BYU

# 2024-2025 Undergraduate Catalog

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# Business College Page

# Business

## Marriott School of Business

At BYU Marriott, we attract students of uncommon maturity and optimism who know what it takes to build something that lasts. Award-winning faculty promote a rigorous academic experience in a spiritually uplifting atmosphere. Opportunities outside the classroom abound, including professional clubs offering career insights and practical help for finding a job as well as on-campus internships that offer real-life involvement in the business world. An active, dedicated network of faculty, alumni, and mentors help our students learn to lead.

BYU Marriott students go further, faster—they graduate having had intensive experience in unstructured, collaborative problem solving that goes far beyond what's offered at other business schools. Our graduates are ready to listen, innovate, and mentor—always leading the way forward.

## Administration

**Dean**: Brigitte Condie Madrian
**Associate Dean**: Bonnie Brinton Anderson
**Associate Dean**: John Byron Bingham

**Contact Information:**

730 TNRB

801-422-4121

marriottschool@byu.edu

WEBSITE

**Advisement Center:**

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

## Departments

- Accountancy
- Aerospace Studies
- Business Minors
- Experience Design and Management

- Finance
- Information Systems
- Management
- Marketing and Global Supply Chain
- Military Science
- Public Service and Ethics

# BYU Marriott Undergraduate Advisement Center

Advisors are prepared to assist undergraduate students in successfully completing university, college, and major requirements. Students are encouraged to meet frequently with BYU Marriott advisors and personnel to understand registration, graduation requirements, fields of study, changes in major and transfer evaluation, and other policies and procedures. Please refer to the BYU Marriott Undergraduate Advisement office website for more information.

# Undergraduate Programs

The BYU Marriott School of Business offers ten undergraduate majors:

Accounting

Accounting has been described as the "language of business" and studies how businesses track their income and assets over time. Besides preparing financial statements and recording business transactions, accountants engage in a wide variety of activities including computing costs and efficiency gains from new technologies, participating in strategies for mergers and acquisitions, managing quality, developing and using information systems to track financial performance, and deciding tax strategy.

Entrepreneurial Management

Entrepreneurs seek to make the world a better place by creating valuable products and services that improve the lives of customers and add value to the economy. Entrepreneurs may create and start business ventures to bring these ideas to market, while others pursue these efforts as employees in companies ranging from startups to established firms. Still others may focus on acquiring, owning, and managing business ventures of all sizes and types.

Experience Design and Management

ExDM professionals specialize in the design, delivery, evaluation, and management of experience journeys. The field seeks to employ interdisciplinary design principles, management science, and social psychology to deliver impactful experiences across diverse contexts including business, hospitality, tourism, and special events. ExDM professionals design and manage customer journeys, employee engagement programs, events, and recreation experiences.

Finance

Finance is the study of the optimal allocation of scarce financial resources. The finance program prepares students through instruction from professors and hands-on experience. Special emphasis is given to critical thinking and problem-solving, and includes skill development in data procurement and analysis, firm and project valuation, fundamental analysis, risk hedging, and portfolio management and optimization.

Global Supply Chain Management

Global supply chain involves the control and coordination of materials and services from the original point of origin to the final point of consumption. Increasing competitiveness through higher quality, lower cost, greater responsiveness, and unique innovation is a critical aspect of supply chain management. Course work is designed to prepare students for managerial positions in manufacturing and service industries in such areas as purchasing, operations, logistics, and customer service.

Human Resource Management

Human resource professionals' main focus is to recruit, develop, and retain the employees of an organization. They maximize an organization's use of talent by finding and hiring capable employees, and providing training and development opportunities. As the bridge between managers and employees, they maintain positive employee relations and improve employee satisfaction, wellness, and performance.

Information Systems

Information systems involves the synthesis of business and technology. The field involves two broad areas: the acquisition, deployment, and management of an organization's information systems resources and services; and the development of computer-based systems and technology infrastructures for use in organization processes. Professionals work in organizations of all types, helping maintain existing technology infrastructure and specifying technology solutions to business needs.

Marketing

Marketing is the business function of analyzing markets and consumers to improve goods and services, and provide them at the optimal time, place, and price. Marketers oversee the process of segmentation, targeting, and positioning while integrating decisions about product, promotion, pricing, and placement or distribution. Marketers work in product/brand management, marketing analytics, social media, digital marketing, business-to-business marketing, retail marketing, and professional selling.

Strategic Management

Strategists help companies achieve competitive advantage by developing plans that allow those companies to offer unique value to their customers. Strategists collect and analyze information about competitors, customers, and the resources and capabilities of the company. They use this analysis to make recommendations about where to invest and what actions to take in order to achieve superior firm performance.

**Graduate Programs**

The Marriott School of Business also offers the following graduate degrees:

MAcc Accountancy
MBA Business Administration
MISM Information Systems Management
MPA Public Administration

For more information on graduate programs, please refer to the Graduate Studies and BYU Marriott websites.

# Education College Page

# Education

## David O. McKay School of Education

The David O. McKay School of Education includes five departments, all of which prepare professionals to provide education and other developmental services for preschool through adult learners. All departments and programs emphasize a balance of academic learning and on-site classroom, clinical, or administrative experience.

## Administration

**Dean**: Kendra Hall-Kenyon
**Associate Dean**: Sarah A. Clark
**Associate Dean**: Charles R. Graham
**Assistant Dean**: Jeanna M. Nichols

**Contact Information:**

301 MCKB

801-422-3694

WEBSITE

**Advisement Center:**

350 MCKB

801-422-3426

WEBSITE

## Departments

- Communication Disorders
- Counseling Psychology and Special Education
- Educational Leadership and Foundations
- Instructional Psychology and Technology
- Teacher Education

# Departments and Programs

1. Communication Disorders: service to children, youth, and adults who need support with aspects of speech, language, or audiology
2. Counseling Psychology and Special Education: service to children, youth, and adults with needs for counseling or disability support
3. Educational Leadership and Foundations: service as leaders and administrators in a variety of educational settings (graduate level only)
4. Instructional Psychology and Technology: service in instructional design, technology-based instruction, and classroom technology integration (graduate level only)
5. Teacher Education: preparation for service as teachers
    - Early Childhood, preschool through third grade
    - Elementary, kindergarten through sixth grade
    - Physical education teaching and coaching, kindergarten through twelfth grade

    Note: All other secondary teaching majors are housed in the colleges and content areas they represent.

# Advisement Center

The McKay School's Education Advisement Center includes a variety of services to meet students' needs, which include the following:

1. *Academic Advising*. Advisement includes general education, program requirements for McKay School majors, graduation requirements, and progress toward graduation, as well as licensure guidance (350 McKay Building, 801-422-3426). Secondary education majors receive advisement on specific program requirements in the colleges and departments of their content-area majors.
2. *Scholarships*. The advisement center coordinates a variety of private scholarships and mentorships. An online application is available at education.byu.edu/advisement.
3. *Licensure*. Students who complete the requirements of a teaching program are recommended by the advisement center for licensure in Utah and states with reciprocity agreements. The center guides students in the procedures and submits the completed applications and supporting data. Guidance may be provided for obtaining out-of-state licensure.

# Distinguishing Features of the McKay School

1. Undergraduates in all McKay School departments have opportunities to participate in mentored research with faculty.
2. Elementary education majors have the option to complete a minor in Teaching English as a Second Language, preparing them for state certification in this area (which will attach to their teaching license).
3. Through the McKay School's ARTS Partnership, elementary education majors with experience in visual arts, music, dance, or drama can attend performances, workshops, and participatory events that involve teaching and integrating the arts into elementary school curriculum. Those who wish to become "arts scholars" collaborate with teachers in elementary classrooms.
4. Alternative student teaching placements are available in urban, minority-intensive areas of Houston, Texas, or Washington, D.C. during the fall and winter semesters; and in southern China during the spring/summer terms.

5. As an alternative to regular student teaching, seniors in some teaching majors may choose a year-long internship within the BYU/Public School Partnership in which they teach full time in their own classrooms at one-half the beginning teacher's salary with full benefits.

## Engineering College Page

# Engineering

## Ira A. Fulton College of Engineering

The Ira A. Fulton College of Engineering is accredited under the Accreditation Board for Engineering and Technology (ABET) for all engineering and technology programs. The men and women who have graduated from our college will be prepared for entry into the finest graduate schools or workplaces. The mission of the Fulton College is to develop men and women of faith, character, and technical ability who will become outstanding leaders throughout the world.

## Administration

**Dean**: Michael Allen Jensen
**Associate Dean**: Timothy Wayne McLain
**Associate Dean**: Vincent Wilding
**Assistant Dean**: Jim L Trent
**Assistant Dean**: Matthew Bean

**Contact Information:**

240 EB

801-422-4326

WEBSITE

**Advisement Center:**

246 EB

801-422-4325

engineering_advisement@byu.edu

WEBSITE

## Departments

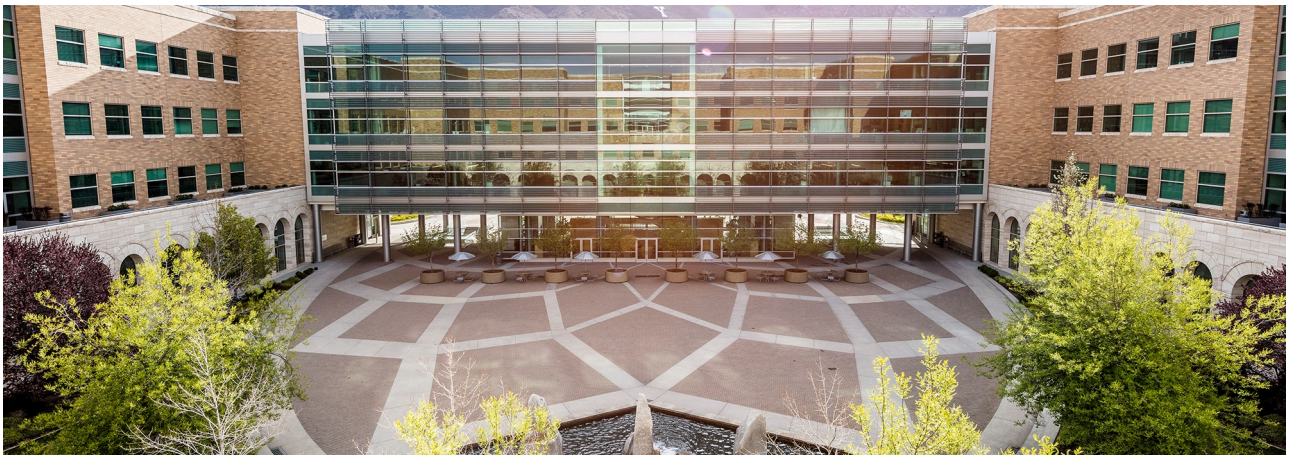
- Chemical Engineering
- Civil and Construction Engineering
- Electrical and Computer Engineering

- Manufacturing Engineering
- Mechanical Engineering

## Student Service Center/Advisement

The Student Service Center provides assistance with resumes, resources for internships, and career placement. In Advisement, professional academic advisors are available to assist students with academic planning and provide information for specific majors. Students are assisted in major exploration and basic developmental career issues. Information is also provided regarding university resources and further career and major exploration. Advisement services also include assistance with university core, change of major, academic success, graduation processes, university policies and procedures, and scholarships.

## Family, Home, and Social Sciences College Page



## Family, Home, and Social Sciences

### College of Family, Home, and Social Sciences

The College of Family, Home, and Social Sciences is composed of departments that study patterns of human behavior from diverse disciplinary approaches. Teaching and scholarship rely on social science methodology to learn about human behavior and human societies — their histories, organization, governments, and economies. As the name implies, the college is particularly concerned with studying the family as the basic unit of society. The many institutes and centers within the college provide opportunities for faculty and students to further research and disseminate scholarship. Students in the college gain a broad education that helps develop an appreciation of the values of modern civilization and prepares them to contribute effectively as citizens. The knowledge and skills gained in the varied disciplines prepare them well for graduate study and professional careers. Many of the departments and programs housed within the college provide opportunities for student learning outside the classroom through internships and faculty-mentored teaching and research experiences.

## Administration

**Dean**: Laura Padilla Walker
**Associate Dean**: Mikaela Jean Dufur
**Associate Dean**: Niwako Yamawaki
**Associate Dean**: Jeffery Nokes
**Assistant Dean**: Joseph A Olsen
**Assistant Dean**: Danny Damron
**Assistant Dean**: Jordan Karpowitz
**Assistant Dean/Controller**: Mike Bridenbaugh

**Contact Information:**

990 KMBL

801-422-2083

WEBSITE

**Advisement Center:**

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

## Departments

- Anthropology
- Economics
- Family Life
- Geography
- History
- Political Science
- Psychology
- Social Work
- Sociology

# Programs

- Civic Engagement

# Liberal Arts Advisement and Careers

Sherami Jara, Director
1041 JFSB
801-422-3541
https://liberalarts.byu.edu/

Our advisors help students chart an integrated academic and career course through college. Upon graduation, our students should be prepared to connect their education to a fulfilling and successful future. Our services include counseling for specific majors, counseling for a career, and monitoring students' progress toward graduation.

# Degrees Offered

Bachelor's, master's, and doctoral degrees are offered in the college. See the individual department and program listings in this catalog for specific degrees offered and the requirements for each.

# Scholarships and Awards

Scholarships and awards are available to qualified students. Applications may be obtained from the Financial Aid Office, A-141 ASB. See department and college websites for their scholarships.

# Family and Social Service Internships

Karen Christensen, Director
945 SWKT
801-422-2168
http://fssinternships.byu.edu/

Staff members in the Family and Social Service Internships Office assist students in the School of Family Life, Psychology, and Sociology in finding and successfully completing an internship to enhance their undergraduate education. Academic credit for internships is offered through the individual departments.

## FHSS Writing Lab

Joyce Adams, Director
1049 JFSB
801-422-4454
https://fhsswriting.byu.edu
fhss-writinglab@byu.edu

Writing advisors in the FHSS Writing Lab offer discipline-specific tutoring in writing for FHSS students. They help students become better writers by focusing on the global aspects of writing, such as thesis construction, organization, transitions, idea development, logical coherence, style, and argument clarity.

## Family Studies Center

Sarah Coyne, Director
801-422-3515
https://familystudiescenter.byu.edu

The Family Studies Center is dedicated to research that identifies characteristics associated with strong marriages and families, the processes by which they develop, and positive individual and relationship outcomes of healthy family relationships. Historically, the Family Studies Center has supported funding for research on family relationships (e.g., the Flourishing Families Project), conferences on cutting-edge family topics (e.g., families and health; work and families), and outreach activities (e.g., "Families Under Fire" conference). Currently, to achieve Center goals, three main initiatives are being supported.

First, the Center is supporting the Couple Relationships and Transition Experiences (CREATE) research study. The CREATE study is planned to tap a national sample of early married couples, and to include unique measures of relationship functioning in context of transitions and stressors across time. Several BYU faculty members are investigators in that study.

Second, the Center is supporting the Project MEDIA (Media Effects on the Development of Infants through Adulthood) research study. This study will examine the long-term impact of exposure to different types of media on various child outcomes and will specifically examine the role of parents and families in mitigating any negative media effects. The study will also examine how families use media in positive ways to strengthen and augment relationships.

Third, the Center is supporting the development of advanced methods to be used in analyzing data that can provide answers to questions about family relationships. As part of this initiative the Center hosts a lunch-time methods workshop twice a month where faculty or guests will present on research methods used with family data. Faculty members and students from across the University that are interested in studying family relationships are invited to attend.

## Museum of Peoples and Cultures

Paul Stavast, Director
2201 North Canyon Road, Provo
122 B67
801-422-0020
http://mpc.byu.edu/

Educational Opportunities. Museum staff work with faculty throughout the University to provide in-depth, hands-on learning experiences not only in the museum's exhibitions and laboratories, but also in classrooms across campus. Additionally, classes in museum practices designed to provide students with practical experience are taught by the museum's staff in connection with the Anthropology department (see listings in the Anthropology section of this catalog). The museum also employs students each semester to assist in collections work, education and outreach, exhibition development, among other duties. The museum welcomes volunteers to assist in collection, educational, and promotional work.

Anthropological Collections and Research Opportunities. Museum collections comprise over 7,000 collections (consisting of over 2 million specimens and objects) of prehistoric and ethnographic artifacts from various parts of the world. The majority of holdings are from the American Southwest, Mesoamerica, Polynesia, ancient Peru, and the Great Basin (especially Utah Valley). The museum also cares for an extensive collection of documents and images related to BYU archaeological research. The museum encourages students to inquire about research possibilities using its collections.

General admission is free at the Museum of Peoples and Cultures. Guided tours are available for a nominal fee and can be scheduled by calling the museum.

# Fine Arts and Communications College Page

# Fine Arts and Communications

## College of Fine Arts and Communications

The College of Fine Arts and Communications houses the Departments of Art, Dance, Design, and Theatre and Media Arts, as well as the School of Communications and the School of Music. It also fosters lifelong learning and enriches the educational environment across campus through hundreds of performances and presentations by students and faculty each year as well as through the exhibits and collections of the Museum of Art. Beyond the borders of campus, our students undertake research projects, pursue internships, participate in experiential learning activities both domestically and internationally as well as study abroad programs across the globe, and our performing ensembles reach worldwide audiences through annual tours.

The curricula of the College of Fine Arts and Communications encourage students to aspire to the highest scholastic and artistic standards, following within their respective specialties the sacred injunction to seek, inquire, discern, and articulate knowledge. The college celebrates creative and scholarly work as an exploration of humanity and divinity.

Students in the college balance a strong liberal arts foundation with specialized, rigorous training in the methods, theories, histories, and practices of their chosen disciplines. Each of the programs within the college seeks to produce graduates whose creative and professional work contributes positively to society while benefiting the organizations for which they work and enriching the audiences they reach. By encouraging exceptional performance, presentation, and communication, graduates emerge as scholars and professionals within their disciplines and informed, creative voices within their communities.

## Administration

**Dean**: Edward Eugene Adams
**Associate Dean**: Amy Petersen Jensen
**Associate Dean**: Jeremy N Grimshaw
**Associate Dean**: Eric Gillett
**Assistant Dean**: Don Powell
**Assistant Dean**: Melinda Semadeni
**Assistant Dean**: Thaylene Rogers

**Contact Information:**

189 WCO

801-422-2819

cfac@byu.edu

WEBSITE

**Advisement Center:**

1190 WCCB

801-422-3777

cfacadvise@byu.edu

WEBSITE

## Departments

- Art
- Communications
- Dance
- Design
- Music
- Theatre and Media Arts

# College Advisement Center

The College of Fine Arts and Communications Advisement Center recognizes the opportunity and responsibility to be actively involved in our students' educational journey. The advisement center is committed to not only establish an important, service-oriented connection with each student in a caring, friendly environment, but to also provide accurate and timely information to better prepare them for greater academic success.

Professional academic advisors are available to provide information regarding university policies and procedures, dates and deadlines, registration, faculty advisor referrals, major/minor application preparation, major/minor planning and progression, graduation qualification, as well as many other academic concerns. For more information and resources, visit cfacadvise.byu.edu.

# Interdisciplinary Degrees

Animation is an interdisciplinary degree offered by the Department of Design through the cooperative involvement of the Department of Theatre and Media Arts, the Department of Design, and the Department of Computer Science.

Music Dance Theatre is an interdisciplinary degree offered by the Department of Theatre and Media Arts through the cooperative involvement of the School of Music, the Department of Theatre and Media Arts, and the Department of Dance.

# Enrollment in a Major Program

Enrollment in most degree programs in the College of Fine Arts and Communications is limited by the availability of resources such as facilities, equipment, and faculty; the number of students interested in pursuing those degrees exceeds the number that can be admitted. Students are asked to carefully study the requirements of the major program they desire to enter to determine if the program really fits his or her personal goals and educational objectives. Students should consult departmental websites for details about audition dates, portfolio submissions, or other requirements to be considered for admission into competitive programs. Make special note of audition dates, submission deadlines, etc.

The application process for each major has been structured to be as fair and impartial as possible. Enrollment limitations require those evaluating applications to make difficult decisions. Those who are not admitted into his or her desired program are encouraged to move quickly and decisively toward an alternative major program.

Applications for degree programs in the college are available online through each department's website. Prior to applying, students must complete all of the prerequisite courses and/or specific requirements stipulated in the application process. For further information, please contact the appropriate department or school directly. For contact information go to http://cfac.byu.edu.

# Scholarships and Awards

Performance awards are offered by each of the academic units within the college. Applications and information about auditions for performance awards can be obtained by contacting the appropriate department or school.

Applications for general academic scholarships can be obtained online here or at the Scholarship Office. For information about graduate scholarships, fellowships, and grants-in-aid, see the Graduate Studies website.

# Graduate Studies College Page

# Graduate Studies

## BYU Graduate Studies

Our graduate programs offer both secular and spiritual development in a unique learning environment located beneath the majestic Wasatch Mountains in Provo, Utah.

We offer world class instruction from faculty mentors who genuinely care about both your professional and personal development. They challenge and expand your academic intellect using cutting edge pedagogical practices and technologies. Share your unique perspectives and engage in diverse dialogue with our faculty, university administration, and our student population from across the nation and more than 100 countries.

Visit us at graduatestudies.byu.edu

## Administration

**Dean**: Adam T Woolley
**Assistant Dean**: James Crane
**Assistant Dean**: Logan Gillette

# Humanities College Page

# Humanities

## College of Humanities

The College of Humanities houses programs that study literature and language as well as philosophy, critical reading, and writing. Those programs share a concern with the processes and products of human expression. In doing so, they focus on a quest for fluency in what has been called "the human conversation"—the ongoing inquiry into what it means to be human.

Study in the humanities disciplines develops facility in languages and cultures as well as higher order cognitive abilities needed for interpretation, analytical thinking and reflection, criticism, and writing. Students can apply what they are learning prior to graduation and enrich their capacities for satisfying careers and productive lives as educated citizens after.

## Administration

**Dean**: John Scott Miller
**Associate Dean**: Corry L Cropper
**Associate Dean**: Frank Quinn Christianson
**Associate Dean**: Leslee Thorne-Murphy
**Associate Dean**: Ray Thomas Clifford
**Associate Dean**: Grant H Lundberg
**Assistant Dean**: Josh Perkey
**Assistant Dean**: Jared Christensen
**Assistant Dean**: Sherami Jara

**Contact Information:**

4002 JFSB

801-422-2775

humanities@byu.edu

WEBSITE

**Advisement Center:**

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

## Departments

- Asian and Near Eastern Languages
- Comparative Arts & Letters
- English
- French and Italian
- German and Russian
- Language Studies
- Linguistics
- Philosophy
- Spanish and Portuguese

### Programs

- American Studies
- Digital Humanities
- International Cinema

## Liberal Arts Advisement and Careers

Sherami Jara, Assistant Dean
1041 JFSB
801-422-3541
https://liberalarts.byu.edu/

Liberal Arts Advisement and Careers supports students in achieving their academic and career goals by providing guidance and direction in academic and career exploration, progress toward timely graduation, and experiential learning through Humanities+ experiences. Those experiences include internships, faculty mentoring, secondary majors, minors, participation in clubs, and other professionally relevant experience.

## Center for Language Studies

Ray T. Clifford, Director
Molly McCall, Assistant Director
3086 JFSB
801-422-1201
http://cls.byu.edu

The Center for Language Studies works with other College departments to help students from all of the University's academic disciplines acquire the advanced language and cultural skills they need for personal enrichment and for global careers. Particular emphasis is placed on:

- Teaching advanced language classes in low-enrollment languages spoken by returned missionaries.
- Testing language proficiency.
- Conducting language acquisition research.

## The Humanities Center

Rex Nielson, Senior Fellow and Director
3149 JFSB
801-422-2176
http://humanitiescenter.byu.edu

The Humanities Center is an institute of intensive learning and outreach that promotes the exchange of ideas within the humanities and across the arts and sciences. It aims to foster excellent research and teaching in the humanities, encourage discussion and collaboration across departments, colleges, and universities on matters of public as well as academic concern and enhance BYU's global reputation for scholarship, teaching, and public service.

## Kennedy Center for International Studies

Cherbourg-Octeville
Le Havre
Caen
Rouen
Dieppe
Alençon
Le Mans
Orléans
Tours
Nantes
Angers
Poitiers
Rochefort
Limoges
Clermont-Ferrand
Vichy
Lyon
St-Étienne
Le Puy
Châteauroux
Moulins
Bourges
Nevers
Brive
Tulle
Périgueux
Angoulême
Niort
La Roche-sur-Yon
Laval
Fougères
Vitré
Rennes
Vannes
St-Brieuc
Evreux
Versailles
Chartres
Blois
Amboise
Montargis
Auxerre
Troyes
Roanne
Montluçon
Guéret
Aurillac
Rodez
Albi
Carcassonne
Foix
Bergerac
Dordogne
Loire
Cher
Indre
Vienne
Creuse
Allier
Yonne
Marne
Aube
Seine
Oise
Somme
Aisne
Ardennes
Meuse
Moselle
Meurthe
Vosges
Haute-Saône
Doubs
Jura
Ain
Rhône
Isère
Savoie
Haute-Savoie
Drôme
Ardèche
Gard
Hérault
Aude
Pyrénées-Orientales
Ariège
Haute-Garonne
Tarn
Lot
Dordogne
Gironde
Landes
Pyrénées-Atlantiques
Hautes-Pyrénées
Gers
Lot-et-Garonne
Tarn-et-Garonne
Aveyron
Lozère
Haute-Loire
Cantal
Corrèze
Haute-Vienne
Creuse
Charente
Charente-Maritime
Deux-Sèvres
Vendée
Maine-et-Loire
Mayenne
Sarthe
Eure-et-Loir
Loiret
Loir-et-Cher
Indre-et-Loire
Côtes-d'Armor
Finistère
Morbihan
Ille-et-Vilaine
Manche
Calvados
Orne
Eure
Seine-Maritime
Somme
Pas-de-Calais
Nord
Channel Islands
Guernsey
Jersey
Alderney
Cap de la Hague
Perros-Guirec
Lannion
Quimper
Lorient
Concarneau
Pont-l'Abbé
Douarnenez
Brest
Roscoff
Morlaix
Dinan
Saint-Malo
Granville
Coutances
Cherbourg
Bayeux
Lisieux
Pont-Audemer
Dieppe
Fécamp
Le Tréport
Abbeville
Amiens
Saint-Quentin
Laon
Soissons
Reims
Épernay
Châlons-en-Champagne
Sedan
Charleville-Mézières
Verdun
Metz
Nancy
Épinal
Belfort
Mulhouse
Colmar
Strasbourg
Saverne
Sarreguemines
Forbach
Thionville
Longwy
Montbéliard
Besançon
Dole
Lons-le-Saunier
Bourg-en-Bresse
Oyonnax
Nantua
Annecy
Chambéry
Albertville
Saint-Jean-de-Maurienne
Modane
Briançon
Gap
Digne-les-Bains
Sisteron
Manosque
Forcalquier
Apt
Carpentras
Orange
Avignon
Arles
Salon-de-Provence
Aix-en-Provence
Marseille
Toulon
Hyères
Fréjus
Saint-Raphaël
Cannes
Grasse
Antibes
Nice
Menton
Monaco
Saint-Tropez
Draguignan
Brignoles
Barjols
Martigues
Istres
Port-de-Bouc
Fos-sur-Mer
Étang de Berre
Rhône
Camargue
Nîmes
Alès
Bagnols-sur-Cèze
Pont-Saint-Esprit
Uzès
Bédarieux
Lodève
Clermont-l'Hérault
Agde
Sète
Béziers
Narbonne
Lézignan-Corbières
Limoux
Carcassonne
Castelnaudary
Saint-Girons
Pamiers
Foix
Tarascon-sur-Ariège
Ax-les-Thermes
Prades
Perpignan
Céret
Argelès-sur-Mer
Collioure
Port-Vendres
Cerbère
Banyuls-sur-Mer
Canet-en-Roussillon
Saint-Cyprien
Rivesaltes
Quillan
Limoux
Mazamet
Castres
Albi
Gaillac
Montauban
Castelsarrasin
Moissac
Agen
Villeneuve-sur-Lot
Marmande
Tonneins
Nérac
Mont-de-Marsan
Dax
Saint-Sever
Aire-sur-l'Adour
Tarbes
Lourdes
Bagnères-de-Bigorre
Saint-Gaudens
Luchon
Auch
Condom
Lectoure
Fleurance
Lectoure
Mirande
Miélan
Lombez
Samatan
Saint-Gaudens
Muret
Toulouse
Castelnaudary
Carcassonne
Narbonne
Béziers
Agde
Sète
Montpellier
Lunel
Aigues-Mortes
Saintes-Maries-de-la-Mer
Arles
Tarascon
Beaucaire

“enter to learn—go forth to serve” and its aspiration to make “the world our campus.”

Mission Statement:

The David M. Kennedy Center for International Studies is the heart of international engagement for the BYU community. By supporting and implementing interdisciplinary international experiences on campus and abroad, the Kennedy Center raises global awareness and competency, and equips the community with international perspectives and tools to promote intellectual, physical, and spiritual well-being throughout the world.

## Administration

**Director**: V. Stanley Benfell

**Contact Information:**

237 HRCB

801-422-3377

kennedy@byu.edu

WEBSITE

**Advisement Center:**

273 HRCB

801-422-3548

kennedy_advisement@byu.edu

WEBSITE

## Programs

- Africana Studies
- American Studies
- Ancient Near Eastern Studies
- Asian Studies
- European Studies
- Global Environmental Studies
- Global Women's Studies
- International Development
- International Relations
- Latin American Studies
- Middle Eastern Studies - Arabic
- Scandinavian Studies

# Admission to Degree Programs

All undergraduate international and area studies degree programs are open enrollment.

# International & Area Studies Program Coordinators

- Africana Studies, Leslie Hadfield
- American Studies, Jamin Rowan
- Ancient Near Eastern Studies, Matthew Grey

- Asian Studies, Marc Yamada
- European Studies, Rob McFarland
- International Development, Darren Hawkins
- International Relations, Scott Cooper
- Latin American Studies, Jeff Shumway
- Middle East Studies/Arabic, Joshua Gubler
- Global Environmental Studies, George Handley
- Global Women's Studies, Valerie Hegstrom
- Scandinavian Studies, Nate Kramer

## International Study Programs

**Study Abroad:** BYU's traditional off-campus study programs. In these programs students are able to further their general education; pursue specialized courses in languages, the social sciences, humanities, fine arts, and other fields; gain valuable insights into their own country; and further international understanding.

**Direct Enrollment**: Students are integrated into an international university, taught by faculty native to that country, and are not accompanied by BYU faculty.

**International Internships:** Short-term, on-the-job apprentice training abroad under the direction of a firm, government agency, NGO, or other such institution.

**Field Studies:** A research experience abroad for small numbers of students directed by faculty, who generally do not accompany the students.

## Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The university core, consisting of requirements in general and religious education. (See University Core for details. For a complete listing of courses that meet university core requirements, see the current class schedule.)
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

## Law School College Page

# Law School

## J. Reuben Clark Law School

The J. Reuben Clark Law School offers a six-semester course of graduate professional study leading to the juris doctor (JD) degree. Information about legal education, admissions standards, and related matters can be obtained from the Law School Admissions Office or at www.law.byu.edu/.

## Administration

**Dean**: David Moore
**Associate Dean**: Carolina Núñez
**Associate Dean**: Michalyn Steele
**Assistant Dean**: Tony Grover
**Assistant Dean**: Bryan Hamblin
**Assistant Dean**: Lynnett Rands
**Assistant Dean**: Michael Middleton
**Assistant Dean**: Shannon Grandy

**Contact Information:**

243 JRCB

801-422-7871

admissions@law.byu.edu

WEBSITE

**Manager of Admissions**: Andrea Fitzgerald

To be admitted to the Law School, an applicant must be a college graduate who has excelled academically and has scored in the upper range of the nationally administered Law School Admission Test. In addition, applicants must meet the general university admission requirements, including the personal standards required of all students.

For information about applying to BYU Law School, visit law.byu.edu.

For more information regarding prelegal education, consult the BYU Preprofessional Advisement Center (Law).

# Life Sciences College Page

# Life Sciences

## College of Life Sciences

Courses offered in the life sciences give students a general understanding of the fundamental principles of life that extend from the tiniest microbes to plants, animals, and human beings. Students also obtain the knowledge, skills, and motivation necessary to maintain a healthy lifestyle. Specialized courses emphasizing teaching and research in various life science disciplines are also offered. Disciplines range from basic science to applied science.

## Administration

**Dean**: Laura C. Bridgewater
**Associate Dean**: Loreen Allphin
**Associate Dean**: Ben Crookston
**Associate Dean**: Michael Stark
**Assistant Dean**: Russell G. Nielson

**Contact Information:**

5000 LSB

801-422-1458

WEBSITE

**Advisement Center:**

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

## Departments

- Biology
- Cell Biology & Physiology
- Exercise Sciences
- Microbiology and Molecular Biology
- Neuroscience
- Nutrition, Dietetics, and Food Science
- Plant and Wildlife Sciences
- Public Health

# Student Services

The goal of the Life Sciences Student Services Center is to provide "one stop shopping for students and faculty." The center services students in five areas: advisement, assessment, career advisement, college life, and mentored experiences.

**Advisement**—Students are instructed in general education advisement and given assistance in creating a graduation curriculum plan for their major. Advisement is an interactive, developmental experience between students and advisors. Advisement services include change of major, academic success, graduation processes, and other specific advisement needs. LfSc 101 is offered to all new students who are exploring Life Science majors. All majors and career options are presented in this course plus basic student development principles to assist new students in adapting to BYU and becoming familiar with its resources.

**Assessment**—Students are informed of the importance of maintaining the university's accreditation standing. Students assist in the assessment process by providing input through surveys, exit interviews, one-year-out and five-year-out surveys, and results on national major field exams and other national and professional school admission exams.

**Career advisement**—Students are assisted in major exploration and basic developmental career issues. Information is provided regarding university resources for further career and major exploration.

**College life**—The "Empowering Others" philosophy encourages students to help and teach each other by creating a spirit of cooperation rather than competition. Study groups are fostered and organized to enhance learning. A learning facility provides tutoring services for students enrolled in essential biology courses. This walk-in area allows a student access to tutors 10–12 hours per day. Leadership opportunities for students can be enhanced through participation on the Life Sciences Student Council and participation in clubs. The college also offers scholarship opportunities to its undergraduate and graduate students.

**Mentored experiences**—Internships provide students with opportunities to try out their prospective careers. The center provides resources for obtaining internships as well as processing all the paperwork and awarding grants to students who desire that experience. Assisting faculty with research constitutes a mentorship. Students learn invaluable skills and problem-solving techniques from their mentors. The center can help students seeking mentored experiences.

# M. L. Bean Life Science Museum

Duke S. Rogers, Director
Leigh Johnson, Associate Director for Research and Collections
Marta Adair, Assistant Director for Education
2103 MLBM

Robert Johnson, Collections Manager, Herbarium
Byron Adams, Curator of Meiofauna
Seth Bybee, Assistant Curator of Athropods
Shawn Clark, Collections Manager, Arthropods
Jerald Johnson, Assistant Curator of Fish
Leigh Johnson, Curator, Herbarium
Robert Johnson, Collections Manager, Herbarium
Randy Larsen, Assistant Curator of Birds
Steve Leavitt, Curator of Nonvascular Cryptogams
Riley Nelson, Assistant Curator of Athropods
Duke Rogers, Curator of Mammals
Dennis Shiozawa, Curator of Fish
Jack Sites, Curator of Reptiles and Amphibians
Michael Whiting, Curator of Arthropods

The Bean Life Science Museum is fully accredited with the American Alliance of Museums. A major addition and remodel of the museum was completed in 2014. Its vast teaching and research collections include more than two million arthropods, fish, amphibians, reptiles, mammals, birds, meiofauna and mollusks, and more than 700,000 plants, fungi, algae, and bryophytes. Specimens for these collections, which represent creative work by university faculty members and students, have been gathered from around the world, making the museum a major repository of scientific-quality, biological collections in the western United States.

The museum and its collections are utilized by university classes in biology, plant and wildlife sciences, education, art, geography, and other disciplines. The museum also maintains and manages the Lytle Ranch Preserve. Located in the northernmost extension of the Mojave Desert southwest of St. George, Utah, this 600-acre desert "classroom" is situated in a part of Utah that is unique not only for its plant and animal communities, but also for its setting at the crossroads of three major bioregions.

Public programs at the museum include temporary and permanent exhibits of natural communities that illustrate complex relationships between plants, animals, and their physical environment. Educational programs serve more than 150,000 annual visitors and provide classes and programs for public and private schools and many other organizations. Museum hours are Monday through Friday from 10:00 a.m. to 9:00 p.m. and Saturday from 10:00 a.m. to 5:00 p.m. The museum is closed on Sunday. Admission is free.

*The Western North American Naturalist*, a nationally recognized peer-reviewed natural history journal, is administered by the museum. Other museum publications include professional and popular works such as *A Utah Flora, Bark and Ambrosia Beetles of South America, Snakes of Utah*, and *Common Rocky Mountain Lichens*.

# Nursing College Page

# Nursing

## College of Nursing

The College of Nursing at Brigham Young University, established in 1952, is accredited by the Utah State Board of Nursing and the Commission on Collegiate Nursing Education. The mission of the College of Nursing is to develop professional nurses who promote health, care for the suffering, engage in the scholarship of the discipline, invite the Spirit into health and healing, and lead with faith and integrity.

The College of Nursing has a Baccalaureate and Masters Nursing Program.  Baccalaureate graduates are prepared to function in generalist roles in hospital and community settings. They also have excellent preparation for entrance into graduate programs. Graduates of the MS program are prepared as a family nurse practitioner.

The college faculty are committed to creating a stimulating learning environment based on Christian principles. They maintain a broad range of research and clinical interests.

Student resources include a fully equipped learning resource center with audiovisual and computer learning aids, a research center, and a state-of-the-art clinical simulation laboratory. Clinical practice opportunities exist in a variety of urban and rural hospital, school, home, and community settings along the Wasatch Front. Students may also gain extended experiences with specialized national and international health programs.

## Administration

**Dean**: Jane H Lassetter
**Associate Dean**: Beth Luthy
**Associate Dean**: Blaine Winters
**Assistant Dean**: Delsa Richards

**Contact Information:**

500 KMBL

801-422-4144

WEBSITE

**Advisement Center:**

551 KMBL

801-422-4173

nursing_advisement@byu.edu

WEBSITE

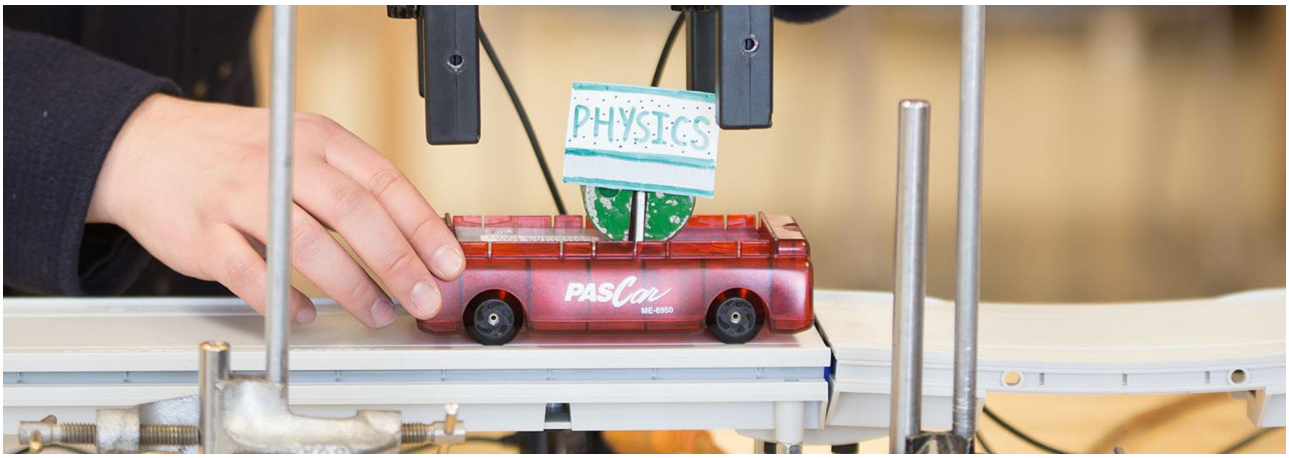
FACULTY

PROGRAM

## Scholarships and Awards

Scholarships are available for undergraduate and graduate nursing students. Information about additional sources of funding for study are available in the College of Nursing Undergraduate Advisement Center and through the Graduate Program secretary respectively. Research assistantships and teaching assistantships are also available.

## Physical and Mathematical Sciences College Page




## Physical and Mathematical Sciences

### College of Physical and Mathematical Sciences

The College of Physical and Mathematical Sciences consists of seven departments: Chemistry and Biochemistry, Computer Science, Geological Sciences, Mathematics, Mathematics Education, Physics and Astronomy, and Statistics.

### Administration

**Dean**: Grant Jay Jensen
**Dean**: Gus L Hart
**Associate Dean**: Bryan Stuart Morse
**Associate Dean**: Jennifer Burrows Nielson
**Assistant Dean**: Steven M Johnson

**Contact Information:**

N-181 ESC

801-422-2674

cpms@byu.edu

WEBSITE

**Advisement Center:**

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

### Departments

- Chemistry & Biochemistry

- Computer Science
- Geological Sciences
- Mathematics
- Mathematics Education
- Physics and Astronomy
- Statistics

### Programs

- Physical Science

Freshmen who are interested in the physical and mathematical sciences but are undecided about a specific major are encouraged to register for one or more of the following science fundamentals core courses: Chem 111 or 105; C S 142; Geol 101 or 111; Math 112 or 113; MthEd 177; Phscs 121; Stat 121 or 151.

## College Advisement Center

The advisement center provides information and help on registration, graduation requirements, policies and procedures, fields of study, changes of major, and many other aspects of the college's academic life.

## Degrees Offered

Bachelor's degrees are offered in actuarial science, applied physics, biochemistry, chemistry, chemistry education, computer science, earth and space science education, geology, mathematics, mathematics education, physical science teaching, physics, physics-astronomy, physics teaching, and statistics.

The master of science degree is offered in biochemistry, chemistry, computer science, geology, mathematics, physics, and statistics. The master of arts degree is available in mathematics education. The doctor of philosophy degree is offered in biochemistry, chemistry, computer science, mathematics, physics, and physics/astronomy.

See specific departmental sections of this catalog for baccalaureate degree requirements. Graduate programs are detailed in the BYU Graduate Catalog.

## Religious Education College Page

## Religious Education

The mission of Religious Education at Brigham Young University is to assist individuals in their efforts to come unto Christ by teaching the scriptures, doctrine, and history of the restored gospel of Jesus Christ through classroom instruction, gospel scholarship, and outreach to the larger community.

## Administration

**Dean**: Scott C Esplin
**Associate Dean**: Gaye Strathearn
**Associate Dean**: Tyler J Griffin

**Contact Information:**

370 JSB

801-422-2735

WEBSITE

## Departments

- Ancient Scripture
- Church History and Doctrine

# Purposes

Religious Education oversees the teaching of and research into scripture, doctrine, Latter-day Saint and Christian church history, and world religions. We strive to create a learning environment and provide resources that are "spiritually strengthening, intellectually enlarging, and character building" and an educational experience that results in "lifelong learning and service" (The Aims of a BYU Education).

Religious Education seeks to spread the light of restored truth to Latter-day Saints and to those not of the Latter-day Saint faith in three ways:

1. Instruction. We seek in Religious Education to find new ways and more effective ways to communicate timeless truths and to provide "a stimulating setting where a commitment to excellence is expected and the full realization of human potential is pursued" (BYU Mission Statement). In general, we search for ways to enhance the educational experience and to build a faith in and a commitment to the restored gospel that is as stimulating and satisfying to the mind as it is soothing and settling to the heart.
2. Scholarship. The search for new truths and the quest to better understand well-known truths are central to the work of Religious Education. While the ultimate interpretation of doctrinal matters rests with apostles and prophets, we seek to discover historical backgrounds, provide cultural and linguistic details, and explore new avenues of understanding into our faith, history, and way of life.
3. Outreach. An important dimension of the work of Religious Education is outreach, the effort to teach, share, and discuss the teachings, practices, and history of The Church of Jesus Christ of Latter-day Saints, in the larger community of scholars and to foster understanding between men and women of all faiths.

# Degrees Offered

Religious Education offers two programs leading to a master's degree: **Master of Arts Religious Education** designed for individuals recommended by Seminaries and Institutes and **Master of Arts Chaplaincy** for military, hospital, and prison chaplain candidates.

For further information on these programs, please contact the Religious Education Office. No other degree programs are offered in this area.

# Doctrinal Foundation and Religious Electives

Religion courses are an integral part of the university curriculum that conforms to university standards and expectations. While students are enrolled at BYU, they are required to take religion courses from BYU. See Doctrinal Foundation and Religious Electives information on the University Core Explained page in this catalog.

# Religious Studies Center

Daniel K Judd, Director

Scott C. Esplin, Publications Director
167 HGB
801-422-6975
http://rsc.byu.edu/

The Religious Studies Center (RSC) is the research and publication arm of Religious Education. It continues to pursue its original charter to encourage and sponsor serious, faithful, gospel-related scholarship and the ensuing publication of that scholarship. It fulfills the charge to help meet the university's commitment to religious studies and Religious Education's aim to teach and preserve the doctrine of the gospel of Jesus Christ. It also serves the greater Church through the publication of the works of Religious Education faculty and other scholars who have written important, timely, scholarly work of a faith-promoting nature.

To encourage and promote religiously oriented scholarship, the RSC awards grants and provides other financial assistance. It proactively reaches out to faculty to encourage research in specific areas and supports them in the publication of their findings. To accomplish this the RSC sponsors two faculty mentors, known as area directors, who oversee and fund research in Church history and ancient scripture.

# Student Life College Page

# Student Life

Student Life is a division of the University that includes the following areas:

- Campus Life
- Student Development Services
- Residence Life
- Student Health Center
- Title IX
- University Police

Leadership for Student Life is provided by the Student Life Vice President. Under the direction of the Student Life Vice President, the Dean of Students oversees Campus Life and the Executive Director of Student Development Services oversees student development programs and services.

## Departments

- Student Development
- Student Wellness
- University Advisement

# Administration

## Campus Life

**Dean of Students**: Sarah Westerberg
**Associate Dean**: Casey Peterson
**Associate Dean**: Nathan Ward

## Student Development Services

**Executive Director**: Steve Smith
**Director, Student Development**: Tyler Pedersen
**Clinical Director, Counseling and Psychological Services**: Kara Cattani

# Undergraduate Education College Page

# Undergraduate Education

Undergraduate Education supervises and fosters essential university-wide elements of the bachelor's degree. First-Year Experience assists new students with the transition to college, and General Education offers a broad education to help students acquire knowledge and skills for lifelong learning. The Honors Program is designed for the student who seeks to learn with a cohort of like-minded peers.

## Administration

**Dean**: Richard A Gill
**Associate Dean**: Christopher P Oscarson
**Assistant Dean**: Bryce Bunting

**Contact Information:**

350 MSRB

801-422-6818

WEBSITE

**Advisement Center:**

102 MSRB

801-422-3036

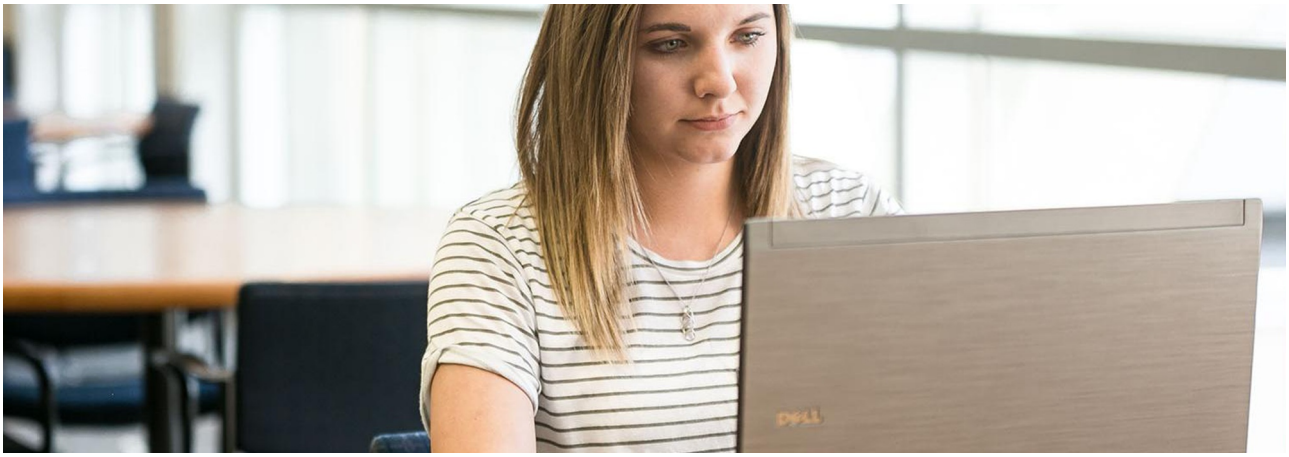
honors@byu.edu

WEBSITE

## Departments and Programs

- First-Year Experience
- General Education Program
- Honors Program

# Continuing Education College Page



# Continuing Education

The Division of Continuing Education provides educational programs and university services for part-time and off-campus students. These educational opportunities also assist regular daytime students. The same university standards required of regular day students apply to those enrolled through the Division of Continuing Education while they are on campus.

## Administration

**Dean**: Richard M. Houseman
**Associate Dean**: Carolyn Andrews
**Associate Dean**: Darin R. Oviatt
**Managing Director:** Scott J. Howell

**Contact Information:**

419 HCEB

801-422-4147

WEBSITE

## Departments

- Bachelor of General Studies
- BYU Conference Center
- BYU Online High School
- Conferences and Workshops
- Especially for Youth Programs
- Evening Classes
- FlexGE
- Independent Study
- Office of Visiting Students
- Salt Lake Center

# Requirements for Enrollment in Continuing Education Classes

Credit and noncredit classes and programs are open to anyone who abides by the standards and has the desire and necessary ability, including matriculated students, non-matriculated students, individuals desiring to audit courses, and high school students who meet current university requirements for concurrent enrollment.

Students who have been suspended from Brigham Young University or any other institution of higher learning for any reason are eligible to register for Independent Study courses only. Suspended students are ineligible to enroll in Evening and Salt Lake Center classes until the suspension is resolved.

**Student Responsibility.** Enrollment in a Continuing Education course ***does not*** constitute admission to BYU or any other university on a degree-seeking basis. It is the student's responsibility to gain admission to the university of his or her choice as a degree-seeking student through the institution's normal procedures. At BYU students may accomplish this through Enrollment Services.

## General Education

## General Education

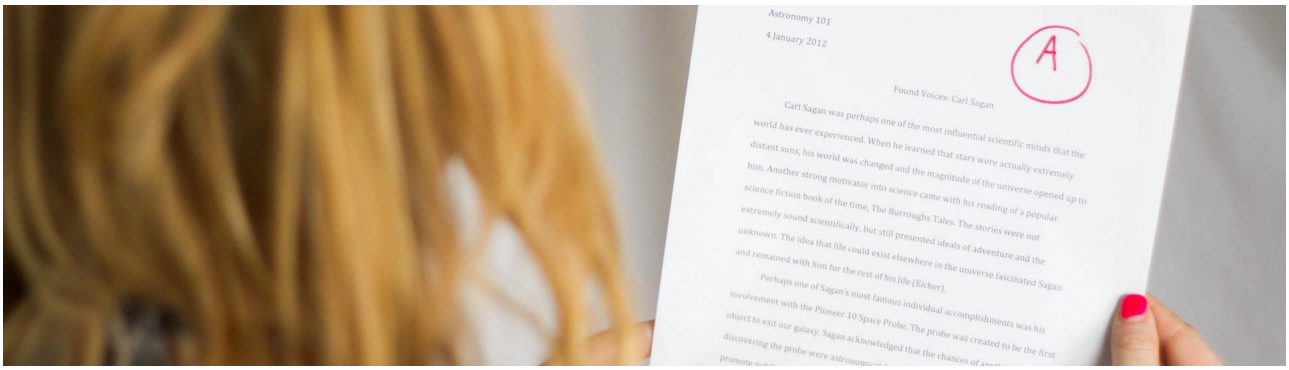
The university's religion requirements and general education requirements (combined, known as the University Core) are displayed in the links below.

| | |
|---|---|
| **FOR FIRST-SEMESTER FRESHMEN ADMITTED WINTER 2024 OR LATER, VIEW THE REQUIREMENTS HERE.** | **FOR ALL OTHER STUDENTS, VIEW THE REQUIREMENTS HERE.** |

If you have questions about how these courses fit your plan, contact your College Advisement Center. If you've not declared a major, contact the University Advisement Center.

For questions about prospective or returning students, enrollment, registration, transfer credits, and missionary deferment, visit the Enrollment Services website.

To learn more about General Education, visit the General Education website.




## Academic Honesty

The current Academic Honesty policy can be found at https://policy.byu.edu/view/academic-honesty-policy.

## Academic Standards

The current Academic Standards policy can be found at https://policy.byu.edu/view/academic-standards-procedures.

## Admissions

The current Admissions policy can be found at https://policy.byu.edu/view/admission-policy.

## Dates & Deadlines

## Dates & Deadlines

The annual calendar at BYU includes fall, winter, and spring-summer (which includes spring term and summer term).

### Ecclesiastical Endorsement Deadline (for continuing students)

| | FALL | WINTER | SPRING-SUMMER | |
|---|---|---|---|---|
| | Fall 2023 | Winter 2024 | Spring 2024 | Summer 2024 |
| **Ecclesiastical Endorsement Deadline** All enrolled continuing undergraduate, graduate, intern, or Study Abroad students' Continuing Student Ecclesiastical Endorsements are due to avoid registration delays | Apr 14 | Apr 14 | Apr 14 | Apr 14 |

Additional information

## Financial Aid & Scholarship Deadlines

| | FALL | WINTER | SPRING-SUMMER | |
|---|---|---|---|---|
| | Fall 2023 | Winter 2024 | Spring 2024 | Summer 2024 |
| **Scholarship Application Deadlines** | | | | |
| **New Freshmen/International** Last day **new freshmen and international** students may submit undergraduate applications for academic scholarships and talent awards | Dec 15, 2022 | Aug 1, 2023 | Dec 15, 2023 | Dec 15, 2023 |
| **Continuing Students** Last day **continuing** undergraduate students may submit scholarship applications | Feb 1, 2023 | Feb 1, 2023 | Feb 1, 2023 | Feb 1, 2023 |
| **Transfer Students** Last day **transfer** undergraduate students may submit scholarship applications | Dec 15, 2022 | Aug 2, 2023 | Dec 15, 2023 | Dec 15, 2023 |
| **Former Students** Last day **former** undergraduate students may submit scholarship applications | Dec 15, 2022 | Aug 1, 2023 | Dec 15, 2023 | Dec 15, 2023 |
| **Financial Aid Deadlines** | | | | |
| **BYU Short-term Loans Due** Full payment due on BYU short-term loans | Nov 1 | Mar 1 | Jun 1 | Aug 1 |
| **FAFSA Deadline** Last day federal government will accept Free Application for Federal Student Aid (FAFSA) for this academic year | Jun 30 | Jun 30 | Jun 30 | Jun 30 |

Additional information

## Graduate Student Dates & Deadlines

| | FALL | WINTER | SPRING-SUMMER | |
|---|---|---|---|---|
| | Fall 2023 | Winter 2024 | Spring 2024 | Summer 2024 |
| **Apply for Graduation**<br>Last day graduate students may apply for graduation online in AIM.<br><br>*This date applies to all students who plan to graduate in June or August and who want to walk in the April graduation ceremonies.<br><br>Last day graduate students may apply for graduation online in AIM for June or August and receive a diploma but NOT walk in April graduation ceremonies. | Sept 15, 2023 | Jan 26, 2024 | Mar 8, 2024*<br><br>May 3, 2024 | Mar 8, 2024*<br><br>Jun 21, 2024 |
| **Final Submission Deadline**<br>Last day for graduate students to have their thesis/dissertation ETD approved at all levels (including Graduate Studies) in gradprogress.sim.byu.edu; complete remaining degree requirements; pay fees; T and I grades changed to a letter grade. | Dec 15, 2023 | Apr 24, 2024 | Jun 20, 2024 | Aug 15, 2024 |

Please see the Graduate Studies website for more information: gradstudies.byu.edu.

## Graduation Dates & Deadlines

| | FALL | WINTER | SPRING-SUMMER | |
|---|---|---|---|---|
| | December 2023 | April 2024 | June 2024 | August 2024 |
| **Apply for Graduation**<br>Last day for undergraduates to apply and pay fee for graduation | Sep 15 | Nov 15 | Feb 15 | Apr 15 |
| Last day undergraduates may submit to the Registrar's Office all incompletes, T grades, special exams, GE challenges, military credit, official transcripts of work completed at other schools, and any other information pertaining to graduation | Nov 30 | Apr 3 | May 30 | Jul 25 |
| Last day Independent Study final exams may be submitted for graduation | Nov 30 | Apr 3 | May 30 | Jul 25 |
| **Graduation – University Commencement** | Dec 21<br>(no exercises) | Apr 25 | Jun 21<br>(no exercises) | Aug 15<br>(no exercises) |
| **Graduation – College Convocations** | | Apr 25-26 | | |

Additional information

## Health Plan Dates & Deadlines

| | FALL | WINTER | SPRING-SUMMER | |
|---|---|---|---|---|
| | Fall 2023 | Winter 2024 | Spring 2024 | Summer 2024 |
| **Health Plan Deadline**<br>Last day for new and continuing students to submit Student Health Plan enrollment or certification of other coverage through the MyBYU Web site | Sep 12 | Jan 16 | May 7 | Jul 1 |

Additional information

## Records/Registration Dates & Deadlines

| | FALL | WINTER | SPRING-SUMMER | | |
|---|---|---|---|---|---|
| | Fall 2023 | Winter 2024 | Spring 2024 | Summer 2024 | Semester-length 2024 |
| **Class Schedule Available/ Registration Cart Open** | Apr 1 | Aug 1 | Dec 1 | Dec 1 | Dec 1 |
| **Priority registration begins** | Jun 5 (Freshmen: June 9) | Oct 16 | Mar 1 | Mar 1 | Mar 1 |
| **First Day of Classes** | Sep 5 | Jan 8 | Apr 30 | Jun 24 | Apr 30 |
| **Add/Drop Deadline** Last day to add classes Last day to drop classes without incurring a pro-rata tuition charge Last day to drop a class without a W (official withdrawal) appearing on the transcript | Sep 12 | Jan 16 | May 7 | Jul 1 | May 7 |
| **Withdraw Deadline 1st Term** Last day to withdraw from a first term class for academic reasons | Oct 9 | Feb 12 | N/A | N/A | N/A |
| **First Day of 2nd Term** | Oct 25 | Feb 29 | N/A | N/A | N/A |
| **Add/Drop Deadline 2nd Term** Last day to add second term classes Last day to drop a second term class without a W (official withdrawal) appearing on the transcript | Nov 1 | Mar 7 | N/A | N/A | N/A |
| **Withdraw Deadline** Last day to withdraw from classes. Withdrawal from all classes puts a withdrawal date on your transcript. | Dec 1 | Apr 3 | Jun 4 | Jul 30 | Jun 17 |
| **Withdraw Deadline 2nd Term** Last day to withdraw from a second term class. | Dec 1 | Apr 3 | N/A | N/A | N/A |
| **Full Withdrawal** | Dec 1 | Apr 33 | Jun 4 | Jul 30 | Jun 17 |
| **Last Day of Class/ Grade rolls available** | Dec 14 | Apr 16 | Jun 17 | Aug 12 | Aug 12 |
| **Grades due** | Dec 29 | Apr 30 | Jun 27 | Aug 21 | Aug 21 |
| **Grades available** | Jan 3 | May 2 | Jul 1 | Aug 23 | Aug 23 |

Additional information

## Tuition Dates & Deadlines

| | FALL | WINTER | SPRING-SUMMER | | |
|---|---|---|---|---|---|
| | Fall 2023 | Winter 2024 | Spring 2024 | Summer 2024 | Semester-length 2024 |
| **Tuition Deadline** Tuition due in full. Ability to add additional courses will be restricted due to non-payment | Aug 29 | Jan 1 | Apr 23 | Jun 17 | Apr 23 |
| **Final Tuition Payment Deadline** Final tuition deadline. Current class enrollment will be dropped for non-payment. Late payments will not be accepted. | Sep 12 | Jan 16 | May 7 | Jul 1 | May 7 |

Additional information

## University General Dates & Deadlines

| | FALL | WINTER | SPRING-SUMMER | | |
|---|---|---|---|---|---|
| | Fall 2023 | Winter 2024 | Spring 2024 | Summer 2024 | Semester-length 2024 |
| **Annual University Conference** | Aug 28-30 | | | | |
| **New Student Orientation** | Aug 31-Sep 2 | Jan 6 | Apr 29 | Jun 22 | |
| **Classes begin** | Sep 5 | Jan 8 | Apr 30 | Jun 24 | Apr 30 |
| **Last day of first term classes** | Oct 24 | Feb 28 | | | |
| **Second term classes begin** | Oct 25 | Feb 29 | | | |
| **Friday class instruction – no Tuesday classes** | Nov 21 | | | | |
| **No classes held** | Nov 22 | Mar 15 | | | |
| **Last day of class instruction** | Dec 14 | Apr 17 | Jun 20 | Aug 12 | Aug 12 |
| **Exam preparation days** | Dec 15 | Apr 18 | Jun 18 | Aug 13 | Aug 13 |
| **Final exams** | Dec 16-21 | Apr 19-20, 22-24 | Jun 20-21 | Aug 14-15 | Aug 14-15 |
| **Monday class instruction – no Tuesday classes** | | Feb 20 | | | |

| | FALL | WINTER | SPRING-SUMMER |
|---|---|---|---|

| Holidays | | | | | |
|---|---|---|---|---|---|
| **Labor Day holiday** | Sep 4 | | | | |
| **Thanksgiving holiday** | Nov 23, 24 | | | | |
| **Christmas holiday** | Dec 22, 25 | | | | |
| **New Year's Day holiday** | Jan 1, 2 | | | | |
| **Martin Luther King Day holiday** | | Jan 15 | | | |
| **Presidents' Day holiday** | | Feb 19 | | | |
| **Memorial Day holiday** | | | May 27 | | |
| **Juneteenth** | | | Jun 19 | | |
| **Independence Day holiday** | | | | Jul 4 | |
| **Pioneer Day holiday** | | | | Jul 24 | |

Additional information

# Disclaimer

The university makes every reasonable effort to provide accurate information in the contents of this catalog but reserves the right to make changes at any time without prior notice. The university reserves the right to change or discontinue graduation requirements, department majors, individual courses, instructors, and all other aspects of university operations. In the event the university determines to make changes in curriculum, it will post these changes as soon as practical within this online catalog. It is recommended that students regularly check this catalog for possible changes.

If colleges or majors are discontinued, or if substantial changes in requirements for degrees are made, the university will endeavor to allow students disadvantaged by the change to continue under existing programs and requirements. As a general rule, these types of substantial changes will only be made effective each fall semester.

The university may place a hold on a student's registration privileges if the student neglects academic work or makes unsatisfactory progress toward graduation.

## Discontinuance

## Discontinuance

Enrollment Services
D-148 ASB
(801) 422- 4104

Full withdrawal is defined as withdrawing from ALL classes for the current semester or term and means a student is no longer considered to be currently enrolled.  It may also have an impact on other areas of campus where students are required to be enrolled in a certain number of credit hours, such as:

- housing
- financial aid
- scholarships
- health center
- employment
- counseling services
- computer lab
- exercise facilities

The Enrollment Services Counselors in D-148 ASB are available to consult with students or parents regarding these issues.

The withdrawal process includes the following:

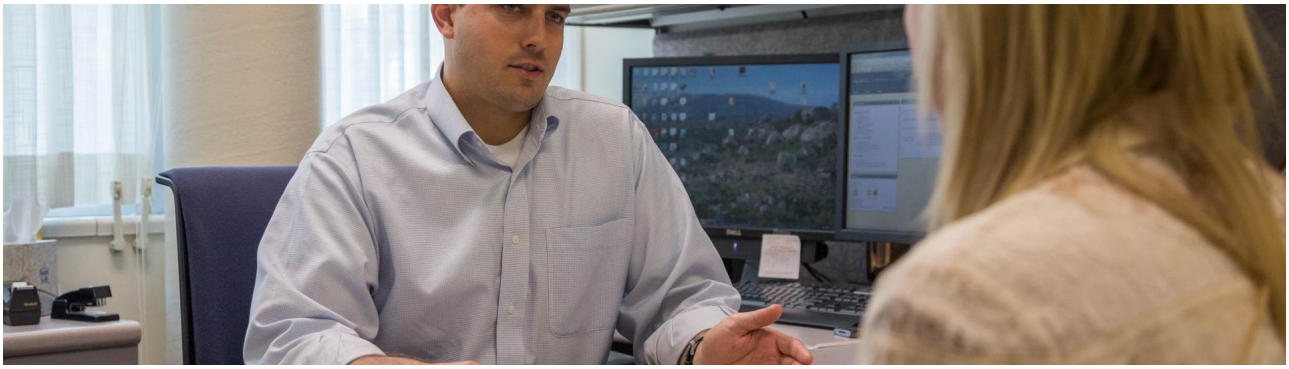
1. **Before the first day of classes and up to the add/drop deadline,** students may drop all of their classes through MyMAP with no record on the official transcript.
2. **After the add/drop deadline**, students must discontinue by submitting the online Request for Discontinuance form.
3. Once the online Request for full withdrawal form is completed and submitted, the student will be withdrawn from classes.
4. **After the withdrawal deadline**, if non-academic circumstances arise, students may work with their instructors to pursue an incomplete contract. (See information about incompletes here.) If a student desires to discontinue after the deadline, including first term classes, it will be necessary to file a petition (see http://petitions.byu.edu).

For more information, see the Leave of Absence section here or the Enrollment Services website.

## Final Examination Policy

The current final examination policy can be found at https://policy.byu.edu/view/final-examination-policy.

## Financial Aid & Scholarships



## Financial Aid & Scholarships

Financial Aid Office
D-155 ASB
(801) 422-4104

BYU offers financial aid from various federal, state, and university programs in the form of grants, scholarships, and loans. The Financial Aid Office coordinates these financial aid programs and assists students in identifying the financial resources for which they might qualify. Because the number of students applying for financial assistance usually exceeds the funds available through university programs, the distribution of financial aid at BYU is based on an assessment of the student's and family's financial need, although there are some exceptions, including BYU short-term loans and academic, performance, talent, and athletic scholarships.

The process of determining a student's eligibility for federal financial aid is called *need analysis*. During need analysis, student's and parent's income and asset information is examined to determine the family's ability to contribute toward educational costs. This figure, called the *Expected Family Contribution* (EFC), is subtracted from the approximate cost for the student to attend BYU for a specific length of time (typically, one academic year). If the cost of attendance is more than the family can contribute, the student has demonstrated *financial need*.

This Cost of Attendance includes estimated amounts for tuition, books and supplies, housing and food, miscellaneous personal expenses, applicable federal student loan fees, and travel expenses. Each student who applies for federal financial aid receives a Cost of Attendance estimate to determine eligibility for aid. For Cost of Attendance amounts, please see the Financial Aid website: http://financialaid.byu.edu/cost-of-attendance.

BYU uses the Free Application for Federal Student Aid (FAFSA) to determine a student's EFC. All students applying for federal financial aid must complete this form. To reduce the chance of delays, students and their parents are encouraged to read instructions carefully, complete all forms correctly, and submit any requested documents in a timely manner.

Enrollment Services Counselors are available and eager to assist with the application process, and can be reached by calling 801-422-4104.

## Eligibility Requirements

Applicants for federal financial aid (Federal Pell Grants, Federal Direct Subsidized and Unsubsidized Loans, and Federal Direct PLUS Loans) must be U.S. citizens, permanent residents or eligible non-citizens. In addition, students must maintain satisfactory academic progress to have federal financial aid disbursed to them.

Students who have a baccalaureate degree and are returning to receive a teaching certificate may also apply for Federal Direct Subsidized and Unsubsidized Loans if they have a cumulative 2.0 GPA and are admitted to the teacher licensure program. In addition, post-baccalaureate students may be eligible for Federal Direct Subsidized and Unsubsidized loans if they are enrolled in prerequisite courses for admission to a graduate program.

Rules and regulations governing the disbursement of federal financial aid are subject to change. Contact the Financial Aid Office if you have additional questions regarding your eligibility for financial assistance.

All financial aid is administered in compliance with BYU's nondiscrimination policy, which can be found at https://policy.byu.edu/view/nondiscrimination-and-equal-opportunity-policy.

# Scholarships

Brigham Young University offers scholarships to select students on the basis of various factors, including academic excellence and financial need, as an investment in their education. Scholarship funds are provided through the tithes of the Church of Jesus Christ of Latter-day Saints and the offerings of generous individuals. They are given to encourage continued commitment to spiritual and intellectual growth. The gift of a scholarship assumes an obligation on the part of the recipient to use that investment to prepare for expanded and purposeful service in families, communities, and the world. We endorse the principle of replenishment and invite all to make a similar investment in someone else's future by contributing to the university's scholarship programs when in a financial position to do so.

Although the contributions of the Church and others have been generous, funds are still insufficient to award all students. Consequently, policies and procedures have been established to better ensure fairness in awarding available scholarship funds consistent with the university's aims and donors' wishes.

For additional information about our policies and procedures, please contact the Financial Aid Office:

**Address**:
A-41 ASB
Provo, UT
84602-1009
**Telephone**: (801) 422-4104
**E-mail**: scholarships@byu.edu
**Web**: https://enrollment.byu.edu/scholarships

The majority of BYU scholarships are awarded to students based on academic merit and financial need. After the scholarship application deadline, students are ranked by their academic performance and financial need. Beginning at the top of the ranked order, scholarships are awarded until funds are exhausted.

BYU scholarships are not renewable, and most are awarded for two semesters only unless otherwise specified. To receive future consideration, students must reapply every year by the appropriate deadline. Applicants must also officially declare a major by the end of their sophomore year.

## Alumni Association

Generations of BYU students have benefited from the generous support of the Church and private individuals. With that support they have received a first-rate education that has helped them "go forth to serve." Part of that service includes providing for the education of future generations.

Applicants for the Alumni Replenishment Grant are considered based on need and other criteria along with a moral commitment to repay the amount of the grant, so that future students can receive and continue such financial assistance.

**Alumni Association Replenishment**

The Alumni Association Replenishment Grant is available to junior, senior, and graduate students whose total cost of education may not be met through other financial aid programs. Scholarships are awarded annually in amounts equal to half or full LDS tuition. The scholarship recipients will be asked to replenish the fund once they are in a financial position to do so.

To be considered, both the cumulative and BYU GPA must be at least 3.0 by the end of fall semester. Applicants must also demonstrate financial need and be willing to replenish the scholarship fund at a later date. To apply, complete the online scholarship application available through myBYU, including the Financial Need section as well as the Alumni Replenishment Grants section.

**Alumni Association Regional Replenishment**

Several chapters of the BYU Alumni Association offer replenishment grants to students whose permanent residence lies within their boundaries.

To apply, complete the online scholarship application available through myBYU, including the Financial Need section as well the Alumni Regional Replenishment Grants section.

## Athletic

The university awards grants-in-aid to outstanding athletes who qualify under conference and NCAA rules and regulations.

For program applications, deadlines, and additional information, apply directly to the coach of the sport in which you wish to participate or contact Intercollegiate Athletics:

**Address**:
331 SAB
Provo, UT
84602
**Telephone**: (801) 422-2046
**E-mail**: athletics@byu.edu

## College and Departmental

In addition to the scholarship programs described in this bulletin, other private scholarships are available through the colleges and some departments. Students can check with their college or department for additional information and applications.

## International

International students are eligible to apply for academic scholarships as new incoming freshmen, former or continuing students. Transfer students must complete a minimum of 12.0 credits of regular course work before they are eligible to be considered for academic scholarships offered by the Financial Aid Office. Scholarships are awarded on a yearly basis. Check the Financial Aid website for scholarship application deadlines.

## International Study Programs

The International Study Programs Office offers scholarships and grants to assist undergraduate students participating in its programs. These program discount award amounts vary depending on financial need, GPA, year in school, major, length and type of program, and other pertinent factors.

To apply, students must apply for a program through the ISP website, and complete the ISP Financial Aid portion of that application. All applicants must have a minimum 3.0 GPA, as well as a current FAFSA on file with BYU. The FAFSA is found at www.fafsa.ed.gov.

For program applications, deadlines, and additional information on scholarships, please contact International Study Programs:

**Address**:
101 HRCB
Provo, UT
84602
**Telephone**: 801-422-3686
**Email**: isp@byu.edu
**Website**: http://kennedy.byu.edu/isp/.

## Jerusalem Center

The Jerusalem Center for Near Eastern Studies offers financial aid to undergraduate students participating in the various Jerusalem Center study programs. This financial aid is administered under the following categories:

*Grants* are awarded primarily on the basis of financial need. These grants will vary according to the applicant's financial need and the funds available. Individual FAFSA information must be on file at BYU for students to be considered.

*Scholarships* are awarded primarily on the basis of academic performance and will vary as stated above. A minimum GPA of 3.50 is required to be considered.

For program applications, deadlines, and additional information, contact the Jerusalem Center Office:

**Address**:
101 HCEB
Provo, UT

84602-1524
**Telephone**: (801) 422-6017
**E-mail**: jerusalem@byu.edu
**Website**: http://jerusalemcenter.ce.byu.edu

## Need-Based

BYU budgets a number of need-based awards for U.S. citizens, permanent residents, and eligible non-citizens. Each applicant's circumstances and resources are reviewed and evaluated; unfortunately, there is always more need than available funding. Interested students must complete the Financial Need section of the scholarship application available through MyBYU, as well as the FAFSA (Free Application for Federal Student Aid), by the appropriate deadline. Dependent and independent students younger than 30 years of age must submit parental information on the FAFSA to receive consideration.

## Other Private

Generous friends of the university have contributed a number of private scholarships. Many of these scholarships carry specific stipulations and restrictions. To be considered for these scholarships, complete the online scholarship application available through MyBYU, including the Other Scholarships section if applicable.

## Research

The following scholarships promote and reward research:

The Undergraduate Scholarship Awards are given to a select number of students in good academic standing—generally juniors and seniors—to fund research projects. To obtain the application instructions and guidelines, deadlines, and additional information, contact the Office of Research and Creative Activities

**Address**:
A-285 ASB
Provo, UT
84602-1231
**Telephone**: (801) 422-3841

Students should also contact their department and college to learn about other research opportunities and awards.

## ROTC

Both the Army ROTC and the Air Force ROTC offer competitive scholarships to qualified students enrolling in their programs. ROTC scholarship recipients may receive full tuition and fees, or housing and food, plus a book allowance each semester. In addition, both scholarship and non-scholarship cadets who are contracted with ROTC receive a monthly stipend [$300 (up to $500) a month as they progress through the program]. For further information and application requirements, contact the Military Science Department (Army ROTC):

**Address**:
320 Wells ROTC Building
Provo, UT
84602-8301
**Telephone**: (801) 422-7725
**E-mail**: armyrotc@byu.edu

Or the Aerospace Studies Department (Air Force ROTC):

**Address**:
380 Wells ROTC Building
Provo, UT
84602-8301
**Telephone**: (801) 422-2671
**E-mail**: afrotc@byu.edu

## Students with Disabilities

Generous donors have established a few private scholarships to assist students with disabilities. Because funds are limited, the Scholarship Committee will consider the nature of the applicant's disability and its impact on his or her ability to function in class and earn a living. Academic performance and financial need will also be considered. Interested students must complete the appropriate section of the scholarship application available through myBYU and submit appropriate current documentation of the disabling condition from a licensed professional to the University Accessibility Center:

**Address**:
2170 WSC
Provo, UT
84602
**Telephone**: (801) 422-2767

## Talent Awards

BYU offers talent awards in the areas of communications, dance, music, theatre and media arts, and art. For these awards, demonstrated talent is a more important criterion than scholastic achievement. Awards range in value from $100 to full tuition for one year. For further information and application materials, contact the appropriate department directly:

*Art*: Department of Art

**Address**:
E-509 HFAC
Provo, UT
84602-2500
**Telephone**: (801) 422-2064
**E-mail**: e509frontdesk@byu.edu

*Communications*: School of Communications

**Address**:
360 BRMB
Provo, UT
84602-6403
**Telephone**: (801) 422-2997
**E-mail**: comms_secretary@byu.edu

*Dance*: Department of Dance

**Address**:
294 RB
Provo, UT
84602-2005
**Telephone**: (801) 422-5087
**E-mail**: dance@byu.edu

*Design*: Department of Design

**Address**:
E-509 HFAC
Provo, UT
84602-2500
**Telephone**: (801) 422-7321
**E-mail**: e509frontdesk@byu.edu

*Music*: School of Music

**Address**:
C-550 HFAC
Provo, UT
84602-6410
**Telephone**: (801) 422-6304
**E-mail**: music@byu.edu

*Theatre and Media Arts*: Department of Theatre and Media Arts

**Address**:
D-581 HFAC

Provo, UT
84602-6405
**Telephone**: (801) 422-6645
**E-mail**: tmasec@byu.edu

## General University Scholarship Policies

Students granted university scholarships must do the following to claim their award:

1. Abide by the Honor Code and adhere to the Dress and Grooming Standards of BYU, and
2. Register as a full-time student and complete a minimum of 12 credit hours per semester.

   Note: Scholarships may be applied to approved International Study Programs and the BYU Jerusalem Center. Scholarships may not be used for Independent Study or Continuing Education courses, BYU-Idaho or BYU-Hawaii courses, audited classes, or credit earned through special examination.

Additional provision:

Students who have received scholarships for a total of eight semesters, excluding spring and summer terms, are ineligible for future fall/winter scholarships through the Financial Aid Office, but may be considered for spring/summer scholarships.

**Discontinuance**

A student claims a scholarship by registering for classes and using the scholarship to pay tuition. If the student then does not attend school or, once enrolled, discontinues, the scholarship will be cancelled and the student will be billed for the appropriate tuition and discontinuance fees. Students who need to discontinue because of illness, injury, or extenuating circumstances should contact Enrollment Services (D-155 ASB) for appropriate action.

**Note:** Exceptions to these policies may sometimes be granted according to individual needs and circumstances. Students wanting an exception must submit a formal written petition to the Financial Aid Office prior to the necessary change.

Petitions may be submitted to:

**Address**:
D-155 ASB
Provo, UT
84602
**E-mail**: sch-petitions@byu.edu.

# BYU Short-Term Loan

A short-term loan is available to full- or part-time day students or full-time evening students admitted to day school. A student may borrow up to the cost of tuition only and the loan must be repaid during the same semester or term in which the money is borrowed. The loan is not available for Independent Study, job interviewing, or debt payments. Students can apply for a short-term loan by logging in to myBYU and, under campus links, clicking *School > My Financial Center > My Accounts > BYU Short Term Loan*.

# Federal Programs

## Federal Pell Grant

A Federal Pell Grant is awarded by the U.S. Department of Education based on financial need. A Pell Grant is not a loan and does not have to be repaid. Only undergraduate students who have not already earned a bachelor's degree are eligible for a Pell Grant. (Students who pay graduate tuition are not eligible.) Pell Grant payments are disbursed one semester at a time and are prorated based on eligible hours for which a student is enrolled (spring and summer term hours are combined).

- 12.0 or more semester hours equal a full-time payment.
- 9.0–11.5 semester hours equal a three-quarter-time payment.
- 6.0–8.5 semester hours equal a half-time payment.
- Fewer than 6.0 semester hours equal a less-than-half-time payment.

In determining eligible hours for federal aid, please note that:

1. Audit hours, hours through Special Courses and Conferences, and hours obtained by challenge exams may not be used.
2. Salt Lake Center, Study Abroad, and Jerusalem Center classes, etc., may be used only during the term or semester for which the student is admitted to BYU day school.
3. Classes taken for a third time at BYU may not be used.

## William D. Ford Direct Loan Program

Direct Loans are available to undergraduate and graduate students. Students must meet the eligibility requirements described previously. Undergraduate students must be enrolled in at least 6.0 credit hours per semester or term; graduate students, at least 4.5 credit hours per semester or term. Audit hours, hours through Special Courses and Conferences, and hours obtained by challenging classes may not be used in determining hours. Repayment begins six months after a student graduates, drops below half-time enrollment, or discontinues from the university.

The Direct Loan Program offers the following types of loans:

- Subsidized—based on financial need as determined by a student's EFC. The government pays the interest on the loan while the student is enrolled in school at least half-time, during the grace period, and during deferment periods. Subsidized loans are not available to graduate students.
- Unsubsidized—not based on financial need and interest begins to accrue once the loan is disbursed. Students who receive subsidized loans may also receive unsubsidized loans. Students may choose to make interest payments while they are in school or during deferment/grace periods.
- Parent PLUS—for parents of dependent students. Like the unsubsidized loan, interest begins to accrue once the loan is disbursed. PLUS Loans go into repayment 60 days after the loan is fully disbursed, unless a deferment is approved. Parents may borrow up to the student's Cost of Attendance minus any financial aid received by the student. A credit check is done and the loan is generally approved unless there is an adverse credit history. For students whose parents are denied a PLUS Loan, an additional unsubsidized loan may be approved.
- Graduate PLUS—for graduate and professional students. Like the Parent PLUS Loans, interest begins to accrue once the loan is disbursed. An in-school deferment is automatically applied to Graduate PLUS loans, which includes a six-month grace period after the student drops below half-time enrollment (we encourage students to confirm this with their loan servicers). Students may borrow up to the Cost of Attendance minus any other aid they receive. A credit check is made, and if there is no adverse credit history, the loan is generally approved.

To avoid the burden of excessive debt, students should consider other forms of financial aid such as grants, scholarships, part-time employment, savings, and family assistance. Students should also contact their state educational agency to apply for state grants and other state aid that may be available. High school counselors and employers may also provide information regarding other sources of financial aid.

## Satisfactory Academic Progress (SAP)

Federal regulations require schools to establish, publish, and apply reasonable standards for determining whether a student receiving federal financial aid is maintaining satisfactory academic progress in his or her course of study. Satisfactory Academic Progress is measured using qualitative and quantitative standards as follows:

### *Undergraduate Students*

Qualitative Standard

Maintain a cumulative GPA of 2.0 or higher (includes transfer credits).

Quantitative Standards

*Pace (Rate of Progress)*: Students must successfully complete at least 66.67% of all credits attempted. Rate of progress is determined by dividing the total number of earned hours by the total number of attempted hours.

- Earned hours include letter grades A, B, C, D, and P.
- Attempted hours include earned hours and all non-progress hours, E, I, IE, UW, W, WE, and T, as well as repeated hours, transfer credit, AP and IB credit, foreign language examination credit and other examination credit.
- For transfer students, W's, E's, IE's, and UW's from the transfer institution are excluded when calculating rate of progress.

*Maximum Time Frame (Attempted Hours)*: Federal regulations allow for a student to attempt 150% of the number of credit hours required for graduation. The majority of BYU undergraduate degree programs require 120.0 hours. This allows a maximum time frame of 180.0 attempted credit hours as defined above. For students in majors requiring more than 120.0 hours, the maximum attempted hours will be adjusted to 150% of the number of hours needed for graduation.

The following adjustments to the maximum attempted credit hour limit will also be made automatically by the Financial Aid Office:

- Exclude transfer credits and/or AP/IB credits which do not satisfy university core or major/minor course requirements.
- Increase the maximum attempted credit hour limit to include hours required for one additional major, excluding hours which fulfill other BYU graduation requirements.

### *Graduate Students*

Qualitative standard based on assessment by Graduate Studies Office:

- Graduate programs evaluate students' progress as "satisfactory," "marginal," or "unsatisfactory." Only students with a "satisfactory" or "marginal" designation meet SAP.
- Students must maintain a cumulative GPA of 3.0 or higher.

Quantitative standard of maximum time frame defined by program of study:

- Master's and Doctoral candidates must complete their degree within 150% of the number of credit hours required for their program of study. The majority of BYU Master's programs require 30 hours, while Doctorate programs require 45 hours.

### *Review of SAP*

SAP components are evaluated at the end of each term when grades post to determine future eligibility.

- Students who "pass" this review meet SAP and will be eligible for federal financial aid for the next term in which they enroll.
- Students who fail to meet the SAP review are allowed one term on "warning" in which they are allowed to receive federal financial aid and work to improve their academic record in hopes of meeting the SAP standards again.
- Students who successfully complete the "warning" term and improve their record to "pass" the SAP review will be eligible for federal financial aid for the next term in which they enroll.
- Students who "fail" the SAP review at the end of the warning term do not meet SAP and will not be eligible for federal financial aid for the subsequent term(s) in which they do not meet the SAP standards. Students will be notified of their failed SAP status by the Financial Aid Office via YMessage.
- If GPA, Pace, and overall assessment (graduate students only) later improve above the minimum requirements, SAP may be rehabilitated. Students once again become eligible for aid in future enrollments if they meet all other requirements.

### *Petition for Override of SAP*

In rare circumstances, a student who has extenuating reasons for not meeting SAP may meet with his or her Enrollment Services Counselor to determine if a financial aid probation period is appropriate.

## Important Tax Information

Under the Tax Reform Act of 1986, only scholarship, fellowship, benefit, and grant amounts used for tuition, fees, books, supplies, and equipment required for courses of instruction are excluded from the recipient's gross income. Any of these funds used for other expenses, such as room and board, must be included in income. If funds are received from any of these sources, a detailed record should be kept of all expenditures for tuition, fees, books, and required equipment and supplies. For more detailed information, consult a personal tax advisor.

## Exception to University Financial Aid Policy

Students desiring an exception to university Financial Aid Policy must meet with their Enrollment Services counselor to discuss their situation. Students may call 801-422-4104 to schedule an appointment.

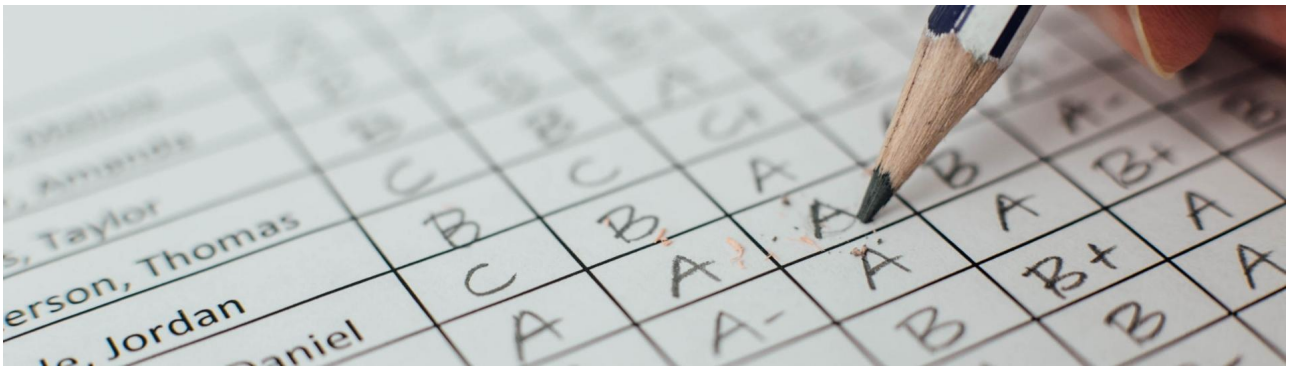
## Additional Information Regarding Financial Aid

We invite students with questions regarding financial aid at Brigham Young University to visit: http://financialaid.byu.edu.

## Estimated College Expenses

*On entering the university, students are responsible for making arrangements to cover enrollment expenses and should have sufficient funds on hand for at least the first semester.*

For estimated costs, please see the Financial Aid website: http://financialaid.byu.edu/cost-of-attendance.




## Grading & Records

The current Grading & Records policy can be found at https://policy.byu.edu/view/academic-credit-grades-and-records-policy.

## Graduation

## Graduation

## Application for Graduation

All students desiring to graduate must apply for graduation. Students applying for the bachelor degree should do so by the appropriate deadlines for graduation. The deadlines for each graduation are listed below:

September 15 for December graduation (no graduation ceremonies)
November 15 for April graduation (graduation ceremonies held in April)
February 15 for June graduation (no graduation ceremonies)
February 15 for August graduation (no graduation ceremonies)

In order to apply for graduation, students must have an active ecclesiastical endorsement covering the semester in which they plan to have their degree awarded. Students access the online graduation application through the "Apply for Graduation" link in the "School Menu" on MyBYU. After submitting the online graduation application, the student account will be charged a one-time $15.00 fee for graduation and the student will be instructed to contact their individual college advisement center (if applicable) to finish the graduation application process. Students will be notified of the status of their graduation application via email.

Students who apply after the deadline dates will need to contact their college advisement center to be considered for graduation. Graduation Services will notify students of graduation deadlines and procedures via email.

Visit enrollment.byu.edu/media/g_howtoapply for more details.

# Attendance at Commencement

All candidates for graduation are encouraged to attend the commencement and convocation ceremonies. Commencement ceremonies are held in April and include all students graduating the previous December through the immediately following August. Students must have applied for graduation and been submitted by their individual college advisement center by the deadline in order to be listed in the convocation programs. If a student has an Honor Code hold two weeks prior to commencement, their name may be removed from the convocation program. If the hold is removed after the convocation program goes to the press and prior to convocation ceremonies, the student is authorized to participate: programs will not be reprinted to include the name but their name will not be listed in the program. Diplomas will be mailed to students after all grades are posted to their official record and all graduation requirements are certified complete.

Participating in the commencement and convocation ceremonies does not guarantee graduation. Graduation is conditional on the verification of completion of all graduation requirements.

# Deadlines for Transfer, Correspondence, and Incomplete Credit

All incomplete grades must be removed from the student's record, special examinations must be passed and recorded, and all transfer credit for required classes must be on file in the Registrar's Office at least four weeks before the official university graduation day. Any BYU Independent Study coursework (including finals) needed for graduation must be completed at least three weeks before the official university graduation day.

# Earning Lower Degree After Receiving Higher Degree

A person having already earned a baccalaureate degree or higher from any institution, including BYU, is ineligible to earn a baccalaureate degree at BYU.

# Adding a Program to a Completed Degree

A person who has a completed undergraduate degree is ineligible to add a second major or a minor to their official record.

# Independent Study Credit

A maximum of 36 semester hours of Independent Study credit may be applied toward the 120-semester-hour requirement for a baccalaureate degree.

**Note:** See the Bachelor of General Studies section of this catalog for BGS requirements.

# Scholastic Recognition (for undergraduates only)

## University Honors

The requirements for graduation with University Honors complement both major and university core education. The honors curriculum includes and enhances the university core components; the honors thesis requirement enhances the major education component. The staff in the Honors Advisement Center, 350D MSRB, (801) 422-5497, is available to answer questions about the program. A more detailed explanation of the Honors Program is available in the Honors Program section of this catalog.

## Latin Scholastic Distinctions

Latin Scholastic Distinctions at graduation are determined by GPA for the top 10 percent of the graduating seniors based on (1) cumulative total and (2) BYU grade point averages. This includes all coursework earned in integrated bachelor and master programs.

*Summa Cum Laude* is awarded on the basis of grade point average to the top 1.0 percent of the baccalaureate candidates who have earned a minimum 45 semester residency hours of credit at BYU.

*Magna Cum Laude* is awarded on the basis of grade point average to the top 1.1 to 5.0 percent of the baccalaureate candidates who have earned a minimum 45 semester residency hours of credit at BYU.

*Cum Laude* is awarded on the basis of grade point average to the top 5.1 to 10.0 percent of the baccalaureate candidates who have earned a minimum 45 semester residency hours of credit at BYU.

# Graduation Requirements

## Baccalaureate Degree Requirements

The baccalaureate degree is awarded for completion of a specified program of university study. It recognizes important changes in outlook, understanding, and proficiency that result from university experience. At BYU this program of study includes the University Core, the discipline of a specific major, university requirements, and each student's choice of electives.

The average number of BYU credit hours that BYU graduates earn is 128. Students ought to work toward graduating near the 130 credit hour mark.

## University Core Requirements for the Baccalaureate Degree

See the University Core section of this catalog for complete information.

## Major Requirements for the Baccalaureate Degree

See specific major requirements in the Academic Departments/Schools/Areas, Degrees, and Courses section of this catalog.

## Minimum University Requirements

**Residency Requirement**

At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student to qualify for a baccalaureate degree. Credit earned through BYU Online courses taken by matriculated BYU students counts toward satisfying the residency requirement. Credit earned at the Salt Lake Center, Jerusalem Center, or through Study Abroad, Independent Study coursework, or examination does not count toward satisfying the residency requirement.

**Total Credit-Hour Requirement**

A candidate for a baccalaureate degree must complete a minimum of 120 credit hours.

**Grade Point Average Requirement**

To graduate from BYU, students must earn a minimum 2.0 cumulative BYU grade point average and a minimum 2.0 total cumulative grade point average. Students must also meet any stipulated minimum grade point average requirements in their major.

**Honor Code Requirement**

Students must be in good standing with the Honor Code Office and have a current ecclesiastical endorsement. In unusual circumstances, a student may petition the Dean of Students Office to allow an exception to the ecclesiastical endorsement requirement under the process set forth in the Church Educational System Honor Code section.

## D Credit

Students may use a BYU course in which they receive a D- ("minimum passing") to complete major, minor, religion, or general education requirements. Those receiving a D- in a course will not be required to retake the course unless a higher minimum grade is stipulated in a degree program or course sequence description in the undergraduate or graduate catalog.

Courses taken at other colleges or universities with D grades will count toward the total hour requirement for graduation, but will not fill BYU university core requirements and in most instances will not fill major requirements.

## Academic Degree Granting Program/Major

Any combination of courses and/or requirements constituting a program of study that leads to a primary or secondary degree, emphasis, or specialization on the academic transcript.

## Major Requirements

The curricular requirements of a specific major must be satisfactorily completed, including any additional departmental requirements related to the major. A minimum of 20 credit hours in the major must be completed in residence as an admitted day student, 10 of these on the BYU campus in Provo.

Students must select and declare a major by the time they have 60 earned BYU credit hours (excluding language exam credits). Once a student has 75 earned BYU credit hours (excluding language exam credits), they will not be allowed to change their major, unless special permission is granted.

In order to encourage timely progress towards graduation, advisement centers may require mandatory advisement before students are allowed to register for classes. Deans, in consultation with advisement centers, may also place registration holds and mandate specific course completion in order to facilitate a timely graduation.

## Double Major

Second majors (exclusive of some language second majors) are rare and *must be approved* by the college advisement center supervisors involved and the dean of the college responsible for the primary major. The second major *proposal and approval process* requires an evaluation of all University Core and major requirements and a time-to-graduation analysis. Petitions for a double major must be submitted prior to earning 75 BYU hours (excluding language exam credits). College advisement centers are prepared to assist interested students in this process. Courses used to satisfy the requirements of a student's major can also be used to satisfy the requirements of an approved second major, unless not permitted by the requirements of the proposed second major. Students who graduate with a second major only receive one degree (i.e. BA or BS) and one diploma. The degree earned will be the one associated with the primary major and only the primary major will be listed on the diploma.

## Minors

If students plan to include the option of a minor (or minors), it should be declared early and strategically in their academic path in order to achieve a purposeful connection to their career and/or graduate school goals. However, if students wait to add an optional minor and in the meantime have accumulated a high number of credit hours, they may be required to meet with their major academic advisor and may also need to prepare a formal petition (including a detailed graduation plan) for minor addition consideration. Individual practices and policies may vary from college to college.

## Changes of Requirements

University graduation requirements are occasionally modified or changed. The university informs students of such modifications through the online catalog, online class schedules, and all advisement centers on campus. Students who leave the university for an extended period of time may be informed of such changes through these sources.

## Policy on Previous Graduation Requirements and Credit

Brigham Young University is committed to providing its students with an excellent university education consisting of a broad general education that includes religious education and a strong major education. Programs of the university change and develop in the continuing effort to make learning and experience as valuable as possible. Development, growth, and improvement are expected parts both of our lives and our institutions. It is because of the commitment to a superb education that the university's programs develop and improve and that students are expected to meet the current standards of the university when they graduate, even though they may have begun their studies long ago under quite different expectations.

Students who complete a baccalaureate degree within eight academic years of enrollment at BYU qualify for graduation by meeting those religion, university, and general education requirements in effect when they initially enrolled, even though there may have been changes in general education and religion requirements since that time.

In addition, students who complete a baccalaureate degree within eight academic years of enrollment at BYU qualify for graduation by meeting those major education requirements in effect when they officially declared the major with which they plan to graduate even though such declaration was made at some point following their original enrollment. (A student officially declares a major one of two ways: [1] by indicating the choice of major on part 2 of the CES Admission and Scholarship Application or [2] by submitting a request using the "Change Major Request" link in the MyMAP Plan tab Tools sidebar.)

Students have eight years from the time of their initial enrollment in which to complete all requirements for graduation. Students who have not graduated within eight years of their initial enrollment at BYU will be required to meet with an academic advisor in the area of their primary major to determine major and university core graduation requirements and the use of credit previously earned. Where University Core or major requirements have changed or where credit previously earned was in an area of substantial change, students may be required to do additional work to meet graduation requirements.

After discussion with an academic advisor, students may petition the Dean of Undergraduate Education to accept old general education courses to fulfill current general education requirements. This means that credit earned more than eight years before admission or readmission (including transfer credit) may be accepted to meet general education or major graduation requirements at the discretion of the university.

All students who receive undergraduate degrees from BYU are required to complete the University Core requirements unless 1) a student is on the previous GE program and within eight years of initial enrollment; or 2) a student is granted an exception by the Dean of Undergraduate Education.

BYU offers the Bachelor of General Studies to assist students who are unable to come back to campus to finish their degrees.

## Advisement

An important corollary of the university's commitment to provide its students with an excellent university education is its commitment to help students find their way through their programs effectively and efficiently. Students whose educational experience has extended beyond eight years from the time of initial enrollment and who find that changes in programs will require additional work and preparation should consult with college or department advisors for help in planning their schedules in the best and most encouraging way possible.

The university's requirement that a student graduate under current or very recent standards is meant to benefit the student and is in no way established to deter a determined person from returning to the university after years away. Good advisement can be of great help in working out a program of study at the university, taking into account individual needs, concerns, and experience.

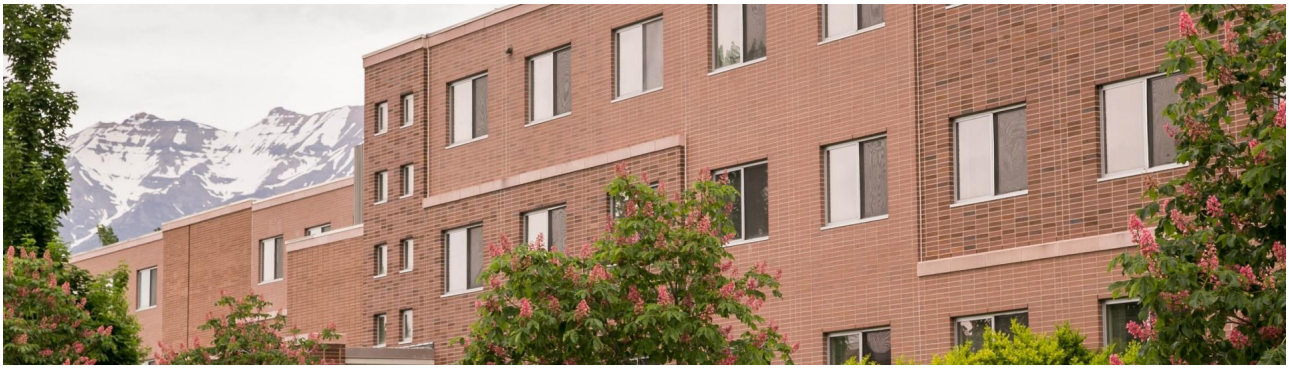
## MyMAP

BYU offers students a helpful academic planning system (MyMAP) that enables them to plan their academic progress towards graduation. MyMAP is an online tool students may use to plan specific courses to fill University Core, major, minor, and elective requirements, and organize those courses into semesters/terms. In addition, students may register for these courses using the Register tab. Easy access to course descriptions can be found on any MyMAP tab by simply clicking on the course title. As a student fully utilizes MyMAP, they will find that they have important information at their fingertips. Students may access MyMAP under the School section of MyBYU.

To learn more about MyMAP go to https://registrar.byu.edu/mymap.

## Honor Code

The current Honor Code policy can be found at https://policy.byu.edu/view/church-educational-system-honor-code.

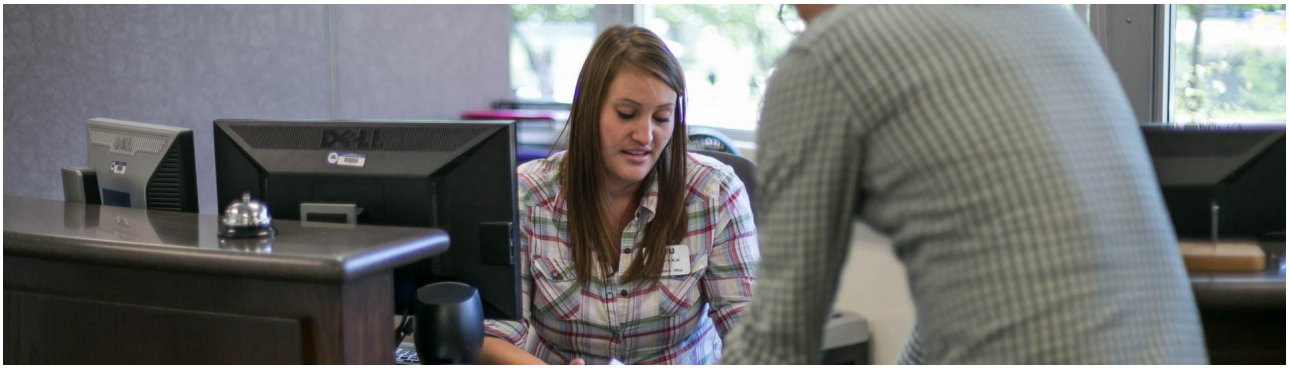


## Housing

The current Housing policy can be found at https://policy.byu.edu/view/student-housing-policy.

## Nondiscrimination

The current Nondiscrimination and Equal Opportunity policy can be found at https://policy.byu.edu/view/nondiscrimination-and-equal-opportunity-policy.



## Petitions

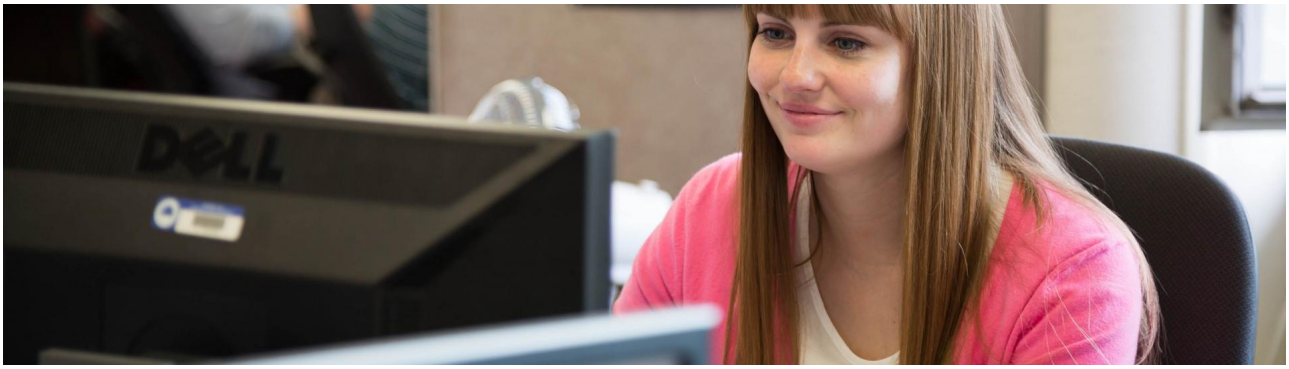
Students who encounter a non-academic emergency or circumstance affecting the academic record may submit a petition asking for an exception to university policy by providing justification and documentation to support the request. Possible requests may include adding or withdrawing from a class after the respective deadlines, adding challenge exam credit, or extending an incomplete contract deadline beyond one year from the end of the semester.

Situations that may **not** be petitioned through the Registrar's Office are:

- Reinstatement after being deleted for nonpayment of tuition (see Enrollment Services, D-155 ASB)
- Removal of transfer credit from a transcript
- Verification that a student is full time if they are not.

Any petitions for exceptions to academic records policies must be submitted to the Registrar's Office within **one year** from the semester or term in question.

Petition forms and additional information concerning petitions may be obtained at the Registrar's Office (B-150 ASB) or at https://petitions.byu.edu.



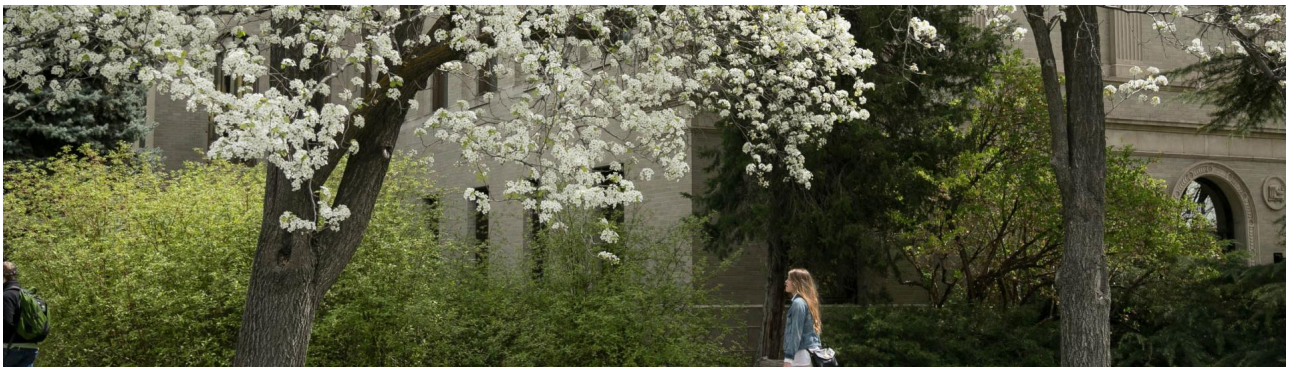

## Registration

The current Registration policy can be found at policy.byu.edu.

## Sexual Harassment

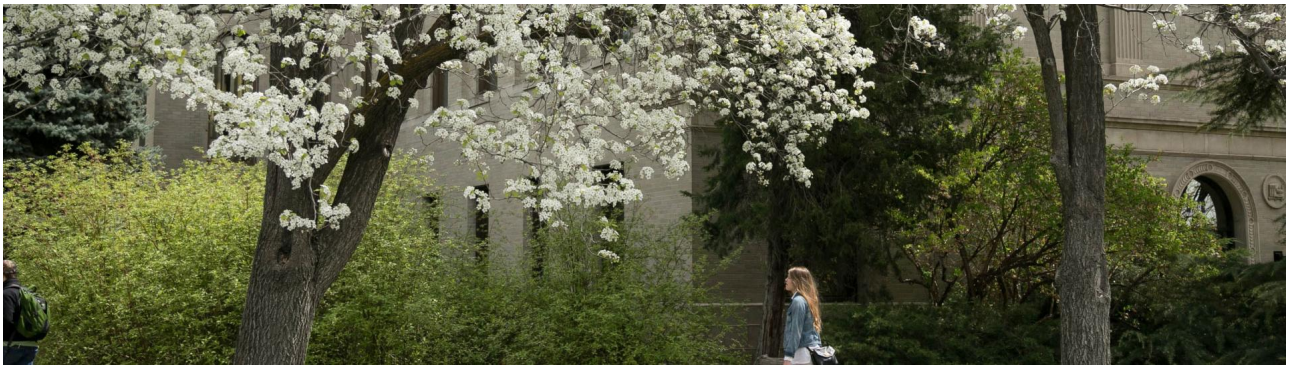
The current sexual harassment policy can be found at https://policy.byu.edu/view/sexual-harassment-policy.

## Title IX



### Title IX

As required by Title IX and its implementing regulations, BYU does not discriminate on the basis of sex in the education program or activity that it operates, including in admission and employment. Inquiries about the application of Title IX to BYU may be referred to BYU's Title IX Coordinator or to the Assistant Secretary for Civil Rights of the U.S. Department of Education or both. For more information about BYU and Title IX, visit https://titleix.byu.edu/.



# Transfer

### Evaluation of Transfer College Credit

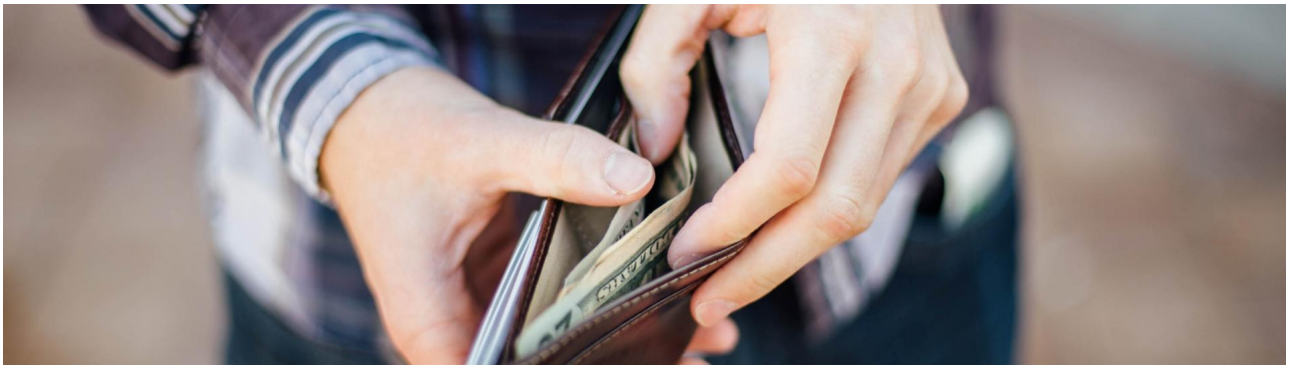
All college transcripts must be provided to BYU as part of your admission. These transcripts must show final grades for all classes registered. Transfer Services in the Registrar's Office will determine the transferability of undergraduate credit to BYU.

In determining transferability of credit the following criteria will be considered: comparable credit hours, course level, seat time, and course descriptions. Vocational credit may not be accepted, even if earned at an accredited institution.

Additional factors that can affect the transfer of credit:

1. Military courses are evaluated using the ACE recommendations in the upper-division baccalaureate category from the Guide to the Evaluation of Educational Experiences in the Armed Services.
2. Official verification that the lower-division general education requirements for a bachelor's degree have been completed is accepted from any regionally accredited college or university. The general education curriculum at that school must represent a broad university education and be comprised of a minimum of 30 semester credit hours. This official verification will complete most of the BYU general education requirements with the exception of American Heritage, Advanced Written and Oral Communication, Languages of Learning (unless a comparable class has been taken as part of the lower-division GE prior to coming to BYU), and BYU religion requirements. The remaining general education requirements may be satisfied by transferring equivalent courses or completing them at BYU. Students who have questions about the completion of university core courses are invited to contact the Transfer Team in the BYU Registrar's Office, (801) 422-8522, for further information.
3. Credit is evaluated on a course-by-course basis for students who do not complete an associate of arts or science degree. Transfer guides have been established for some of BYU's main feeder institutions. A list of these transfer guides can be found at https://enrollment2.byu.edu/transfer-guides.
4. Credit earned more than eight years before admission or readmission (including transfer credit) may, at the discretion of the university, be accepted to meet general education and university graduation requirements as well as major requirements.
5. Credit earned from an LDS institute of religion must be posted to an official CES transcript.

# Tuition & Fees



# Tuition & Fees

The current Tuition & Fees policy can be found at https://policy.byu.edu/view/tuition-and-fees-policy.

# Tuition Rates

Tuition rates for the 2023–2024 academic year are as follows:

**2023-2024 Tuition**

| Undergraduate Students | | | | | | |
|---|---|---|---|---|---|---|
| Semester Charges | | | | Term Charges | | |
| Credit Hours | Latter-day Saint | Non-Latter-day Saint | | Credit Hours | Latter-day Saint | Non-Latter-day Saint |
| 12.0 + | $3,248 | $6,496 | | 6.0 + | $1,624 | $3,248 |
| 9.0 – 11.5 | $3,086 | $6,172 | | 4.5 – 5.5 | $1,543 | $3,086 |
| 0.5 – 8.5 | $342/credit | $684/credit | | 0.5 – 4.0 | $342/credit | $684/credit |
| Graduate Students* | | | | | | |
| Semester Charges | | | | Term Charges | | |
| Credit Hours | Latter-day Saint | Non-Latter-day Saint | | Credit Hours | Latter-day Saint | Non-Latter-day Saint |
| 8.5 + | $4,048 | $8,168 | | 4.5 + | $2,024 | $4,084 |
| 0.5 – 8.0 | $480/credit | $960/credit | | 0.5 – 4.0 | $480/credit | $934/credit |
| Graduate School of Business and Law School Students | | | | | | |
| Semester Charges | | | | Term Charges | | |
| Credit Hours | Latter-day Saint | Non-Latter-day Saint | | Credit Hours | Latter-day Saint | Non-Latter-day Saint |
| 8.5 + | $7,538 | $15,076 | | 4.5 + | $3,769 | $7,538 |
| 0.5 – 8.0 | $887/credit | $1,774/credit | | 0.5 – 4.0 | $887/credit | $1,774/credit |

The university reserves the right to change tuition and fees without notice.

* Includes all students who have previously received a Bachelor's degree—even if enrolled in undergraduate courses.

Tuition for spring-summer length classes will be calculated as if 1/2 of the credit hours were allocated towards spring term and 1/2 towards summer term. However, the full amount calculated for spring-summer length classes will be billed along with spring term and will be subject to the normal spring term deadlines.

## Short-Term Loans

The university makes short-term loans available to assist students to meet the tuition payment deadline. These loans are intended to be used for short-duration financing needs. Short-term loans are due as follows:

| Registration Period | Due Date |
|---|---|
| Fall 2023 | November 1, 2023 |
| Winter 2024 | March 1, 2024 |
| Spring-Summer 2024 | |
| Spring 2024 | June 1, 2024 |
| Summer 2024 | August 1, 2024 |

A $20 processing fee will be charged for each short-term loan. No interest is charged on those loans if they are paid by the due date. Short-term loans outstanding after the due date bear interest at the rate of 12 percent per annum. Holds on registration for future semesters or spring-summer(s) are placed on all student accounts the day the short-term loan is disbursed and are not released until the loan is paid in full. This may affect the ability of some students to take advantage of priority registration.

## Pro-Rata Charges for Dropped Classes

Students may drop classes without penalty through the add deadline. After the add deadline, tuition will be recalculated based on the student's current enrollment status. A pro-rata tuition charge will be applied after the add deadline for dropped classes that result in reduction in the original tuition charge. The pro-rata charge applies to tuition and most class fees. Certain class fees relate to the delivery of required supplies or services and are not refundable. The pro-rata charges are as follows:

| If class is dropped beginning: | The pro-rata charge will be: |
|---|---|
| **Fall Semester** | |
| September 13, 2023 | 15% |
| September 25, 2023 | 25% |
| October 23, 2023 | 50% |
| November 6, 2023 | 100% |
| **Winter Semester** | |
| January 17, 2024 | 15% |
| January 29, 2024 | 25% |
| February 27, 2024 | 50% |
| March 13, 2024 | 100% |
| **Spring-Summer** (including semester-length offerings) | |
| **Spring Term** | |
| May 8, 2024 | 15% |
| May 14, 2024 | 25% |
| May 29, 2024 | 50% |
| June 5, 2024 | 100% |
| **Summer Term** | |
| July 2, 2024 | 15% |
| July 9, 2024 | 25% |
| July 23, 2024 | 50% |
| July 31, 2024 | 100% |

The recalculation of tuition and fee charges may result in a refund. The amount of the refund a student will receive is based on the date the classes are dropped, or in the case of a full withdrawal, the date that the student reports such withdrawal to the Academic Support Office (B-150 ASB).

Any refund due the student will be paid by check through the mail approximately ten days after the classes are dropped. If the student has elected direct deposit for student account refunds, the refund will be deposited into the student's bank. Payments originally paid by credit card will be returned to the credit card. Unpaid university charges may be deducted from the refund amount.

Refunds will not be paid to students whose tuition has been paid by a loan, scholarship, or benefit.

If a student with federal financial aid drops below half-time enrollment (for tuition assessment purposes: undergraduate, 6 hours per semester or 3 hours per term; graduate, 4.5 hours per semester or 2.5 hours per term), the federal program or lender may require that a portion of the refund be returned.

A petition for exception to the refund schedule will be considered for students forced to withdraw because of circumstances that are beyond their control, such as death in the immediate family, life-threatening situations, medical incapacitation, a university error, or military leave. Students should not submit petitions based on ignorance of university policies and procedures. These will be denied. Petition forms are available in D-155 ASB (Enrollment Services).

## Collection of Unpaid Tuition and Fees

BYU retains all legal remedies to collect unpaid tuition, fees, and other amounts due to the university for housing, traffic fines, etc. BYU uses a variety of methods to keep students informed of amounts due the university, including financial Web sites, statements, and various forms of correspondence. It is the student's responsibility to remain aware of obligations to the university and to make payment on a timely basis.

If BYU is unable to collect amounts due the university within a reasonable time, the debt may be referred to an outside collection agency and/or attorney for collection. All collection costs, including collection agency fees, attorney fees, and court costs will be charged to the student's account.

Failure to pay all amounts due BYU, including collection fees, may also result in various actions, including but not limited to withholding services and restricting the student's ability to register for class, participate in graduation, receive a transcript or diploma, or be considered for readmission to the university. The university also reserves the right to report both positive and negative payment histories to credit-reporting agencies.

## Payments for Tuition and Fees

Tuition and fees include charges such as tuition, class fees, tuition reassessments, Study Abroad fees, and health plan charges. Students are responsible to pay the correct amount of tuition, fees, and past due balances in U.S. dollars (checks must be drawn on a U.S. bank). The following options are available for making tuition and fee payments. For more information on making payments to BYU, please visit https://enrollment.byu.edu/forms-of-payment.

### Pay Tuition Online

BYU encourages you to take advantage of the fast, easy, and secure way to pay online. Payments may be made online by logging into myBYU and selecting the My Financial Center link under the School heading, or by typing mfc.byu.edu into your web browser.

eCheck (BYU's preferred payment method)

eCheck is a free electronic check option that uses a secure Web transmission to electronically withdraw funds directly from a payer's checking or savings account. The payer must provide his/her bank routing and account number to make an eCheck payment. Payments from mutual fund, money market, line of credit, or brokerage accounts cannot be accepted.

### Credit Card with a Service Fee

BYU accepts Visa, Mastercard, Discover and American Express for all charges including tuition payments. However, the payer will be charged a nonrefundable credit card fee equal to 2.0% of the tuition when making a payment on tuition and fee charges.

Debit cards are considered credit cards for tuition and loan payment purposes and would therefore be subject to the same credit card restrictions and service charges. Note: Because eChecks and debit cards both deduct payments directly from a checking or savings account, students can avoid the service charge by choosing the eCheck option.

Note the Credit Card Refund Policy: Existing credit card regulations prohibit BYU from making a refund to you in cash or check when you make a payment by credit card and there is an adjustment made to the charges paid. When you pay by credit card and there is a reduction in the amount of your charges, we are required to refund the amount back to the credit card you used to make the payment.

### Pay Tuition by Mail

Check or money order payments may be mailed to Student Financial Services, A-153 ASB, Provo, UT 84602. Please make checks payable to Brigham Young University or BYU. Do not mail cash. Include with your check the student's BYU ID number and the amount to apply to each category.

### Pay Tuition in Person

Payments may be made throughout the year in person at D-155 ASB. Tuition may be paid using check, money order, or cash. Credit cards cannot be used to pay tuition or fees at BYU cashiering locations (see Pay Tuition Online above for acceptable use of credit cards). Check or money order payments may also be left in the drop box in the D wing on the main floor of the ASB.

### Pay Tuition by Wire Transfer

To pay tuition using an international or domestic wire transfer, please contact us for wire transfer instructions via phone (801) 422-4104 or via email at wires@byu.edu.

## University Fees

### Class Fees

# BYU

| | |
|---|---|
| Anthr 103 | 200 |
| Art 122, 200 | 75 |
| Art 330 | 15 |
| CFM 210 | 20 |
| DES 394R | 25 |
| DESGD 145 | 25 |
| DESGD 245 | 100 |
| DESGD 248R | 150 |
| DESGD 441R | 25 |
| DESIL 101 | 25 |
| DESIL 230 | 35 |
| DESIL 253 | 23 |
| DESPH 270 | 150 |
| DESPH 475 | 25 |
| EXDM 489 | 100 |
| IS 565, 567 | 200 |
| Math 97 | 75 |
| Music 160R (Fall/Winter) | 500 |
| Music 160R (Spring/Summer) | 250 |
| Music 260R, 359R, 360R, 460R, 560R, 660R (Fall/Winter) | 514 |
| Music 260R, 359R, 360R, 460R, 560R, 660R (Spring/Summer) | 257 |
| PDBio 220 Lab | 5 |
| PWS 112 | 90 |
| SFL 110 | 50 |
| SFL 185R, 287, 487 | 30 |
| SFL 215 | 80 |
| SFL 382 | 20 |
| SFL 393R | 15 |
| SWELL 116, 117 (bowling) | 80 |
| SWELL 120 (indoor rock climbing) | 120 |
| †SWELL 150, 151, 152, 153 (skating) | variable |
| †SWELL 175, 176 (scuba) | variable |
| TES 229 | 30 |

| | |
|---|---|
| TES 251 | 15 |

**See department for a refund application.
***See department for a fee card.
†See department for amount.

Class fee refunds are based on the same schedule as listed for tuition refunds. Those with asterisks (*) are exceptions to this schedule and must be requested at the respective academic department.

## Materials/Service Fees

The following courses charge fees based on materials consumed or services provided. Contact the individual department or professor to determine the appropriate payment procedure.

ART 104, 105, 133, 155, 216, 217, 330, 350, 351, 356R, 358, 359.

CM 105, 155, 210.

EC En 212, 301.

IT 101, 443, 447.

TEE 200, 229, 490R, 593R.

TMA 285, 475R.

## Student Teaching/Practicum Fees

Fingerprint Fee

Students in teacher education must be fingerprinted and pass a background check prior to starting practicum experiences with K–12 students. Fees for fingerprinting and background checks are set by the Utah State Office of Education and are listed on the Education Advisement Center Web site: http://education.byu.edu/advisement/fingerprint.

Licensure Fee

Students who meet all program requirements qualify for a Level 1 teaching license in Utah. Fees for licensure are due with the student teaching application. Licensure fees are set by the Utah State Office of Education and are listed on the Office of Field Services Web site: http://education.byu.edu/advisement/licensure.

## Miscellaneous Fees and Fines

| | |
|---|---|
| Admission evaluation fee (nonrefundable) | $35 |
| Change of registration fee—per class (after add deadline) | 10 |
| Dishonored check/eCheck charge | 20 |
| Examination, special equivalency | 20 |
| NDFS-dietetics insurance and ADA dues | 50 |
| Graduation (undergraduate) fee (nonrefundable) | 15 |
| Identification photo for replacement ID card<br>(no charge for first replacement) | 10 |
| National League of Nursing Diagnostic Exam | 40 |
| Physical education locker | 5 |
| Traffic violation fines, variable according to violation | 5-300 |
| Transcript fee: Electronic | 5 |
| Transcript fee: Hard Copy | 6 |

## Health Insurance Requirement

BYU requires all students with 9.0 or more credits in a semester or 4.5 or more credits in a term to carry adequate medical insurance. This applies the entire time a student has continuing status, including students taking a semester or term off. All participants in groups on tour, Study Abroad, or internships are required to carry adequate medical insurance.

To satisfy the health coverage requirement, students have several options:

Enroll in the Student Health Plan
Enroll in a group medical plan provided by the parents', the student's , or the student's spouse's employer
Purchase an individual Affordable Care Act (ACA) compliant health plan

If the student chooses any medical plan other than the Student Health Plan, he/she must provide verification of adequate coverage at the beginning of his/her first semester or term and annually at the beginning of fall semester. Students should carefully review any medical plan they're considering to make sure it will provide sufficient coverage for current and future health care needs. Coverage must be effective by the first day of class.

Effective fall semester 2014, BYU requires all ELC students and F-1 and J-1 visa students to be enrolled in the BYU Student Health Plan or an ACA compliant plan offered by a United States-based insurance company. This plan must provide comprehensive medical coverage for the student while he/she is on campus. Insurance plans from companies outside the United States will not be accepted.

All students enrolled at least 3/4 time (9 credit hours per semester or 4.5 credit hours per term) and all F-1 and J-1 visa students who don't submit proof of other coverage before the deadline each year will be enrolled automatically for individual coverage and assessed the appropriate premium (single or married rate) for the Student Health Plan. Students who are actively working towards a degree and have at least 0.5 on-campus credits will not be automatically enrolled in the Student Health Plan, but they can contact the Student Health Plan Office via YMessage or in person to enroll. Graduate students who have at least 2 credits during fall semester and were enrolled in the Student Health Plan for summer term will be automatically enrolled for fall semester in the same plan they had during summer term. The web is located at http://health.byu.edu.

Spouses and dependents won't be enrolled automatically the first semester or term a student is on the plan. If a student desires coverage for their spouse and dependents, they must enroll their spouse and dependents in the plan.

For the latest BYU Student Health Plan fees, check the Web site at http://health.byu.edu.

## Appeals

Students with unusual circumstances may appeal for special consideration of any item in this section to the Enrollment Services Office. Appeal forms may be obtained at the Enrollment Services windows at D-155 ASB.

# A Unique Environment

# Fostering an Enriched Environment Policy

"The mission of Brigham Young University—founded, supported, and guided by The Church of Jesus Christ of Latter-day Saints—is to assist individuals in their quest for perfection and eternal life. That assistance should provide a period of intensive learning in a stimulating setting where a commitment to excellence is expected and the full realization of human potential is pursued" (Mission Statement).

To this end, the university seeks qualified students of various talents and backgrounds, including geographic, educational, cultural, ethnic, and racial, who relate together in such a manner that they are "no more strangers and foreigners, but fellow citizens with the saints, and of the household of God" (Ephesians 2:19). It is the university's judgment that providing educational opportunities for a mix of students who share values based on the gospel of Jesus Christ and who come from a variety of backgrounds and experiences is an important educational asset to BYU.

# Religious Environment

The Church of Jesus Christ of Latter-day Saints sponsors BYU to provide a university education in an atmosphere that nurtures spiritual growth and a strong conviction of the divinity of Jesus Christ. Church programs are closely correlated at all levels with the activities of the university, and students will find many opportunities to grow spiritually.

## Religion Classes

All students at BYU should include regular gospel study as a continuous part of their university experience. Full-time undergraduate students take one religion class each semester of enrollment until a total of 14 semester hours of religion credit has been earned. See The University Core section of this catalog for more information.

## University Devotionals

University devotionals, held throughout the year on Tuesdays at 11:05 a.m., form an inspirational and integrative part of the university experience. These assemblies are occasions to celebrate the shared sense of values and community at the university. Participation in these gatherings will renew spiritual commitment and extend knowledge of significant religious, intellectual, and cultural matters. Devotional speakers, selected from the General Authorities and General Officers of the Church as well as university personnel, come to teach the gospel and affirm the spiritual dimension of the university experience for students, faculty, and staff.

Most campus offices and services are closed during university devotionals and forums so that members of the university community may participate.

## Young Single Adult and Married Student Stakes and Wards

To give students maximum opportunity to participate, the Church is organized into a number of stakes composed of several wards of approximately 150 members each. All single students living away from home who are members of The Church of Jesus Christ of Latter-day Saints become members of a Young Single Adult (YSA) ward. Single LDS students living at home have the option of attending their home ward or a designated YSA ward. Married students may attend either a married student ward or the residential ward in which they live.

## Other Religious Denominations

Approximately twenty-five other religious denominations are represented in the BYU student body. These students are encouraged to attend a congregation of their faith in the surrounding area, if possible.

# Academic Environment

The academic environment extends beyond the four walls of a university classroom. Serious students seek enrichment in the library, at university forums and lectures, and through research. Some students may choose to become involved in the Honors Program or live in one of the "quiet halls" on campus—and everyone benefits from drawing on the resources available at college advisement centers.

## New Student Orientation

Orientation to BYU actually begins long before students arrive on campus. Following notification of admission, all students will be contacted by an assigned peer mentor from the Office of First-Year Experience. This mentor is a student guide who successfully negotiated their own first year and can be of great help to new students and to their parents. Peer mentors will send periodic email, texts and even make phone calls to students. Mentors are available to answer questions, provide suggestions, and help make the transition from high school to college a smooth one.

A few weeks after you receive your acceptance notification you will be sent a link by the FYE office to a series of online orientation modules. These modules contain very important information about resources, programs and services available to you as a full-time student. They were developed to help your transition to BYU be as smooth as possible. The modules will take between 90 minutes to two hours and can be completed at your own pace. However, it will be important for you to complete all modules prior to arriving on campus. These modules are only part of your orientation to BYU, make sure you plan and register to attend the in-person NSO described below.

Immediately prior to the first day of every semester and term, an event referred to as New Student Orientation (NSO) is held. The purpose of NSO is to 1) welcome new and transfer students into the BYU community. 2) help new students understand and appreciate the unique opportunities provided by a BYU education, 3) introduce key campus resources, and 4) offer new students a great chance to connect with other students and meet their peer mentor.

NSO events and activities are designed to be both informative and fun. Activities vary according to the term or semester. In addition to a welcome from the administration and a campus tour, each orientation may include a university devotional; library tour; meetings about colleges and majors, financial aid and scholarships, the Honors Program; and an introduction to several of the traditions at the Y.

Many of the activities are organized around Y Groups, small groups of students led by peer mentors and other upperclassmen, which offer students personalized attention and support. Orientation at BYU balances the various needs of new students by combining appropriate resources, activities, and personnel. To become fully integrated into an institution as large and complex as BYU, active participation in NSO is vital.

Please see https://fye.byu.edu/about-nso for detailed information about NSO and to register for an NSO event.

## University Forums

University forums are held on selected Tuesdays at 11:05 a.m. and are designed to enrich the general education experience. Speakers are noted authorities in the arts and humanities, sciences, media, and government, chosen for their contributions to their field and their ability to inspire and communicate. Participation in these assemblies and the associated question-and-answer sessions prompts inquiry into significant intellectual, cultural, and social issues and helps lay the foundation for lifelong learning. A forum speaker may be nominated by any member of the university community (student, faculty, or staff).

## Research and Creative Activities at BYU

One of the most exciting and valuable learning experiences available to both undergraduate and graduate students at BYU is the opportunity to participate in original research and creative activities. BYU has accomplished faculty members in all areas, many of whom enjoy international reputations for the quality of their creative endeavors. Many professors enlist the help of undergraduate students, who work side by side with faculty mentors and graduate students in a laboratory or studio setting.

A wide variety of research experiences are available in many departments across campus. For example, the student might be involved in the synthesis of a new medicinal drug in the chemistry laboratory or participate in the discovery of a new species of dinosaur on a Colorado mesa. Other examples of programs involving student participation include the study of robotics systems, computer architecture, battery technology, high-energy physics, international business methods, child psychology, educational methodology, molecular genetics, social implications of drug use, stability and satisfaction in marriage, Church history, and a host of other topics. Students who are interested in participating in research programs are encouraged to contact their major department chair or speak directly with individual professors.

Experiential learning grants are available in each academic college. Each college will customize the grant program to best fit their area. Please contact your dean’s office to learn when and how you can get involved.

## Center for Service and Learning

2010 WSC and 2330 WSC
(801) 422-8686
yserve.byu.edu

The mission of the Center for Service and Learning is to "provide every student with a meaningful service opportunity…to instill in the heart and mind a desire to give lifelong service." In order to provide every student with a meaningful service opportunity, the Center administers over 70 community service programs. These programs, which are led and staffed by student volunteer program directors and service council members, serve individuals and organizations in the local community. As student volunteers learn to serve their community, their desire to be engaged in lifelong service becomes an integral part of their character.

Students choose to make service a part of their lives for academic, leadership, recognition, social, and spiritual reasons. Students are encouraged to enroll in Student Development 290: *Learning Through Service*, which links theories of service with actual service experiences. They can also develop their leadership skills by serving on the student service council or as a program director. By completing the requirements for any of three recognition programs, they can receive official documentation and certification of their service. They can socialize with other students as they serve, and can recognize the spiritual aspects of service as they participate in reflection events.

Students enrolling in Student Development 132: *Tutoring Level 1* and Student Development 133: *Tutoring Level 2* have the opportunity to earn tutoring certification as they improve their tutoring skills.

More than 23,000 students are engaged in service each year through Center programs. These programs provide a variety of services, including serving children and adults with cognitive or physical disabilities, mentoring at-risk youth, tutoring children in the public schools, tutoring other BYU students in their college classes, helping build houses for low-income families, or providing manual labor to clean up and maintain community neighborhoods. These programs are under the leadership of more than 250 student volunteer leaders who are learning leadership skills as they administer their programs. In addition to these formal community service programs, Stop-n-Serve is available in 2330 WSC for students to drop in and perform service in the few minutes they may have between classes.

## Student Development Course Work

Student Development Services offers courses under the title Student Development. These courses are designed to help students meet the challenges of university life in four areas: academic skills, career exploration and development, leadership, and personal growth, mental health and wellness. Courses in the academic skill area help students build study skills, improve reading ability and comprehension, and enhance time management and academic performance. Career courses are designed to help students explore majors and careers, obtain internships and prepare for graduate school and ultimately qualify for careers of their choosing. Leadership courses provide training and instruction to those already in campus leadership roles or for those hoping to gain further knowledge and skill to become more effective leaders. Finally, several courses are designed to help students make important life decisions, clarify values, and improve their overall mental health and well-being. All Student Development courses can be found in the BYU Undergraduate Catalog. For further information contact Student Development Services or visit https://sds.byu.edu.

**Address**:
2518 WSC
**Telephone**: (801) 422-6291

## Academic Support Office

2500 WSC
(801) 422-2723
E-mail: academic_support@byu.edu
Web: http://aso.byu.edu/

The university experience is rigorous by design. However, all students admitted to the university have the potential to succeed academically and many students that experience academic challenges, go on to be successful at the university. The mission of the Academic Support Office (ASO), a department of Student Life, is to assist undergraduate degree-seeking students who are experiencing academic difficulties. The ASO utilizes the combined resources of the university to help students on academic warning, probation, or continued academic probation (CAP) resolve academic and related concerns.

Students experiencing academic difficulties have often encountered challenges in one or more of the following areas: (1) Personal concerns outside the academic realm such as mental health or adjustment challenges, physical illness or injuries, adverse events, relationship or family concerns, financial hardships, etc. that impact academic goals, (2) Insufficient academic preparation to meet the rigors of a university experience, (3) Learning strategies that were effective in high school but are less effective at the university.

ASO advisors and peer coaches support students in addressing non-academic challenges by helping students identify concerns, assess needs, access needed resources, implement appropriate intervention strategies and by providing ongoing support as students work through challenges to improve academic performance. They also provide one-on-one training to help students develop effective study skills and learning strategies. ASO advisors and peer coaches routinely assist students in developing time management, test-preparation, test-taking, reading, note-taking, memory and other academic strategies. Students who experience academic difficulties, who are on warning, probation, CAP, or are facing academic suspension or dismissal from the university are strongly encouraged to contact and enlist the support of the ASO.

**Address**:
2590 WSC
**Telephone**: (801-422-2689)

## Graduate Studies

105 FPH
Phone: (801) 422-4091

To the student seeking advanced study, Brigham Young University offers a variety of graduate degree opportunities. Excellent graduate programs can be found in each of the colleges and schools, and successful completion results in the awarding of a master's or doctoral degree.

The master's degree requires advanced course work, demonstrated mastery in vital aspects of a discipline, skill in research methodology and theory, and preparation for future creative work. In certain disciplines, graduate programs blend scholarly insight with technical knowledge and skill. Integrative examinations, a major culminating piece of written work or performance, and an accompanying oral defense of that work may be required.

The doctoral degree requires the student to demonstrate an impressive scholarly competence, which includes the ability to conduct and report research in a highly effective manner. Advanced systematic study in a discipline is also essential and is followed by comprehensive examinations that require students to integrate and understand the collective knowledge of their disciplines. A dissertation resulting from independent research is defended in a concluding oral examination.

Students who are interested in pursuing advanced degrees are encouraged to become involved in research and creative activities during their undergraduate experience.

For information about master's and doctoral degree programs, students should consult the BYU Graduate Catalog online at http://graduatestudies.byu.edu.

For more information about master's and doctoral degree programs or how to apply, visit http://gradstudies.byu.edu.

For information regarding admission to the J. Reuben Clark Law School, see the Law School section of this catalog.

# Cultural Environment

Students can immerse themselves in culture at BYU. Dance, theatre, music, art exhibits, museums—all nourish the soul seeking after "anything virtuous, lovely, or of good report or praiseworthy."

As part of their educational experience, students, both individually and in groups, present concerts, exhibitions, films, plays, recitals, and productions which are available to the community. Classical, contemporary, and original works are offered throughout the year. Each of the performance areas also have ensembles that perform on and off campus.

The BYU BRAVO! series presents some of the most celebrated artists in the world. Concerts and productions are scheduled throughout each year in the Harris Fine Arts Center and other venues.

In recent years the BYU BRAVO! series has included Joshua Bell, Peking Acrobats, John Lithgow, Audra McDonald, Frank Wildhorn, Renee Fleming, The Utah Symphony, Frederica von Stade, Kelli O'Hara, Brian Stokes Mitchell, Lea Salonga, Theater Mitu, The Salzburg Marionette Theatre, Martha Graham Dance Company, Chanticleer, The King's Singers, Chris Thile, and more.

This series also presents OFF THE MAP, an annual international arts festival, each winter semester.

For further information on student, faculty, the BRAVO! performances, contact the BYU Ticket Office:

**Telephone**: (801) 422-4322
**Website**: http://www.byuarts.com/

## Museum of Art

The 100,000-square-foot Museum of Art has been a crown jewel of BYU’s campus for almost a quarter century. Generously funded by private donors, the museum not only houses the university’s engaging collection of world-class art, but functions as a dynamic experiential space for students on campus. Whether taking advantage of interactive gallery tours and special lectures, attending musical performances, enrolling in the university courses taught in the museum’s classrooms, or simply stopping by the café for lunch, the MOA is a place of social uplift, and intellectual and spiritual contemplation for our community.

The Museum staff organizes ambitious exhibitions that both edify and challenge the mind by offering direct engagement with masterworks from the permanent collection. The MOA’s collection of American art features the work of prominent artists such as Maynard Dixon, Mahonri Young, Minerva Teichert, and J. Alden Weir. Their significant holdings of European and American religious works contain notable paintings, sculpture

and works on paper by artistic noteworthies spanning six centuries. The museum is also committed to exhibiting and exploring the art of our time, regularly showcasing work by highly-acclaimed living artists such as Gabriel Dawe, Jann Haworth, Ai Weiwei, Kehinde Wiley, and Rachel Whiteread. The museum also participates in travelling exhibitions that feature artwork from fine collections across the globe. In recent years, a once-in-a-lifetime exhibition of the Danish painter Carl Bloch and a blockbuster run of American artist and illustrator Norman Rockwell brought hundreds of thousands of visitors to BYU, demonstrating the scope and quality of the museum's programming.

In addition to the Museum of Art's dedicated professional staff, student employees and volunteers make an invaluable contribution to the museum's success. Interns in the curatorial, registration and fabrication departments play a major role in behind-the-scenes activities, while student educators and museum store employees interact with the public on a daily basis. This diverse team of collaborators works with one goal in mind: to serve the BYU campus and greater community by creating connections and inspiring life-long learning through art.

Website: http://moa.byu.edu/

## M. L. Bean Life Science Museum

Duke S. Rogers, Director
Leigh Johnson, Associate Director
Marta Adair, Assistant Director
2103 MLBM

The Monte L. Bean Life Science Museum is accredited by the American Alliance of Museums. Its vast teaching and research collections include more than three million arthropods, nematodes, tardigrades, arachnids, fish, amphibians, reptiles, mammals, birds, and prepared shells, and more than 600,000 plants, lichens, and bryophytes. Specimens for these collections, which represent creative work by university faculty and students, have been gathered from around the world, making the museum one of the major repositories of scientific-quality, biological collections in the western United States.

The museum and its collections are utilized by university classes in biology, plant and wildlife sciences, education, art, and other disciplines. The Monte L. Bean Life Science Museum also maintains and manages the Lytle Ranch Preserve. Located in the northernmost extension of the Mojave Desert southwest of St. George, Utah, this 700-acre desert classroom is situated in a part of Utah that is unique not only for its plant and animal communities but also for its setting at the crossroads of three major bioregions.

Public programs include temporary and permanent exhibits of natural communities that illustrate complex relationships between plants, animals, and their physical environment. Educational programs which serve more than 100,000 annual visitors and provide classes and programs for BYU students as well as public and private schools and many other organizations. Museum hours are Monday through Friday from 10:00 a.m. to 9:00 p.m. and Saturday from 10:00 a.m. to 5:00 p.m. The museum is closed on Sunday. Admission is free.

*The Western North American Naturalist*, a nationally recognized peer-reviewed natural history journal, is administered by the museum. Other museum publications include professional and popular works such as *A Utah Flora, Bark and Ambrosia Beetles of South America, Snakes of Utah,* and *Common Rocky Mountain Lichens*.

## Museum of Peoples and Cultures

Paul R. Stavast, Director
Susannah Larsen, Education and Programs Manager
122 B67

The Museum of Peoples and Cultures (MPC) houses, cares for, and performs research on archaeological and ethnographic collections from around the world. The strengths of the museum's holdings are in prehistoric Utah, the American Southwest, Mesoamerica, Andean cultures, and Polynesia. An approved state and federal archaeological repository, the museum also holds a noncirculating library and a photographic archive documenting BYU archaeological research and artifactual materials. Collection items number well over 2 million artifacts and specimens.

Institutional objectives are to interpret and help elucidate the history and culture of the peoples of the world and to convey that knowledge to the scholarly community as well as to the general public. The museum's strongest commitment lies in serving the teaching and research functions of the university. In this, BYU's "teaching museum," not only do students perform office and collections duties, but they also curate all exhibitions as part of the formal curricula taught by museum staff adjunct to the Department of Anthropology. Students plan and execute public programs and design promotional strategy as part of their coursework as well. These curricula are available both in the department's undergraduate courses and the Certificate in Museum Practices program. Students concurrently enrolled in a cognate master's program are eligible to apply to the graduate program.

The MPC offers many community educational opportunites. Available for loan to classrooms and inbound populations are anthropology teaching kits that explore the native cultures of various geographical areas. The kits include replica artifacts, handicrafts, and educational books and videos. Students and civic volunteers are invited to help with educational programming, public relations, archaeological research, and public presentations. The MPC hosts an activity patch program for Scouts of all ages and other interested parties. Museum patches can be earned by visiting the museum and completing the patch requirements. For information about any of these programs, call (801) 422-0020.

Located at 2201 North Canyon Road in Provo, the museum is open from 9:00 a.m. to 5:00 p.m. Monday through Friday. Admission is free, and guided tours can be arranged for a nominal charge. Because scheduling is based on student employee availability, it is advisable to book tours from one to three weeks in advance. Visitors may also choose to guide themselves through the galleries, but groups larger than fifteen people should contact the museum in advance for logistical instructions. The MPC is closed on holidays.

# Recreational Environment

Students can enjoy the small-town friendliness of Provo or drive 45 miles to the north for the cosmopolitan diversity that Salt Lake City offers. Whereas Salt Lake City is home to Ballet West, the Mormon Tabernacle Choir, and the Utah Symphony, the Provo area prides itself on its own Utah Valley Symphony and several fine community music, dance, and theatre groups.

## Intercollegiate Competition

BYU sponsors 21 NCAA intercollegiate sports for men and women. The men compete in 10 sports: baseball, basketball, cross country, football, golf, swimming and diving, tennis, indoor track and field, outdoor track and field, and volleyball. The women compete in 11 sports: basketball, cross country, golf, gymnastics, soccer, softball, swimming and diving, tennis, indoor track and field, outdoor track and field, and volleyball.

The Cougars are independent in football and compete in the West Coast Conference in the majority of the other sports. On September 1, 2010, BYU announced an eight-year deal with ESPN to televise Cougar football on its sports networks. BYUtv also partners with athletics to broadcast more than 135 live athletic events each year in sports such as football, basketball, volleyball, soccer, baseball, softball, and gymnastics.

Consistently ranked among the nation's top 30 athletic programs, BYU has won NCAA championships in football, men's track and field, men's golf, women's cross country, and men's volleyball. The Cougars have also won two NIT titles in men's basketball.

## Extramural Competition

The extramural sports program at BYU provides opportunities for students to participate on an intercollegiate level in team sports not designated NCAA. Extramural sports teams do not currently travel outside the United States.

One of the best organized and most respected programs in the country, BYU's extramural sports program offers sports for men (lacrosse, racquetball, rugby, and soccer) and sports for women (racquetball, rugby, and lacrosse). Many of the teams have been nationally ranked during the last several years.

## Athletic Facilities

BYU's athletic facilities are among the best in the nation. Major sports complexes include the Marriott Center (basketball), LaVell Edwards Stadium (football), Smith Fieldhouse (volleyball/gymnastics), Miller Park (baseball/softball), Clarence Robison Track, South Field (soccer), Richards Building (swimming/diving), and the Tennis Complex.

In 2003-04 the Athletic Department opened two new buildings, the Indoor Practice Facility (IPF) and the Student Athlete Building (SAB). The IPF is 422 by 222 feet with a height of 86 feet at the center. It is one of the largest indoor practice facilities in college athletics. It features two artificial turf fields and four batting cages.

The 126,300 square-foot SAB is home to the student-athlete academic center, athletic administration offices, strength/conditioning complex, training facilities, football offices and locker room, Legends Grille, and Legacy Hall—a three-story museum/hall of fame celebrating more than 100 years of BYU Athletics.

## Intramural Activities

The campus intramural program, consisting of more than thirty events involving thousands of participants in both men's and women's activities, is one of the largest and most comprehensive in the United States. Students may participate in team activities and individual events. The intramural program offers divisions for different skill levels in each activity and provides awards for the winners in each division. Numerous employment opportunities are available as game supervisors and officials.

## A Great Outdoors

The Wasatch Mountains overlook BYU on the east, and to the west lies Utah Lake. Within an hour's drive are several canyons and ski resorts; six national parks are only a half day away. Outdoor gear can be rented on campus for everything from skiing to windsurfing.

# Accreditation

Brigham Young University (BYU) is a member institution with the Northwest Commission on Colleges and Universities (NWCCU). BYU's accreditation status is "accreditation reaffirmed." The NWCCU's most recent action on the institution's accreditation status in 2022 was to reaffirm accreditation. NWCCU is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation (CHEA).

Accreditation of an institution of higher education by the NWCCU indicates that it meets or exceeds criteria for the assessment of institutional quality evaluated through a peer-review process. An accredited college or university is one that has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the NWCCU applies to the institution as a whole. As such, it is not a guarantee of every course or program offered or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the institution's accreditation status should be directed to BYU's administrative staff. Individuals may also contact:

**Northwest Commission on Colleges and Universities**
**8060 165th Avenue N.E., Suite 200**
**Redmond, WA 98052**
**(425) 558-4224**
**www.nwccu.org**

General Inquiries and Questions: info@nwccu.org

**The following organizations have given accreditation to programs or units at the university:**

- Academy of Nutrition and Dietetics, Accreditation Council for Education in Nutrition and Dietetics
- Accreditation Board for Engineering and Technology, Inc., Applied Science Accreditation Commission
- Accreditation Board for Engineering and Technology, Inc., Computing Accreditation Commission
- Accreditation Board for Engineering and Technology, Inc., Engineering Accreditation Commission
- Accreditation Board for Engineering and Technology, Inc., Engineering Technology Accreditation Commission
- Accrediting Council for Education in Journalism and Mass Communications
- American Alliance of Museums
- American Association for Marriage and Family Therapy, Commission on Accreditation for Marriage and Family Therapy Education
- American Bar Association, Council on the Section of Legal Education and Admissions to the Bar
- American Psychological Association, Commission on Accreditation
- American Speech-Language-Hearing Association, Council on Academic Accreditation in Audiology and Speech-Language Pathology
- Association to Advance Collegiate Schools of Business
- Commission on Accreditation of Athletic Training Education
- Commission on Collegiate Nursing Education
- Council for the Accreditation of Educator Preparation, Accreditation Council

- Council on Accreditation of Parks, Recreation, Tourism and Related Professions
- Council on Education for Public Health
- Council on Social Work Education
- International Facility Management Association Foundation, Facility Management Accreditation Commission
- National Accrediting Agency for Clinical Laboratory Sciences
- National Association of Schools of Art and Design, Commission on Accreditation
- National Association of Schools of Dance, Commission on Accreditation
- National Association of Schools of Music, Commission on Accreditation
- National Association of Schools of Public Affairs and Administration
- National Association of Schools of Theatre, Commission on Accreditation
- Professional Landcare Network
- Teacher Education Accreditation Council, by the Inquiry Brief Commission of the Council for the Accreditation of Educator Preparation

# Administration

# Administration

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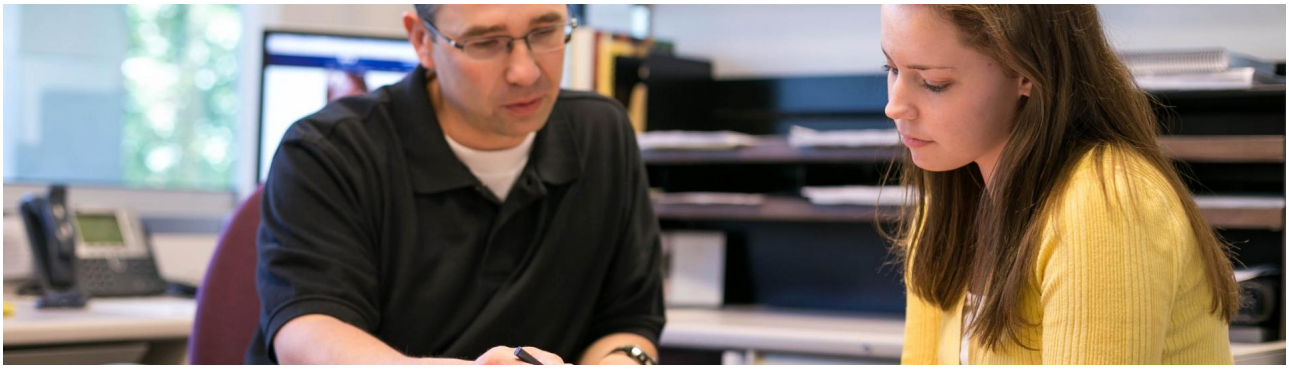

## Advisement Resources

*BYU undergraduates should develop competence in at least one area of concentration. Competence generally demands study in depth. Such in-depth study helps prepare students for their life's work; it also teaches them that genuine understanding for any subject requires exploring it fully. Students normally acquire such depth from their major and minor fields.* (The Aims of a BYU Education)

In addition to completing the university core, each student must choose a specialized area of study—a major. Requirements vary considerably from major to major, but all majors share in common a sequential development from introductory foundation courses to those that expect increasingly greater depth and sophistication. As the aims indicate, "By the time they graduate, students should grasp their discipline's essential knowledge and skills . . . , and many should have participated in scholarly or creative activities that let them demonstrate their mastery." Within this sequential development, prerequisites—whether within or outside the major department—help prepare students for subsequent, more focused work in the major. Some majors also require associated course work in related fields.

## Aptitudes, Interests, and Objectives

Success in a major depends upon the right combination of interests, skills, effort, and aptitudes. Students who choose a major only because of its job possibilities and fail to consider their own interests and aptitudes will probably be disappointed. Some majors, particularly those in professional programs (e.g., accounting) lead directly to employment in a particular field; others (e.g., philosophy) provide a rich liberal arts preparation for subsequent graduate study or professional programs (e.g., law) and may lead to employment in a variety of fields related to the major. A student's major can open up a great variety of employment opportunities, but students should also explore opportunities to engage in experiential learning over the course of the major to develop their skills, interests, and knowledge.

## Flexibility and Adaptability

The future will likely bring about change and a continued expansion of knowledge in all domains of human understanding. Some futurists have estimated that today's high school graduates will be in five to seven different careers during their lifetime. Flexibility and adaptability, learning how to learn, and learning to think carefully and critically are the aims of a strong liberal arts education. For many careers, a degree in a particular major is not required. Employers respond favorably to applicants who have developed analytical skills, who have the ability to reason abstractly, and who have learned to communicate precisely and effectively.

## Choosing a Major

Careful and thoughtful consideration before choosing a major will reduce the time to graduation and help make the most of the time at BYU. Major requirements and course descriptions can be found by clicking the "Programs" tab at the top of this page or by using the list of majors. Students may find some combination of the following action steps useful in selecting a major:

1. **Meet as often as needed with an open major advisor in the University Advisement Center (UAC).** Advisors are available to help students choose a major or career path. Advisors are available to help students explore major and career options, help choose meaningful classes, support students through the decision-making process, and connect you to resources on campus to design personalized goals and create a path for your BYU experience and beyond. Students will be equipped with approaches and tools to navigate the exploration process. Contact them at 2500 WSC, (801) 422-3826, or by e-mail at: university_advisement@byu.edu. You can also access their website at: https://universityadvisement.byu.edu/.
2. **Work with an Exploration Specialist in the UAC.** Exploration Specialists are peers trained to co-explore with students using specfic activities. These activities help students deepen personal awareness through discovering more about their interests, skills, and values and by getting more information about majors and career paths. They guide students to take their next steps to explore their options.

3. **Watch BYU Major Snippets.** These short videos summarize basic information about BYU Majors. Each video answers a set of questions from college representatives, including: What is this major about? What careers can graduates enter? How is it different from other similar majors? Why should I select this major? You can watch the snippetts here: https://universityadvisement.byu.edu/major-snippets.
4. **Review catalog information pertaining to undergraduate majors.** A list of majors can be found in this section of the catalog or check each department: http://catalog.byu.edu/majors?college.
5. **Learn about deadlines, prerequisites, and application requirements for limited-enrollment programs.** Some majors have limited enrollment and only accept students by application. Limited-enrollment programs are identified with an asterisk (*) in the list of majors. Students should become familiar with the prerequisite courses required for limited-enrollment majors several semesters before they plan to apply. When applying to limited-enrollment programs, students should have a parallel plan in case they are not accepted. Advisors in the University Advisement Center (2500 WSC) can help develop parallel academic plans for reaching a given career objective.
6. **Pursue multiple options.** When trying to choose between two majors, take courses that will fill major and minor requirements for both. When deciding which of the two will be the major, the other choice can possibly become a minor.
7. **Take a career interest assessment.** Type-Focus, a free online self-assessment and career exploration program, is available in the UAC. Other assessments like the Strong Interest Inventory and the Myers-Briggs Type Indicator can also be taken at the UAC for a fee.
8. **Visit the What Can I Do With this Major website:** Go to https://careers.byu.edu/explore-career-options and click on the What Can I Do With This Major website to see the various career path that are available to those that study certain majors.
9. **Learn, firsthand, about potential careers.** Part-time work, summer employment, internships, and volunteer work provide useful opportunities for students to collect information about what a specific career entails and to make contacts that will help them further their career goals. In addition, students might ask relatives or friends doing the kind of work they are interested in if they can be their "shadow" for a day, or perhaps longer. Alternatively, students can conduct information interviews with individuals in these positions, asking them about their work, the associated academic prerequisites, and so forth.
10. **Connect with Alumni through BYU Connect.** One way to learn about major decision making and career paths is to connect with alumni that have already walked the path. On BYU Connect, you can search through a database of BYU Alumni have already volunteered to be contacted by current students. Within minutes you can search for alumni with similar interests, personalize one of the pre-made form letters, and send a request to chat with an individual that can share their personal experience. Sign up here: https://careers.byu.edu/how-to-use-byu-connect.
11. **Choose university core requirements carefully.** Once a major is chosen, the college advisement center for your major can help in the selection of classes that both satisfy university core requirements and expose students to the core subject matter of a major or career: http://catalog.byu.edu/about-byu/general-education.
12. **Enroll in a career exploration course.** Student Development (StDev) 117, Career Exploration, is a 2-credit course designed to help students learn about themselves and explore major and career paths. Juniors and seniors may want to take StDev 317: Career Strategies, a 2-credit hour course designed to help upper-division students prepare for transitioning to their desired career outcome and strategies for continued career success.
13. **Take introductory or seminar courses for majors/careers being considered.** BYU offers seminar courses for pre-medicine, pre-dentistry, pre-optometry, pre-law, and many of the engineering majors. There are other introductory courses such as Orientation to the Psychology Major (Psych 101), Historian's Craft (Hist 200), that may be helpful. Information on these courses is available through college advisement centers.
14. **Connect early with the Pre-Professional Advisement Center.** Considering a path in medicine, the allied health professions, law, or business? There are pre-professional advisors who can help you plan your path towards success. Declare yourself as a pre-professional student and receive relevant updates, hear about opportunities, and attend specific workshops designed just for you. Connect here: https://ppa.byu.edu/.
15. **Seek advice from the faculty.** Faculty members who teach and mentor in a particular major understand the purposes of the major program, its array of courses, and the opportunities available to those who complete it. Students should identify an appropriate member of the faculty and ask for assistance, which will often require an appointment.
16. **Make a firm commitment.** Pursuing a major with a firm commitment to go beyond its requirements will bring satisfaction and ensure future opportunities. Tentative or half-hearted completion of minimum requirements of any major will lead only to discouragement and detachment. Students are encouraged to choose carefully, trust their choice, and diligently pursue their studies in the major.

## Choosing a Minor

A minor offers students the opportunity to increase their breadth of expertise by exploring an area of study in depth but not to the same degree as in a major. Some majors require students to complete a minor from a specified set of options, but for most students a minor is optional. Students who elect to complete a minor often choose fields related to the major. Others may choose a minor in an area in which they have expertise or interest. In most cases, the minor would be chosen from a different department than the major.

Courses used to satisfy the requirements of a student's major may also be used to satisfy the requirements of a minor, unless the minor's requirements place restrictions on the double counting of courses. A list of minors can be found http://catalog.byu.edu/minors?college.

# Academic Advisement

The university provides a number of resources to assist students with careful and thoughtful academic and career planning while at BYU. It is expected that students will partner with the university by taking full advantage of these available resources and opportunities to enhance their chances of a successful academic experience.

The university is committed to providing students with access to academic advisors who will:

- Stay abreast of major and university requirements, and the corresponding academic resources
- Assist students by making appropriate recommendations for registration
- Help students in their pursuit of an appropriate major and career
- Aid students in planning an education program consistent with their academic progress
- Offer friendly, attentive, informative service, listening to the student's situation before offering a solution

Students will be successful as they:

- Prepare for and keep appointments with their college advisement center (CAC) advisor; preferably at least once a calendar year
- Establish and follow an academic plan for graduation
- Use university resources such as MyMAP, Major Academic Plans (MAPs), Academic Information Management (AIM), and the progress report
- Become familiar with their basic academic program and requirements
- Review personal academic progress each semester

## AIM

The Academic Information Management (AIM) system provides students with easy access to information on their academic progress and other vital information. In AIM, students can change their addresses and phone numbers, access their class schedules, determine course availabilities and instructor schedules, monitor their progress reports, look at their grades and BYU credit, make PIN changes, check on transfer and AP credit, and conduct personal registration procedures.

### MyMAP

BYU offers students a helpful academic planning system (MyMAP) that enables them to plan their academic progress towards graduation. MyMAP is an online tool students may use to plan specific courses to fill University Core, major, minor, and elective requirements, and organize those courses into semesters/terms. In addition, students may register from these courses using the Register tab. Easy access to course descriptions can be found on any MyMAP tab by simply clicking on the course title. As a student fully utilizes MyMAP, they will find that they have important information at their fingertips. Students may access MyMAP under the school section of MyBYU. To learn more about MyMAP go to http://mymap.byu.edu.

### Progress Reports

Progress Reports were created to provide students with accurate academic progress information. Students can access their progress report in the AIM system (through *MyMAP*). In the new MyMAP feature in AIM, students can actually use their progress report (on the *Plan* tab) as a tool to plan their academic course of study.

## Major Academic Plan (MAP)

This supplement to the BYU Undergraduate Catalog is also a valuable academic resource for students as they plan and prepare their academic schedules. The MAP includes information regarding university core and major requirements, semester-by-semester recommendations for course selection, and course availability. Please see the following Web site for more information: https://advisement.byu.edu/major-academic-plans.

# College Advisement Centers

An advisement centers exists in each academic college. At these centers, students receive personal assistance in meeting their educational goals as quickly as possible. Students should contact their advisement centers at least once a calendar year.

**David O. McKay School of Education,** 350 MCKB, Provo, UT 84602-5096, (801) 422-3426, email: ess@byu.edu

**Ira A. Fulton College of Engineering,** 246 EB, Provo, UT 84602-4101, (801) 422-4325, email: engineering_advisement@byu.edu

**College of Family, Home, and Social Sciences,** 1041 JFSB, Provo, UT 84602-5535, (801) 422-3541, email: liberalarts@byu.edu

**College of Fine Arts and Communications,** D-444 HFAC, Provo, UT 84602-6333, (801) 422-3777, email: cfacadvise@byu.edu

**College of Humanities,** 1041 JFSB, Provo, UT 84602-5535, (801) 422-3541, email: liberalarts@byu.edu

**International and Area Studies,** 273 HRCB, Provo, UT 84602-4526, (801) 422-3548, email: kennedy_advisement@byu.edu

**College of Life Sciences**, 2060 LSB, Provo, UT 84602-5189, (801) 422-3042, email: lifesciences@byu.edu

**Marriott School of Business,** 460 TNRB, Provo, UT 84602-3113, (801) 422-4285, email: msb_advisement@byu.edu

**College of Nursing,** 551 SWKT, Provo, UT 84602-5544, (801) 422-4173, email: nursing_advisement@byu.edu

**College of Physical and Mathematical Sciences,** N-181 ESC, Provo, UT 84602-5096, (801) 422-2674, email: cpmsadvisement@byu.edu

## University Advisement Center

2500 WSC
(801) 422-3826
E-mail: university_advisement@byu.edu
Web: https://universityadvisement.byu.edu/

**Services Include:** academic advising, career counseling, advisement on how to choose a major or career, graduate school advisement, career interest assessment, and information and referral to appropriate university resources. The center serves as the college advisement center for open major students but all students are welcome to use its services and resources for assistance in making informed and appropriate decisions about majors or careers.

## Honors Advisement Center

102A MSRB
(801) 422-5497
E-mail: honors@byu.edu
Web: http://www.byu.edu/honors/

Honors education is open to all students who choose to participate. Students who intend to graduate with University Honors should consult with an advisor in the Honors Advisement Center (102A Maeser Building) for assistance with choosing honors courses and understanding honors graduation requirements.

## Pre-Professional Advisement Center

3328 WSC
(801) 422-3044
E-mail: ppa@byu.edu
Web: https://ppa.byu.edu/

The Preprofessional Advisement Center serves students preparing to apply to professional graduate programs, specifically law, health (medical, physician assistant, dental, physical therapy, optometry, etc.), and graduate management (MBA, MPA, etc.). For those students who are interested in such professional graduate programs, the center offers workshops, individual counseling, admissions advice, and student development courses to help students explore these fields and prepare for the study and practice of the student's chosen field. The center is open to students from any major.

## Academic Support Office

2500 WSC
(801) 422-2723
E-mail: academic_support@byu.edu
Web: http://aso.byu.edu/

The university experience is rigorous by design. However, it is anticipated that all students admitted to the university are capable of succeeding academically. Many students that experience academic challenges, are able, with the support of university staff and resources, to work through those challenges and to be successful at the university. The mission of the Academic Support Office (ASO), a Student Life department, is to assist undergraduate degree-seeking students who are experiencing academic difficulties. The ASO utilizes skilled advisors and the combined resources of the university to assist students on academic warning, probation, continued academic probation and those facing academic suspension or dismissal, to resolve academic and related concerns.

Students experiencing academic difficulties are often encountering challenges in one or more of the following areas: (1) personal concerns outside the academic realm such as mental health or adjustment challenges, physical illness or injuries, adverse events, relationship or family concerns, financial hardships, etc. that impact academic performance, (2) insufficient academic preparation for the rigors of a university experience, or (3) learning strategies that were sufficient in high school, but are less effective at the university.

ASO advisors and peer coaches support students in addressing non-academic challenges by helping students identify concerns, assess needs, access needed resources, implement appropriate intervention strategies and by providing ongoing support as students work through challenges to improve academic performance. They also provide one-on-one training to help students develop effective study skills and learning strategies. ASO advisors and peer coaches routinely assist students in developing time management, test-preparation, test-taking, reading, note-taking, memory and other academic strategies. Students who experience academic difficulties, who are on warning, probation, CAP, or are facing academic suspension or dismissal from the university are strongly encouraged to contact and enlist the support of the ASO.

## Additional Advisement Resources: Student Development Services

**Courses for Credit**

2510 WSC
(801) 422-4007
Web: https://sds.byu.edu/student-development-classes

Students can receive credit for courses focused on career exploration and development, enhancing academic skills, life planning and decision making, and improving personal mental health. These courses are listed in the class schedule under Student Development (StDev). See the Student Development section of this catalog for course numbers and descriptions.

# Aims of a BYU Education

*Education is the power to think clearly, the power to act well in the world's work, and the power to appreciate life.*

— Brigham Young [1]

The mission of Brigham Young University is "to assist individuals in their quest for perfection and eternal life" ("The Mission Statement of Brigham Young University" [hereafter Mission Statement]). To this end, BYU seeks to develop students of faith, intellect, and character who have the skills and the desire to continue learning and to serve others throughout their lives. These are the common aims of all education at BYU. Both those who teach in the classroom and those who direct activities outside the classroom are responsible for contributing to this complete educational vision.

The statement that follows reaffirms and expands on the earlier and more general Mission Statement adopted in 1981. As the quotations under each heading suggest, this document also draws on the religious and educational teachings of the university's founding prophet, Brigham Young. Quotations within the text come from the scriptures and from the counsel of modern prophets, whose teachings about BYU lay the foundation of the university's mission.

The following four sections discuss the expected outcomes of the BYU experience. A BYU education should be (1) spiritually strengthening, (2) intellectually enlarging, and (3) character building, leading to (4) lifelong learning and service. Because BYU is a large university with a complex curriculum, the intellectual aims are presented here in somewhat greater detail than the other aims. Yet they are deliberately placed within a larger context. The sequence flows from a conscious intent to envelop BYU's intellectual aims within a more complete, even eternal, perspective that begins with spiritual knowledge and ends with knowledge applied to the practical tasks of living and serving.

# Spiritually Strengthening

*Brother Maeser, I want you to remember that you ought not to teach even the alphabet or the multiplication tables without the Spirit of God.*

—Brigham Young [2]

The founding charge of BYU is to teach every subject with the Spirit. It is not intended "that all of the faculty should be categorically teaching religion constantly in their classes, but . . . that every . . . teacher in this institution would keep his subject matter bathed in the light and color of the restored gospel." [3]

This ideal arises from the common purpose of all education at BYU—to build testimonies of the restored gospel of Jesus Christ. A shared desire to "seek learning, even by study and also by faith" (D&C 88:118) knits BYU into a unique educational community. The students, faculty, and staff in this community possess a remarkable diversity of gifts, but they all think of themselves as brothers and sisters seeking together to master the academic disciplines while remaining mastered by the higher claims of discipleship to the Savior.

A spiritually strengthening education warms and enlightens students by the bright fire of their teachers' faith while enlarging their minds with knowledge. It also makes students responsible for developing their own testimonies by strenuous effort. Joseph Smith's words apply equally to faculty and students at BYU: "Thy mind, O man! if thou wilt lead a soul unto salvation, must stretch as high as the utmost heavens, and search into and contemplate the darkest abyss, and the broad expanse of eternity—thou must commune with God." [4] Students need not ignore difficult and important questions. Rather, they should frame their questions in prayerful, faithful ways, leading them to answers that equip them to give "a reason of the hope that is in" them (1 Peter 3:15) and to articulate honestly and thoughtfully their commitments to Christ and to his Church.

# Intellectually Enlarging

*Every accomplishment, every polished grace, every useful attainment in mathematics, music, and in all science and art belong to the Saints, and they should avail themselves as expeditiously as possible of the wealth of knowledge the sciences offer to every diligent and persevering scholar.*

—Brigham Young [5]

The intellectual range of a BYU education is the result of an ambitious commitment to pursue truth. Members of the BYU community rigorously study academic subjects in the light of divine truth. An eternal perspective shapes not only *how* students are taught but *what* they are taught. In preparing for the bachelor's degree, students should enlarge their intellects by developing skills, breadth, and depth: (1) skills in the basic tools of learning, (2) an understanding of the broad areas of human knowledge, and (3) real competence in at least one area of concentration. Further graduate studies build on this foundation.

## Undergraduate

**1. Skills.** BYU undergraduates should acquire the basic tools needed to learn. The essential academic learning skills are the abilities to think soundly, to communicate effectively, and to reason proficiently in quantitative terms. To these ends, a BYU bachelor's degree should lead to:

- *Sound thinking*—reasoning abilities that prepare students to understand and solve a wide variety of problems, both theoretical and practical. Such skills include the ability to keep a proper perspective when comparing the things that matter most with things of lesser import. They also include the ability to engage successfully in logical reasoning, critical analysis, moral discrimination, creative imagination, and independent thought.
- *Effective communication*—language abilities that enable students to listen, speak, read, and write well; to communicate effectively with a wide range of audiences in one's area of expertise as well as on general subjects. For many students this includes communicating in a second language.
- *Quantitative reasoning*—numerical abilities that equip students with the capacity to understand and explain the world in quantitative terms; to interpret numerical data; and to evaluate arguments that rely on quantitative information and approaches.

**2. Breadth.** BYU undergraduates should also understand the most important developments in human thought as represented by the broad domains of knowledge. The gospel provides the chief source of such breadth because it encompasses the most comprehensive explanation of life and the cosmos, supplying the perspective from which all other knowledge is best understood and measured. The Lord has asked his children to "become acquainted with all good books, and with languages, tongues, and people" (D&C 90:15); to understand "things both in heaven and in the earth, and under the earth; things which have been, things which are, things which must shortly come to pass; things which are at home, things which are abroad; the wars and the perplexities of the nations . . . ; and a knowledge also of countries and of kingdoms" (D&C 88:79).

"Because the gospel encourages the pursuit of all truth, students at BYU should receive a broad university education [that will help them] understand important ideas in their own cultural tradition as well as that of others" (Mission Statement). Specifically, BYU undergraduate students should be educated in the following broad areas of human knowledge:

- *Religion*—the doctrines, the covenants, the ordinances, the standard works, and the history of the restored gospel, as well as an awareness of other religious traditions.
- *Historical perspective*—the development of human civilization, appreciation for the unique contributions of America to modern civilization, and a general historical perspective, including perspective on one's own discipline.
- *Science*—The basic concepts of the physical, biological, and social sciences, and a recognition of the power and limitations of the scientific method—preferably through laboratory or field experience.

- *Arts and letters*—lively appreciation of the artistic, literary, and intellectual achievements of human cultures—including Western culture and, ideally, non-Western as well.
- *Global awareness*—informed awareness of the peoples, cultures, languages, and nations of the world.

**3. Depth.** BYU undergraduates should develop competence in at least one area of concentration. Competence generally demands study in depth. Such in-depth study helps prepare students for their life's work; it also teaches them that genuine understanding of any subject requires exploring it fully. Students normally acquire such depth from their major and minor fields. BYU's religion requirement also asks all students to develop depth in scriptural studies and religion.

Depth does not result merely from taking many courses in a field. Indeed, excessive course coverage requirements may discourage rather than enhance depth. Depth comes when students realize "the effect of rigorous, coherent, and progressively more sophisticated study." Depth helps students distinguish between what is fundamental and what is only peripheral; it requires focus, provides intense concentration, and encourages a "lean and taut" degree that has a "meaningful core" and a purposefully designed structure (Memorandum to the Faculty No. 13). In addition to describing carefully structured academic majors, this description applies to well-designed BYU courses of all kinds.

The chief result of depth is competence. BYU's students should be "capable of competing with the best students in their field" (Mission Statement). Even so, undergraduate study should be targeted at entrance-level, not expert-level, abilities. The desire for depth should not lead to bachelor's degrees that try to teach students everything they will need to know after graduation. Students should be able to complete their degrees within about four years.

Undergraduate programs should prepare students to enter the world of work or to pursue further study. Often this requires educational activities that help upperclassmen culminate their studies by integrating them in a capstone project, honors thesis, senior seminar, or internship. By the time they graduate, students should grasp their discipline's essential knowledge and skills (such as mathematical reasoning, statistical analysis, computer literacy, foreign language fluency, laboratory techniques, library research, and teaching methods), and many should have participated in scholarly or creative activities that let them demonstrate their mastery.

## Graduate

Building on the foundation of a strong bachelor's degree, graduate education at BYU asks for even greater competency. Graduate studies may be either academic or professional and at either the master's or doctoral level. In all cases, BYU graduate programs, like undergraduate programs, should be spiritually strengthening as well as intellectually enlarging.

Graduate programs should help students achieve excellence in the discipline by engaging its primary sources; mastering its literature, techniques, and methodologies; and undertaking advanced systematic study—all at a depth that clearly exceeds the undergraduate level. In addition, graduate programs should prepare students to contribute to their disciplines through their own original insights, designs, applications, expressions, and discoveries. Graduate study should thereby enable a variety of contributions—such as teaching complex knowledge and skills, conducting original research, producing creative work that applies advanced learning in the everyday world, and extending professional service to the discipline and to society.

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These intellectual aims of a BYU education are intended to give students understanding, perspective, motivation, and interpersonal abilities—not just information and academic skills. BYU should furnish students with the practical advantage of an education that integrates academic skills with abstract theories, real-world applications, and gospel perspectives. Such an education prepares students who can make a difference in the world, who can draw on their academic preparation to participate more effectively in the arenas of daily life. They are parents, Church leaders, citizens, and compassionate human beings who are able to improve the moral, social, and ecological environment in which they and their families live. They are scientists and engineers who can work effectively in teams and whose work reflects intellectual and moral integrity; historians who write well and whose profound understanding of human nature and of divine influences informs their interpretation of human events; teachers whose love for their students as children of God is enriched by global awareness and foreign language skill; artists whose performances seek to be flawless in both technique and inspiration; business leaders whose economic judgments and management styles see financial reward not as an end but as a means to higher ends. BYU graduates thus draw on an educated intellect to enhance not only what they *know* but also what they *do* and, ultimately, what they *are*.

# Character Building

*A firm, unchangeable course of righteousness through life is what secures to a person true intelligence.*

—Brigham Young [6]

Because it seeks to educate students who are renowned for what they are as well as for what they know, Brigham Young University has always cared as much about strong moral character as about great mental capability. Consequently, a BYU education should reinforce such moral virtues as integrity, reverence, modesty, self-control, courage, compassion, and industry. Beyond this, BYU aims not merely to teach students a code of ethics but to help them become partakers of the divine nature. It aspires to develop in its students character traits that flow from the long-term application of gospel teachings to their lives. This process begins with understanding humankind's eternal nature and ends with the blessing of eternal life, when human character reflects in fully flowered form the attributes of godliness. Along the way, the fruits of a well-disciplined life are augmented and fulfilled by the fruits of the spirit of Jesus Christ—such as charity, a Christlike love for others, which God "hath bestowed upon

all who are true followers of his Son, Jesus Christ" (Moroni 7:48). Students thus perfect their quest for character development by coming unto Christ through faith, repentance, and righteous living. Then their character begins to resemble his, not just because they think it should but because that is the way they are.

President David O. McKay taught that character is the highest aim of education: above knowledge is wisdom, and above wisdom is character. "True education," he explained, "seeks to make men and women not only good mathematicians, proficient linguists, profound scientists, or brilliant literary lights, but also honest men with virtue, temperance, and brotherly love." [7] Consequently, a BYU education should bring together the intellectual integrity of fine academic discipline with the spiritual integrity of personal righteousness. The result is competence that reflects the highest professional and academic standards—strengthened and ennobled by Christlike attributes.

Thus understood, the development of character is so important that BYU "has no justification for its existence unless it builds character, creates and develops faith, and makes men and women of strength and courage, fortitude, and service—men and women who will become stalwarts in the Kingdom and bear witness of the . . . divinity of the gospel of Jesus Christ. It is not justified on an academic basis only." [8] Rather, it fulfills its promise when "the morality of the graduates of this University provide[s] the music of hope for the inhabitants of this planet." [9]

Every part of the BYU experience should therefore strengthen character—academic integrity in taking a test or writing a research paper; sportsmanship on the playing field; the honest reporting of research findings in a laboratory; careful use of university funds derived from the tithes of Church members; treating all other people with dignity and fairness; and wholehearted acceptance of commitments made to bishops and parents. Character is constructed by small decisions. At this personal level of detail, BYU will realize its hope of teaching "those moral virtues which characterize the life and teachings of the Son of God" (Mission Statement).

## Lifelong Learning and Service

*We might ask, when shall we cease to learn? I will give you my opinion about it; never, never. . . . We shall never cease to learn, unless we apostatize from the religion of Jesus Christ.*

—Brigham Young [10]

*Our education should be such as to improve our minds and fit us for increased usefulness; to make us of greater service to the human family.*

—Brigham Young [11]

Well-developed faith, intellect, and character prepare students for a lifetime of learning and service. By "entering to learn" and continuing to learn as they "go forth to serve," BYU students strengthen not only themselves—they "also bring strength to others in the tasks of home and family life, social relationships, civic duty, and service to mankind" (Mission Statement).

**1. Continual Learning.** BYU should inspire students to keep alive their curiosity and prepare them to continue learning throughout their lives. BYU should produce careful readers, prayerful thinkers, and active participants in solving family, professional, religious, and social problems. They will then be like Abraham of old, who had been "a follower of righteousness, desiring also to be one who possessed great knowledge, and to be a greater follower of righteousness, and to possess a greater knowledge, . . . desiring to receive instructions, and to keep the commandments of God." In this lifelong quest, they, like Abraham, will find "greater happiness and peace and rest" (Abraham 1:2). Thus a BYU diploma is a beginning, not an end, pointing the way to a habit of constant learning. In an era of rapid changes in technology and information, the knowledge and skills learned this year may require renewal the next. Therefore, a BYU degree should educate students in how to learn, teach them that there is much still to learn, and implant in them a love of learning "by study and also by faith" (D&C 88:118).

**2. Service.** Since a decreasing fraction of the Church membership can be admitted to study at BYU, it is ever more important that those who are admitted use their talents to build the kingdom of God on the earth. Hence, BYU should nurture in its students the desire to use their knowledge and skills not only to enrich their own lives but also to bless their families, their communities, the Church, and the larger society. Students should learn, then demonstrate, that their ultimate allegiance is to higher values, principles, and human commitments rather than to mere self-interest. By doing this, BYU graduates can counter the destructive and often materialistic self-centeredness and worldliness that afflict modern society. A service ethic should permeate every part of BYU's activities—from the admissions process through the curriculum and extracurricular experiences to the moment of graduation. This ethic should also permeate each student's heart, leading him or her to the ultimate wellspring of charity—the love for others that Christ bestows on his followers.

## Conclusion

*Education is a good thing, and blessed is the man who has it, and can use it for the dissemination of the Gospel without being puffed up with pride.*

—Brigham Young [12]

These are the aims of a BYU education. Taken together, they should lead students toward wholeness: "the balanced development of the total person" (Mission Statement). These aims aspire to promote an education that helps students integrate all parts of their university experience into a fundamentally sacred way of life—their faith and reasoning, their knowledge and conduct, their public lives and private convictions. Ultimately, complete wholeness comes only through the Atonement of him who said, "I am come that they might have life, and that they might have it more abundantly" (John 10:10). Yet a university education, guided by eternal principles, can greatly "assist individuals in their quest for" that abundant "eternal life" (Mission Statement).

A commitment to this kind of education has inspired the prophets of the past to found Church schools, like BYU, on the principle that "to be learned is good if they hearken unto the counsels of God" (2 Nephi 9:29). These prophets have known the risks of such an enterprise, for "that happiness which is prepared for the saints" shall be hid forever from those "who are puffed up because of their learning, and their wisdom" (see 2 Nephi 9:42–43). Yet they have also known that education plays a vital role in realizing the promises of the Restoration; that a broad vision of education for self-reliance and personal growth is at the very heart of the gospel when the gospel is at the heart of education. To the degree that BYU achieves its aims, the lives of its students will confirm Brigham Young's confidence that education is indeed "a good thing," blessing all those who humbly and faithfully use it to bless others.

*Notes*

1. Brigham Young, quoted by George H. Brimhall in "The Brigham Young University,"; *Improvement Era*, vol. 23, no. 9 (July 1920), p. 831.
2. Brigham Young, in Reinhard Maeser, *Karl G. Maeser: A Biography* (Provo: Brigham Young University, 1928), p. 79.
3. Spencer W. Kimball, "Education for Eternity," Preschool Address to BYU Faculty and Staff, 12 September 1967, p. 11.
4. Joseph Smith, *Teachings of the Prophet Joseph Smith*, sel. Joseph Fielding Smith (Salt Lake City: Deseret Book Company, 1972), p. 137.
5. Brigham Young, *Journal of Discourses* (hereafter *JD*), vol. 10 (London: Latter-day Saints' Book Depot, 1854–86), p. 224.
6. Brigham Young, *JD* 8:32.
7. David O. McKay, "Why Education?" *Improvement Era*, vol. 70, no. 9 (September 1967), p. 3.
8. Spencer W. Kimball, "On My Honor," in *Speeches of the Year*, 1978 (Provo: Brigham Young University Press, 1979), p. 137.
9. Spencer W. Kimball, "Second Century Address and Dedication of Carillon Tower and Bells," Brigham Young University, 10 October 1975, p. 12.
10. Brigham Young, *JD* 3:203.
11. Brigham Young, *JD* 14:83.
12. Brigham Young, *JD* 11:214.

Approved by the BYU Board of Trustees on March 1, 1995.

# Careers & Experiential Learning

## Career Services

1134 WSC
801-422-3000

**Careers & Experiential Learning** facilitates exceptional opportunities for students to achieve their career and life goals. Whether it is helping students discover their purpose, find meaningful experience, or build valuable relationships with alumni and employers, our goal is to help students design their best future.

## Career Services

E-mail: byucareerservices@byu.edu
Website: https://careers.byu.edu

Students will find mentored assistance with career exploration, graduate school preparation, resumes, mock interviews, networking, online profiles, and access to career networks. Students can take the Gallup Clifton Strengths assessment to better understand how their unique talents and personal strengths can sustain their success in college and beyond.

Experienced Career Directors are assigned to students in each college, and they provide individualized career guidance and assistance connecting with alumni, industry professionals, and career-building opportunities, including treks to visit professional environments. Several career directors are physically housed in the colleges they serve (Engineering, Math & Science, Life Science) in addition to the services available to all students in the Career Studio, located in the Wilkinson Center.

The **Career Studio** is available for drop-in, no-appointment-necessary services where students can actively work on their professional documents and have conversations about their Strengths with experienced career mentors. Our career mentors share best practices and strategies based on the most up-to-date employer feedback collected regularly by recruiters looking to hire BYU students.

Students may log into Handshake at handshake.byu.edu to gain access to hundreds of and job and internship postings. Every year Career Services facilitates thousands of local, state, and national recruiting opportunities through on-campus career fairs, interviews, information sessions, and targeted networking events.

# Experiential Learning

E-mail: experiential.learning@byu.edu
Website: https://experience.byu.edu

Experiential learning is defined as learning through experience (Kolb, 1984). While learning may naturally occur through any given experience, not all experience produces experiential learning. At BYU, four foundational characteristics distinguish experiential learning from ordinary or chance experience and foster *inspiring learning*:

1. **Inspiration**: *Inspiring Learning is* "learning that leads to inspiration or revelation" (Worthen, 2016). Learners are invited to actively engage the inspiration of the Holy Spirit in the realm of inquiry in which they may be involved (see Moroni 10:5).
2. **Intention**: Learning outcomes describe the knowledge, skills, or abilities the learners should have after successfully completing the experience.
3. **Integration**: High impact practices are utilized and avenues to apply learning are identified. Application of emerging inspiration, knowledge, skills, or dispositions are fostered.
4. **Reflection**: Learners engage in purposeful reflection. Learners consider what they have learned (what), ascertain meaning (so what), and how their learning can be used in future career or life plans (now what).

BYU has a strong tradition of experiential learning which includes research with faculty, doing field study or field work, completing an internship, going on a study abroad, or participating in a variety of culminating learning experiences such as capstones, competitions, festivals, or performances. Additionally, involvement in clubs, student employment, or service learning are among the myriad of campus opportunities available for students to create inspiring experiences.

Our experiential learning professionals facilitate, promote, and provide trainings with a primary purpose to help students find and create inspiring experiences. Students who learn to seek, recognize, and act upon inspiration in their experiences form a foundation for lifelong learning.

# Academic Internships

E-mail: internship@byu.edu
Website: https://experience.byu.edu

Internships provide an opportunity for skill development, perspective, mentored supervision, professional connections, and the ability to apply the academic learning occurring on campus. The internship experience is an opportunity for undergraduates to confirm they are on an academic path that suits their talents, abilities and interests. The office oversees department internship programs to assure that students and faculty are compliant with the university internship policy and legal obligations with internship providers.

Students seeking academic credit for internships must receive prior department and university approval and complete formal registration before commencing. Course offerings vary according to student and program needs. Registration in a department's 199R, 299R, 399R, 496R, 599R, or 688R course is required for internship credit. Individual departments specify course numbers for clinical, practicum, or other applied, experiential learning courses. Credit varies, generally ranging from 0.5 to 12 credit hours. Grades are based on both academic and work-related accomplishments.both academic and work-related accomplishments.

# Catalog Archives

# Catalog Archives

BYU archives each academic year's Undergraduate Catalog. Below is a listing of the past few years and a link to the library's archive dating back to 1901.

## Undergraduate Catalogs

- Current Undergraduate Catalog
- 2022-2023 Undergraduate Catalog
- 2021-2022 Undergraduate Catalog
- 2020-2021 Undergraduate Catalog
- 2019-2020 Undergraduate Catalog
- 2018-2019 Undergraduate Catalog
- 2017-2018 Undergraduate Catalog
- 2016-2017 Undergraduate Catalog
- 2015-2016 Undergraduate Catalog
- 1901-2015: Library Archives (PDFs)

## Graduate Catalogs

- Current Graduate Catalog
- Library Archives (PDFs)

# Educator Requirements

**Educator Preparation Program (EPP) Admissions and Retention Requirements (for Students Who Apply for Teaching Majors or Teaching Minors After December 16, 2019)**

## Pre-teaching Majors

Students (undergraduates, graduates, and post-baccalaureate students) wishing to pursue a teaching major must complete the following:

1. Declare the corresponding pre-teaching major.
2. Register on the BYU Educator Preparation Program (EPP) management system, EDUCATOR, at https://educator.byu.edu/
3. Complete the requirements for application for the teaching major.

Note: To declare a teaching minor, a student must be admitted to a teaching major and meet all retention requirements for both the major and minors.

## Teaching Majors: Minimum EPP Admission Standards

Students must apply to the appropriate program and meet the following standards:

1. Utah State Board of Education (USBE)-cleared fingerprint background check.
2. USBE-approved basic skills test in Reading, Math, and Writing (i.e., ACT, SAT, Praxis Core Test).
3. Pass all required EPP assessments (e.g. dispositions assessment).
4. Complete all program-specific admissions requirements (see each teaching major).
5. Meet the cohort average GPA of 3.0. Students with a GPA between 2.7-2.99 may be conditionally accepted with no remediation plan; students with GPA 2.0-2.69 may be conditionally accepted with a remedition plan. Each Program must have a cohort acceptance GPA average of 3.0.

## Teaching Majors: Minimum EPP Retention Standards

Students must meet the following standards:

*Note: To be recommended for student teaching, a student must have a total GPA of at least 2.7; all coursework must be completed and teaching major and teaching minor coursework grades must be a C or better.

1. Demonstration of content knowledge, pedagogical content knowledge, pedagogical skills, and integration of technology across those domains.
    1. Maintain a total GPA of no less than 2.7.
    2. Receive a "C" or better in all education-related and major required courses (including any courses taken prior to acceptance into a teaching major)*
    3. Demonstrate sufficient and timely progress in coursework and field experiences
2. Demonstration of basic teaching capabilities.
    1. Teach to the Utah Effective Teaching Standards
    2. Teach to college- and career-ready standards (i.e., Utah Common Core Standards)
    3. Teach effectively with positive impacts on P-12 student learning and development
3. Maintain a USBE-cleared fingerprint background check.
4. Demonstrate professional ethics, behavior, and dispositions (e.g., BYU Honor Code, including dress and grooming standard; dispositions assessment; Utah Effective Teaching Standard #10; and Utah Board Rule 277R-515 Utah Educator Standards).
5. Maintain all program and major-specific retention requirements.

## Requirements for Graduation and Recommendation for Utah State Licensure

Students must meet the following requirements for graduation from BYU with a teaching major and for recommendation to the Utah State Board of Education for a teaching license:

- Pass the content-specific Praxis Subjects Assessment test (formerly Praxis II test) for applicable teaching majors and minors. Students wishing to complete and internship must have passed the Praxis Subject Assessment prior to beginning internship.
- Meet the established EPP performance criteria for successful completion of student teaching in the major and minor teaching areas.

- Meet the established EPP performance criteria for successful completion of capstone assignments/assessments (e.g., Performance Assessment & Evaluation System).
- Meet the established performance criteria for successful completion of all program- and major-specific graduation requirements.
- Maintain USBE-cleared fingerprint background clearance in effect four weeks after graduation.
- Successful complete a Pedagogical Performance Assessment (e.g. PPAT).
- Complete and maintain all EPP admission, retention, and graduation requirements.
- Pay all fees for graduation and any other outstanding university charges.
- Meet all requirements for recommendation for Utah licensure.

## Harold B. Lee Library

The Harold B. Lee Library is the University's gateway to research materials. The library's website, **lib.byu.edu**, features a powerful and easy-to-use search tool for both electronic and print resources. Through this online hub, students and faculty have access to scholarly research materials including databases, journals, and e-books. The system also searches the library's physical collection of materials including over 8 million books, journals, photographs, and more. Librarians and staff provide research help in person or through online **chat**, text, e-mail, or telephone. Students are encouraged to use the library's ready-made **Research Guides** for specific subjects.

The library building is a beautiful, quiet, and comfortable environment for studying. Thousands of chairs and study tables spread out over 5 floors. The library provides group study rooms, collaborative work areas, a family-friendly study room, and specialty labs for multimedia work, scanning, and 3D printing. Wi-Fi is available throughout the building.

Students are also invited to use non-circulating items, including the rare and unique materials located in **special collections**, which are available for research.

During fall and winter semesters, the library is generally open from 7:00 a.m. to midnight Monday through Friday and from 8:00 a.m. to midnight on Saturday.

BYU students and faculty may also use the facilities of other college and university libraries in Utah, as well as select libraries in other states, thanks to cooperative agreements implemented through state and national library consortia.

Learn more about the library by visiting **lib.byu.edu**. Keep up to date on library events and announcements by following the library on social media: **https://www.facebook.com/byuhbll** and **Instagram @byu_hbll**.

# Jerusalem Center

# Jerusalem Center for Near Eastern Studies

The Brigham Young University Jerusalem Center for Near Eastern Studies is an educational and cultural center created for study in the Near East, emphasizing religion, the humanities, and the social sciences. The Jerusalem Center has three principal goals:

1. Provide students an opportunity to grow academically, culturally, socially, and especially spiritually, in a setting touched by the lives of apostles, prophets, and the Lord Jesus Christ.
2. Help students gain a greater understanding, appreciation, and respect for the peoples of the Holy Land and neighboring lands by studying cultural artifacts, traditions, and histories of the area.
3. Encourage students to enlarge and deepen testimony of the restoration of the gospel of Jesus Christ and come to understand the mission of the Savior better as they study, on site, His life and teachings and his dealings through ancient prophets and apostles.

To achieve these goals, the Jerusalem Center offers a core curriculum focused on the Old and New Testaments and on ancient and modern Near Eastern studies. Classroom study is integrated with a field trip program spanning the length and breadth of the Holy Land as well as travel to Jordan and to either Egypt or Greece. In addition, the Center provides introductory language study in Hebrew and Arabic.

The Jerusalem Center has marvelous physical facilities on Mount Scopus overlooking the oldest part of the city of Jerusalem. Classrooms, a library, a learning center, auditoriums, student and faculty apartments, a gymnasium and conditioning room, and a cafeteria provide a complete learning environment.

## Academic Program

**Calendar and Program Emphasis.** Three programs are offered during the calendar year, scheduled to approximate the Provo campus calendar: fall, winter, and spring-summer (four-month programs).

1. The semester programs are designed for students who are currently enrolled at one of the BYU institutions (BYU in Provo, BYU-Idaho, BYU-Hawaii) seeking their first undergraduate degree. Most of the courses offered are at the upper-division level. Students are encouraged to prepare themselves in advance for this exceptional experience by taking such courses as Poli 170, Geog 120, Hist 300, 302, Arab 101, Heb 101.
2. All programs include field trips within the Holy Land and to Jordan and to either Egypt or Greece.

**Curriculum.** The following subject areas are currently taught at the center:

1. Biblical Studies: Old Testament and New Testament
2. Ancient Near Eastern Studies
3. Modern Near Eastern Studies
4. Introductory course in either Hebrew or Arabic.

**Note:** Some courses taken at the Jerusalem Center for Near Eastern Studies may be applied toward degrees in Near Eastern Studies, International Relations, and other majors in the College of Family, Home, and Social Sciences. Students should contact their advisement centers concerning specific degree requirements.

# Limited Enrollment Programs

# Limited Enrollment Programs

Some university programs host only limited enrollments due to resource constraints. These programs are granted Limited Enrollment Program status, and generally require application for student admission to the program. The table below lists all Limited Enrollment Programs at the university, and summarizes the maximum number of student participants and their acceptance rates.

| **BUSINESS** | | | | | |
|---|---|---|---|---|---|
| | 2019-20 Admt'd % | 2020-21 Admt'd % | 2021-22 Admt'd % | Program Limit | Appl'n Deadlines |
| Accounting (BS) | 92% | 95% | 92% | 300 | June 30 |
| Business Management (BS) | 88% | 70% | 93% | 40 | June 30 |
| Entrepreneurial Management (BS) | 53% | 77% | 52% | 50 | June 30 |
| Experience Design and Management (BS) | 89% | 74% | 68% | 135 | June 30 |
| Finance (BS) | 52% | 83% | 91% | 210 | June 30 |
| Global Supply Chain Management (BS) | 48% | 66% | 60% | 120 | June 30 |
| Human Resource Management (BS) | 54% | 88% | 74% | 50 | June 30 |
| Information Systems (BS) | 74% | 84% | 96% | 230 | June 30 |
| Marketing (BS) | 59% | 73% | 54% | 125 | June 30 |
| Strategic Management (BS) | 39% | 74% | 54% | 55 | June 30 |
| Strategy (Minor) | 63% | 88% | 79% | 15 | |
| **EDUCATION** | | | | | |
| | 2019-20 Admt'd % | 2020-21 Admt'd % | 2021-22 Admt'd % | Program Limit | Appl'n Deadlines |
| Communication Disorders (BS) | 64% | 83% | % | 400 | April 15<br>October 15 |
| **ENGINEERING** | | | | | |

| **BUSINESS** | | | | | |
|---|---|---|---|---|---|
| | 2019-20 Admt'd % | 2020-21 Admt'd % | 2021-22 Admt'd % | Program Limit | Appl'n Deadlines |
| Mechanical Engineering (BS) | 82% | 78% | 74% | 240 | February 10<br>July 10<br>October 10 |
| Mechanical Engineering: Aerospace (BS) | - | - | - | - | |
| **FINE ARTS AND COMMUNICATIONS** | | | | | |
| | 2019-20 Admt'd % | 2020-21 Admt'd % | 2021-22 Admt'd % | Program Limit | Appl'n Deadlines |
| Acting (BFA) | 26% | 22% | 33% | 32 | April<br>December |
| Animation (BFA) | 34% | 33% | 35% | 75 | June 16 |
| Art (BFA) | 93% | 73% | 88% | 26 | March 30<br>November 30 |
| Art Education (Minor) | 100% | 100% | 100% | 10 | Completion of ArtEd 276 |
| Art Education K-12 (BA) | 100% | 70% | 100% | 51 | Completion of ArtEd 276 |
| Commercial Music (BM) | 18% | - | % | see Music (BA) | December 1 |
| Communications: Advertising (BA) | 66% | 70% | 76% | 200 | September<br>January |
| Communications: Communications Studies (BA) | - | 99% | 98% | 200 | September<br>January |
| Communications: Journalism (BA) | 99% | 100% | 100% | 200 | September<br>January |
| Communications: Public Relations (BA) | 80% | 95% | 90% | 220 | September<br>January |
| Dance (BFA) | 100% | 86% | 60% | 60 | November |
| Dance Education K-12 (BA) | 100% | 100% | 100% | 60 | October |
| Interdisciplinary Design (BA) | 25% | 34% | 18% | 20 | June 1 |
| Graphic Design (BFA) | 28% | 41% | 49% | 40 | June 16 |
| Illustration (BFA) | 45% | 44% | 49% | 40 | June 16 |
| Industrial Design (BFA) | 59% | 46% | 46% | 94 | August 1, 4 PM MST<br>December 2, 4 PM MST |

| | | | | | |
|---|---|---|---|---|---|
| **BUSINESS** | | | | | |
| Media Arts Studies (BA) | 60% | 67% | 72% | 180 (major and minor combined) | March and November |
| Music (BA) | 45% | 48% | % | 650 in all BM programs | Dec 1 |
| Music Composition (BM) | 38% | 33% | % | see Music (BA) | December 1 |
| Music Dance Theatre (BFA) | 15% | 11% | 18% | 65 | November 15 |
| Music Education: K-12 General Music (BM) | 45% | 38% | % | see Music (BA) | December 1 |
| Music Performance: Brass (BM) | 68% | 52% | % | see Music (BA) | December 1 |
| Music Performance: Combined Piano & Organ (BM) | - | 50% | % | see Music (BA) | December 1 |
| Music Performance: Organ (BM) | 57% | 33% | % | see Music (BA) | December 1 |
| Music Performance: Percussion (BM) | 67% | 65% | % | see Music (BA) | December 1 |
| Music Performance: Piano (BM) | 41% | 43% | % | see Music (BA) | December 1 |
| Music Performance: String (BM) | 41% | 41% | % | see Music (BA) | December 1 |
| Music Performance: Vocal (BM) | 21% | 25% | % | see Music (BA) | December 1 |
| Music Performance: Woodwind (BM) | 64% | 62% | % | see Music (BA) | December 1 |
| Photo- & Lens- Based Design (BFA) | 39% | 69% | 52% | 40 | June 16 |
| **HUMANITIES** | | | | | |
| | 2019-20 Admt'd % | 2020-21 Admt'd % | 2021-22 Admt'd % | Program Limit | Appl'n Deadlines |
| Spanish Teaching (BA) | 97% | 80% | 100% | 50 | February 28 October 31 |
| Spanish Translation (BA) | 60% | 100% | 100% | 50 | First week of Fall semester |
| **LIFE SCIENCES** | | | | | |
| | 2019-20 Admt'd % | 2020-21 Admt'd % | 2021-22 Admt'd % | Program Limit | Appl'n Deadlines |

| | | | | | |
|---|---|---|---|---|---|
| **BUSINESS** | | | | | |
| Dietetics (BS) | 91% | 62% | 100% | 80 | February 15 |
| Medical Laboratory Science (BS) | 96% | 89% | 85% | 48 | March 1<br>October 1 |
| **NURSING** | | | | | |
| | 2019-20 Admt'd % | 2020-21 Admt'd % | 2021-22 Admt'd % | Program Limit | Appl'n Deadlines |
| Nursing (BS) | 38% | 35% | 32% | 64 | May<br>September |
| **PHYSICAL AND MATHEMATICAL SCIENCES** | | | | | |
| | 2019-20 Admt'd % | 2020-21 Admt'd % | 2021-22 Admt'd % | Program Limit | Appl'n Deadlines |
| Computer Science: Animation and Games (BS) | 58% | 74% | 57% | 50 | April 15<br>December 15 |

## Mission of BYU

The mission of Brigham Young University—founded, supported, and guided by The Church of Jesus Christ of Latter-day Saints—is to assist individuals in their quest for perfection and eternal life. That assistance should provide a period of intensive learning in a stimulating setting where a commitment to excellence is expected and the full realization of human potential is pursued. All instruction, programs, and services at BYU, including a wide variety of extracurricular experiences, should make their own contribution toward the balanced development of the total person. Such a broadly prepared individual will not only be capable of meeting personal challenge and change but will also bring strength to others in the tasks of home and family life, social relationships, civic duty, and service to mankind. To succeed in this mission the university must provide an environment enlightened by living prophets and sustained by those moral virtues which characterize the life and teachings of the Son of God. In that environment these four major educational goals should prevail:

- All students at BYU should be taught the truths of the gospel of Jesus Christ. Any education is inadequate which does not emphasize that His is the only name given under heaven whereby mankind can be saved. Certainly all relationships within the BYU community should reflect devout love of God and a loving, genuine concern for the welfare of our neighbor.
- Because the gospel encourages the pursuit of all truth, students at BYU should receive a broad university education. The arts, letters, and sciences provide the core of such an education, which will help students think clearly, communicate effectively, understand important ideas in their own cultural tradition as well as that of others, and establish clear standards of intellectual integrity.
- In addition to a strong general education, students should also receive instruction in the special fields of their choice. The university cannot provide programs in all possible areas of professional or vocational work, but in those it does provide the preparation must be excellent. Students who graduate from BYU should be capable of competing with the best in their fields.
- Scholarly research and creative endeavor among both faculty and students, including those in selected graduate programs of real consequence, are essential and will be encouraged.

In meeting these objectives BYU's faculty, staff, students, and administrators should also be anxious to make their service and scholarship available to The Church of Jesus Christ of Latter-day Saints in furthering its work worldwide. In an era of limited enrollments, BYU can continue to expand its influence both by encouraging programs that are central to the Church's purposes and by making its resources available to the Church when called upon to do so. We believe the earnest pursuit of this institutional mission can have a strong effect on the course of higher education and will greatly enlarge Brigham Young University's influence in a world we wish to improve.

—Approved by the BYU Board of Trustees
November 4, 1981

# University Core Explained

## The Pursuit of All Truth

The BYU Mission states: "Because the gospel encourages the pursuit of all truth, students at BYU should receive a broad university education. The arts, letters, and sciences provide the core of such an education, which will help students think clearly, communicate effectively, understand important ideas in their own cultural tradition as well as that of others, and establish clear standards of intellectual integrity.

A bachelor's degree from Brigham Young University consists of the core (general education and religious education) and the major. The two complement each other and are ideally integrated throughout the student journey. The skills and knowledge derived from a robust liberal arts education equip students with competencies that provide versatility in employment and a foundation for life-long learning and service.

The hallmark of a BYU education is the integration of sacred and secular knowledge. While the *Aims of a BYU Education* states all disciplines should be "bathed in the light and color of the restored gospel," religion courses engage students in an ever deeper understanding of the gospel of Jesus Christ through close and meticulous study of the scriptures and teachings of the living prophets.

## Administration of the University Core

The university core is administered collaboratively by the deans of Undergraduate Education and Religious Education under the direction of the academic vice president. Religious Education is responsible for the Doctrinal Foundation and Religion Electives components and courses that meet those requirements; Undergraduate Education is responsible for the general education component. The success of the core depends on dedicated faculty from throughout the university. The Faculty General Education Council, chaired by the associate dean of Undergraduate Education, reviews and certifies all courses that meet general education requirements within the university core.

## Who Must Complete University Core Requirements?

All students who receive undergraduate degrees from BYU are required to complete the core requirements as outlined below. Exceptions to this policy are explained in the Graduation Requirements Policy.

## Description of the University Core

There are four categories in the university core: 1. Doctrinal Foundations, 2. The Individual and Society, 3. Skills, and 4. Arts, Letters, and Sciences.

Visit the "University Core" page in this catalog for an up-to-date list of approved courses.

## Doctrinal Foundation and Religion Electives

Religious Education offers courses in ancient and modern scripture, Church history and doctrine, and related subjects. Together these help students gain a deeper understanding of "the doctrines, the covenants, the ordinances, the standard works, and the history of the restored gospel" (*Aims*, "Intellectually Enlarging").

Because The Church of Jesus Christ of Latter-day Saints maintains that regular gospel study is a necessary part of the university experience, BYU provides religion courses so students may progress in their religious convictions and understanding concurrently with their educational progress in secular fields. As such, religion courses are not meant to be a mere devotional supplement but an integral part of the university curriculum that conforms to university standards and expectations.

## Cornerstones

The heart of the religion component is doctrinal foundation based on careful, informed, and reflective study of sacred scripture and doctrines of The Church of Jesus Christ of Latter-day Saints.

While enrolled at BYU, all students must complete the Four Cornerstones requirement as outlined in the chart below. Note that religion course requirements are different for transfer students. Since the religion requirement is determined by the number of transfer hours, it is important for each student to refer to their official personal progress report or consult with a university advisement center to determine their official status and corresponding religion requirement for graduation.

Students who are not members of the Church are strongly encouraged to enroll in Rel C 100, Introduction to the Church of Jesus Christ of Latter-day Saints, during their first semester in residence. This course is designed to be informational, introduce students to the culture, scriptures, and distinctive doctrines of The Church of Jesus Christ of Latter-day Saints, and to prepare them for subsequent religion classes.

## Religion Electives

In addition to fulfilling the Four Cornerstones requirement, all students are required to take a specified number of BYU religion course hours as outlined in the chart below. Fulfilling these hours can be accomplished by taking BYU Cornerstone courses and/or BYU religion elective courses intended to enrich the Cornerstone courses with rigorous study from a variety of religious topics dealing with ancient scripture and Church history and doctrine. **Religion courses taken from LDS institutes of religion (including stake institutes) or Church Educational System schools (BYU–Idaho or BYU–Hawaii) will not fulfill the required number of BYU residency religion hours to be taken by each student. Only religion hours taken at the Provo campus will fulfill this requirement, though they may be taken prior to admission as a degree-seeking student.**

Religion courses taken at the BYU Salt Lake Center and through the BYU Independent Study program are considered part of the BYU campus and will fulfill the required number of religion courses required of each student.

Because regular gospel study should be a continuous part of a student's university experience, it would be ideal to take one religion class each semester of enrollment. **To encourage this, no more than 4 hours of religion credit per semester (spring/summer counts as one semester) may be counted toward the required religion hours to be taken at BYU.**

No religion course numbered in the 500s and 600s may be applied toward undergraduate religion credit. Religion credit from non-LDS universities will not be counted toward fulfilling any part of the religion requirement.

<table>
<tr><th>Total Hours Transferred to BYU</th><th>Total BYU Religion Hours to Take While Enrolled at BYU (Provo)</th><th>Cornerstone Courses Required for BYU Graduation*</th></tr>
<tr><td>0–14.9</td><td>14</td><td rowspan="7">Rel C 200: The Eternal Family<br>Rel C 225: Foundations of the Restoration<br>Rel A 250: Jesus Christ and the Everlasting Gospel<br>Rel A 275: Teachings and Doctrine of the Book of Mormon<br><br>or approved substitutions***</td></tr>
<tr><td>15–29.9</td><td>12</td></tr>
<tr><td>30–44.9</td><td>10</td></tr>
<tr><td>45–59.9</td><td>8</td></tr>
<tr><td>60–74.9</td><td>6**</td></tr>
<tr><td>75–89.9</td><td>4**</td></tr>
<tr><td>90 or more</td><td>2**</td></tr>
<tr><td colspan="3">For students admitted and enrolled for Fall 2019 and thereafter, AP credit will not be included as part of total hours transferred to BYU as it applies to religion requirements.<br>* All students graduating from BYU, BYU-Idaho, BYU-Hawaii and LDS Institute must complete ALL cornerstone requirements. Credit for these courses may be transferred from BYU-Idaho, BYU-Hawaii, and LDS Institutes as per current policy.<br>**More religion credit may be needed if cornerstone requirements have not been completed.<br>***Approved substitutions: For Rel C 200, Rel C 333: Teachings of the Living Prophets; for Rel C 200, SFL 200: The Eternal Family; for Rel A 250, Rel A 211: New Testament; for Rel A 250, Rel A 311R: New Testament Studies; for Rel A 275, Rel A 121 or 122: Book of Mormon.<br>.</td></tr>
</table>

# General Education Categories

## Individual and Society

The Individual and Society requirements inspire students to continue to learn and serve throughout their lives. Students actively learn to participate in solving the family, professional, religious, and social problems they will encounter after graduation. The Individual and Society category houses the area of Citizenship, which includes American Heritage and Global and Cultural Awareness.

American Heritage gives students an introduction to the political and economic foundations of the American democratic system and helps students appreciate the unique contribution of America to modern civilization. The Global and Cultural Awareness requirement ensures students develop an "informed awareness of the peoples, cultures, languages, and nations of the world." Students learn to understand important ideas in their own cultural tradition as well as others and are prepared to "go forth to serve."

## Skills

The ability to communicate effectively is deemed a crucial skill in our society. The following requirements are grouped in this category:

- First-Year Writing
- Advanced Written and Oral Communication
- Quantitative Reasoning
- Languages of Learning

First-Year Writing teaches methods of library research, text or rhetorical analysis, and writing skills in different genres and styles. Students will use and expand these skills in all succeeding years of university work. Once students identify an area for major study, the Advanced Written and Oral Communication requirement introduces them to the discourse and documentation style of their chosen discipline, prepares them to write and present in their professional fields, and teaches them to communicate their disciplinary knowledge to an external audience.

To function in a technological society, a basic knowledge of mathematics and problem solving is essential. Quantitative Reasoning requires all students to certify at a basic level of numeracy, either with an appropriately high score on the math section of the ACT or SAT exams or by the completion of a BYU course. Then, within the Languages of Learning requirement, students gain advanced symbolic language skills in mathematics, statistics, or a foreign language.

### Arts, Letters, and Sciences

The university's mission statement asserts that the "arts, letters, and sciences provide the core of [a broad university] education." These requirements build upon work in other categories of the core by developing "historical perspective" and "a lively appreciation of the artistic, literary, and intellectual achievements of human cultures." They also extend the student's understanding of "basic concepts of the . . . sciences," including "a recognition of the power and limitations of the scientific method" (*Aims,* "Intellectually Enlarging"). This category comprises a Civilization sequence, separate requirements in Arts and in Letters, and requirements in the Biological, Physical, and Social Sciences. The Civilization requirement provides a historical framework and a consideration of important works and themes. Through the Arts and Letters requirements, students deepen their appreciation of artistic and literary works and grow in their capacity to analyze, interpret, and draw justifiable implications from their reading and experience with the visual and performing arts.

The area of Scientific Principles and Reasoning contains three requirements: Biological Science, Physical Science, and Social Science. These requirements help develop an understanding of scientific reasoning and the scientific method and expose students to the excitement of discovery in these separate fields. Students will evaluate scientific data and make rational decisions on science-related issues that will affect their lives and community.

## Selection and Timing of GE Classes

Students fulfill each GE requirement by completing one course or a combination of courses chosen from the approved list found here. Single-course options are most often designed for students whose major is not closely related to the requirement. On the other hand, combination-of-course options are often designed for majors related to the requirement and may include courses a student might take to satisfy a major or minor requirement. Students should carefully consider which option best meets their educational needs, keeping in mind the aim of pursuing a lively interrelationship between the core and the major over the whole undergraduate experience.

Not all approved GE courses are appropriate for all students. For instance, some have prerequisites, some are upper-division classes, and some are designed primarily for specific majors. Students should avoid registering for courses for which they are not academically prepared and should consult with the class instructor or an advisor if they are unsure. College advisement centers are valuable resources when students have questions about course selection, timing, and planning.

To gain approval to meet a GE requirement, a course is subjected to a rigorous evaluation by the Faculty GE Council. Such approval is not granted lightly and students should ensure the courses they select are, in fact, *approved* for GE credit. Courses not certified to satisfy the appropriate GE requirement will not count. This information is updated each year and published in the catalog. It is the responsibility of the student to verify that planned courses are certified to satisfy GE requirements.

Occasionally it is possible to complete more than one GE requirement with a single course. See the University Core for details; look especially at the Civilization 2 requirements for courses that double-count for Arts, Letters, or Global and Cultural Awareness. Many foreign languages double-count for Global and Cultural Awareness, a few for Letters; see Languages of Learning under Skills. Students are encouraged to use such "double-counting" sparingly—the more GE courses a student takes, the greater the breadth and value of the overall educational experience.

## First Year Students

Although the time to complete GE requirements varies according to the major, all new students are expected to complete the First-Year Writing requirement and take at least one course towards completing the American Heritage requirement during their first year. Students are also expected to take one religion course each semester and complete their schedule by adding other general education and major-related courses.

In addition, students who need to fill the Quantitative Reasoning requirement (ACT math subscore below 22) should do so in their first year. It is also recommended that all new students begin work in the mathematics or foreign language options under Languages of Learning.

Civilization courses are designed as sophomore-level courses, although some programs include them during the freshman year. Visit college advisement centers or department offices for advice on when to complete the other GE requirements.

## The University Core and the Honors Program

The Honors Program, open to all interested students, offers an array of enriched courses that simultaneously satisfy University Core and University Honors graduation requirements. These courses, offered under the HONRS designation, are designed to model different disciplinary approaches to Great Questions, explore interdisciplinary approaches, and consider ways in which "unexpected connections" can be found between disciplines, leading to a deeper understanding of the questions we seek to answer. See the Honors Program section of this catalog for detailed descriptions. Additional information may be obtained from the Honors Advisement Center, 102 MSRB, (801) 422-5497, or honors.byu.edu.

# Ways to Complete GE Requirements Other Than by Course Work

In addition to completing approved courses, students may satisfy individual GE requirements within the university core by (1) transferring acceptable credit from other academic institutions, (2) receiving credit from selected Advanced Placement (AP) and International Baccalaureate (IB) examinations, or (3) passing exemption or challenge examinations offered for some classes at the university.

**1. Transfer Credit.** The application of transfer credit to GE requirements is handled by the Transfer Evaluation Office, B-150 ASB, (801) 422-8522. Transfer Guides have been arranged with several junior and community colleges to facilitate the transfer process for students, including those who have completed certain associate degrees. See Transfer Evaluation website for a list of Transfer Guides. The Transfer Evaluation Office (in the Registrar's Office) can be contacted for up-to-date information regarding the status of agreements with other institutions not listed on their website.

**2. Advanced Placement and International Baccalaureate Credit.** The results of some Advanced Placement (AP) and International Baccalaureate (IB) exams may be used to meet certain GE requirements and obtain general university credit. AP or IB credit posted to a transfer institution will be evaluated upon BYU's standards and not those of the transfer institution. See admissions.byu.edu/apib-classes for details regarding credit hours and exemption from GE requirements for both AP and IB exams.

**Note: College Level Examination Program (CLEP).** BYU discontinued awarding credit for general exams in 2000. At this time BYU does not give credit for subject exams either. CLEP credit posted to another institution's transcript is reevaluated based on BYU's standards.

**3. Exemption and Challenge Examinations.** Some requirements can be accomplished by successfully completing an examination. Two types of examinations are available: the exemption exam and the challenge exam. An exemption exam is used exclusively to fulfill a general education requirement; no academic credit or letter grade is posted to the transcript. A challenge exam, on the other hand, is not restricted to GE courses, and academic credit and a letter grade may be posted to the transcript if the student so chooses. A student may take an exemption or challenge exam for a single course only once during each semester or term. Students need not be enrolled in a course to take an exemption or challenge exam. However, some exams are given early enough each semester/term so students who are enrolled and pass the exam may withdraw from the course. Students not enrolled in a course have an opportunity to take the challenge or exemption exams offered at the Testing Center.

# How Do You Get Help with Specific Questions Concerning General Education?

College advisement centers, together with the University Advisement Center, 2500 WSC, provide assistance with registration, graduation requirements, policies and procedures, fields of study, changes of major, and many other aspects of academic life. Students can access a progress report through MyMAP. This report will generate a personalized list of GE requirements completed. (Log on to MyBYU; select "School" then "MyMAP"; under the "Tools" menu on the left side of the page, click on "My Progress Report." Students can also type "Plan" in the Quick URL box in the MyBYU home page which will take them to the MyMAP page.)

# The University Core

The current University Core details are found in the catalog, here.

# Fine Arts and Communications, College of Department

# Fine Arts and Communications

## College of Fine Arts and Communications

The College of Fine Arts and Communications houses the Departments of Art, Dance, Design, and Theatre and Media Arts, as well as the School of Communications and the School of Music. It also fosters lifelong learning and enriches the educational environment across campus through hundreds of performances and presentations by students and faculty each year as well as through the exhibits and collections of the Museum of Art. Beyond the borders of campus, our students undertake research projects, pursue internships, participate in experiential learning activities both domestically and internationally as well as study abroad programs across the globe, and our performing ensembles reach worldwide audiences through annual tours.

The curricula of the College of Fine Arts and Communications encourage students to aspire to the highest scholastic and artistic standards, following within their respective specialties the sacred injunction to seek, inquire, discern, and articulate knowledge. The college celebrates creative and scholarly work as an exploration of humanity and divinity.

Students in the college balance a strong liberal arts foundation with specialized, rigorous training in the methods, theories, histories, and practices of their chosen disciplines. Each of the programs within the college seeks to produce graduates whose creative and professional work contributes positively to society while benefiting the organizations for which they work and enriching the audiences they reach. By encouraging exceptional performance, presentation, and communication, graduates emerge as scholars and professionals within their disciplines and informed, creative voices within their communities.

## Administration

**Dean**: Edward Eugene Adams
**Associate Dean**: Amy Petersen Jensen
**Associate Dean**: Jeremy N Grimshaw
**Associate Dean**: Rory Rahn Scanlon
**Assistant Dean**: Bridget Benton
**Assistant Dean**: Don Powell
**Assistant Dean**: Melinda Semadeni
**Assistant Dean**: Thaylene Rogers

**Contact Information:**

A-501 HFAC

801-422-2819

cfac@byu.edu

WEBSITE

**Advisement Center:**

1190 WCCB

801-422-3777

cfacadvise@byu.edu

WEBSITE

## Departments

- Art
- Communications
- Dance
- Design
- Music
- Theatre and Media Arts

# College Advisement Center

The College of Fine Arts and Communications Advisement Center recognizes the opportunity and responsibility to be actively involved in our students' educational journey. The advisement center is committed to not only establish an important, service-oriented connection with each student in a caring, friendly environment, but to also provide accurate and timely information to better prepare them for greater academic success.

Professional academic advisors are available to provide information regarding university policies and procedures, dates and deadlines, registration, faculty advisor referrals, major/minor application preparation, major/minor planning and progression, graduation qualification, as well as many other academic concerns. For more information and resources, visit cfacadvise.byu.edu.

# Interdisciplinary Degrees

Animation is an interdisciplinary degree offered by the Department of Design through the cooperative involvement of the Department of Theatre and Media Arts, the Department of Design, and the Department of Computer Science.

Music Dance Theatre is an interdisciplinary degree offered by the Department of Theatre and Media Arts through the cooperative involvement of the School of Music, the Department of Theatre and Media Arts, and the Department of Dance.

# Enrollment in a Major Program

Enrollment in most degree programs in the College of Fine Arts and Communications is limited by the availability of resources such as facilities, equipment, and faculty; the number of students interested in pursuing those degrees exceeds the number that can be admitted. Students are asked to carefully study the requirements of the major program they desire to enter to determine if the program really fits his or her personal goals and educational objectives. Students should consult departmental websites for details about audition dates, portfolio submissions, or other requirements to be considered for admission into competitive programs. Make special note of audition dates, submission deadlines, etc.

The application process for each major has been structured to be as fair and impartial as possible. Enrollment limitations require those evaluating applications to make difficult decisions. Those who are not admitted into his or her desired program are encouraged to move quickly and decisively toward an alternative major program.

Applications for degree programs in the college are available online through each department's website. Prior to applying, students must complete all of the prerequisite courses and/or specific requirements stipulated in the application process. For further information, please contact the appropriate department or school directly. For contact information go to http://cfac.byu.edu.

## Scholarships and Awards

Performance awards are offered by each of the academic units within the college. Applications and information about auditions for performance awards can be obtained by contacting the appropriate department or school.

Applications for general academic scholarships can be obtained online here or at the Scholarship Office. For information about graduate scholarships, fellowships, and grants-in-aid, see the Graduate Studies website.

## Accountancy, School of Department

## Accountancy

School of Accountancy

### Administration

**Chair**: Douglas Frank Prawitt

**Department Information:**

540 TNRB

801-422-4195

soa@byu.edu

WEBSITE

**Advisement Center:**

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

The degree programs in the school carry special enrollment limitations. Please see the BYU Marriott School of Business Undergraduate Advisement Center for specific details.

# The Discipline

Accounting has been called the language of business—accountants control, analyze, and report the financial resources of an enterprise. A good understanding of accounting principles and practices can serve as the basis for a career in any business field.

# Career Opportunities

Accountants provide critical input and guidance in profit-seeking organizations, service and charitable organizations, educational institutions, government, public accounting firms—indeed, any organization that exists today.

# Undergraduate Application Information

The application and admission policies are available at https://marriottschool.byu.edu/apply/bsacc.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**322622 - Accounting (BS) ***

## Courses

**ACC 200 - Principles of Accounting**
**ACC 201 - Principles of Financial Accounting**
**ACC 202 - Principles of Managerial Accounting**
**ACC 241 - Business Law in the Environment**
**ACC 300 - Introduction to Accounting 2**
**ACC 310 - Principles of Accounting 2**
**ACC 401 - Business and Accounting Information Systems**
**ACC 402 - Cost and Managerial Accounting**
**ACC 403 - Intermediate Financial Accounting 1**
**ACC 404 - Financial Accounting 2**
**ACC 405 - Fundamentals of Taxation.**
**ACC 406 - Financial Statement Auditing**
**ACC 407 - Data Analytics in Accounting**
**ACC 408 - Critical Thinking in Accounting**
**ACC 409 - Integrated Topics in Accounting**
**ACC 440 - Corporate Financial Reporting**
**ACC 453 - Money, the Financial System, and the Economy**
**ACC 503 - Advanced Financial Accounting**

ACC 515 - Accounting Research Seminar
ACC 516 - Introduction to Academic Research
ACC 517 - Academic Archival Research Design
ACC 518 - Academic Experimental Research Design
ACC 522 - Advanced Taxation
ACC 523 - Tax Research Methodology
ACC 525 - Advanced Accounting Analytics
ACC 530 - Advanced Financial Statement Auditing
ACC 531 - Advanced Management Accounting
ACC 540 - Advanced Professional Financial Accounting
ACC 541 - Financial Statement Analysis
ACC 542 - Measurement in Accounting
ACC 545 - International Accounting and Multinational Enterprises
ACC 550 - Forensic Accounting and Fraud Examination
ACC 555 - Applied Accounting Analytics
ACC 556 - Database Analysis and Design
ACC 557 - Management Consulting and Projects
ACC 560 - Special Problems in Federal Taxation
ACC 561 - Corporate Taxation 1
ACC 562 - Corporate Taxation 2
ACC 563 - Taxation of Partnerships
ACC 564 - Taxation of Estates, Gifts, and Fiduciaries
ACC 565R - Current Tax Policy
ACC 566 - Tax Accounting Methods and Accounting for Income Taxes
ACC 568 - Taxation of Foreign Income
ACC 580 - Advanced Individual Tax
ACC 588 - Healthcare Industry Dynamics
ACC 590 - State and Local Taxation
ACC 591R - Readings and Conference
ACC 599R - Academic Internship: Accounting
ACC077 - Haley Test w/ Action
ACC551 - Risk Assurance and Information Technology Audit
ACC552 - Introduction to Cyber Risk Assessment in Accounting

# Nutrition, Dietetics, and Food Science, Department of Department

# Nutrition, Dietetics, and Food Science

Department of Nutrition, Dietetics, and Food Science

## Administration

**Chair**: James LeCheminant

**Department Information:**

S-221 ESC

801-422-3912

ndfs_sec@byu.edu

WEBSITE

**Advisement Center:**

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

Some degree programs in the Department of Nutrition, Dietetics, and Food Science carry special enrollment limitations. Please see the department for specific details.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**284304 - Nutritional Science (Minor)**
**284325 - Nutritional Science (BS)**
**284320 - Food Science (BS)**
**284328 - Dietetics (BS) ***

## Courses

**NDFS 100 - Essentials of Human Nutrition**
**NDFS 150 - Foods: Choices, Issues, and Trends**
**NDFS 175 - Introduction to Food Science**
**NDFS 191 - Careers in Food Science**
**NDFS 194 - Nutrition Research Fundamentals**
**NDFS 200 - Nutrient Metabolism**
**NDFS 201 - Society, Nutrition, and Chronic Disease**
**NDFS 237 - Introduction to Culinary Arts**
**NDFS 250 - Essentials of Food Science**
**NDFS 251 - Essentials of Food Science Laboratory**
**NDFS 290 - Introduction to Dietetics**
**NDFS 292R - Fieldwork in Dietetics**
**NDFS 300 - Medical Nutrition Therapy 1**
**NDFS 305 - Nutritional Implications of Disease**
**NDFS 310 - Nutrition and Metabolism in Sports and Exercise**
**NDFS 333 - Nutrition and Genes**
**NDFS 350 - Food Analysis**
**NDFS 355 - Food Process Engineering**
**NDFS 356 - Medical Nutrition Therapy 2**
**NDFS 361 - Food Microbiology**
**NDFS 362 - Food Processing**
**NDFS 363 - Food Processing 2**
**NDFS 374 - Food Production Management**
**NDFS 375 - Food Production Management Laboratory**
**NDFS 380 - International Nutrition.**
**NDFS 390R - Special Topics in Nutrition, Dietetics, and Food Science**
**NDFS 399R - Academic Internship**
**NDFS 399R - Academic Internship in Food Science**
**NDFS 399R - Academic Internship in Dietetics**
**NDFS 399R - Academic Internship in Nutritional Science**
**NDFS 400 - Community Nutrition**
**NDFS 405 - Nutrition Assessment Lab**
**NDFS 410 - Human Obesity**
**NDFS 424 - Nutrition Through the Life Cycle**
**NDFS 434 - Nutritional Bio-organic Chemistry**
**NDFS 435 - Nutritional Biochemistry and Metabolism**
**NDFS 440 - Nutrition Education and Counseling**
**NDFS 445 - Foodservice Systems.**
**NDFS 450 - Food Chemistry**
**NDFS 455 - Financial Management in Dietetics**
**NDFS 458 - Management in Dietetics**
**NDFS 462 - Food Regulations and Quality Assurance**
**NDFS 464 - Food Sensory Evaluation**
**NDFS 465 - Food Product Development**
**NDFS 466 - Advanced Dietetics Practice**
**NDFS 475 - Research Methods in Dietetics**
**NDFS 490 - Professionalism in Nutrition and Dietetics**
**NDFS 491 - Internship Preparation**
**NDFS 494R - Undergraduate Research in Nutrition, Dietetics, or Food Science.**
**NDFS 544 - Food Fermentations**
**NDFS 546 - Essentials of Food Packaging**
**NDFS 558 - Nutritional and Food Toxicology**
**NDFS 601 - Advanced Human Nutrition 1**
**NDFS 602 - Advanced Human Nutrition 2**

# Microbiology and Molecular Biology, Department of Department

# Microbiology and Molecular Biology

Department of Microbiology and Molecular Biology

## Administration

**Chair**: Scott Weber

**Department Information:**

4007 LSB

801-422-2889

mmbiodept@byu.edu

WEBSITE

**Advisement Center:**

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

All degree programs in the Department of Microbiology and Molecular Biology are open enrollment, except Medical Laboratory Science which requires an application. For questions about these programs contact the MMBIO Academic Advisor, 4010 LSB, 801-422-4293.

# The Discipline

The Microbiology and Molecular Biology Department offers degrees in microbiology, molecular biology, and medical laboratory science. A wide range of courses may be incorporated into a program of study, including ecology, genetics, immunology, microbial physiology, molecular biology, molecular evolution, parasitology, and pathogenesis.

# Career Opportunities

Graduates are employed in a wide variety of positions in industry, hospitals, government agencies, and universities. Majors from this department are an excellent preprofessional course of study for those interested in medicine, dentistry, law, or business.

The following courses are recommended for those students interested in graduate and professional programs:

Chem 351, 352, 353, 481.
Math 112 and 113.
Phscs 105, 106, 107, 108.
Stat 121.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**285102 - Microbiology (Minor)**
**285120 - Microbiology (BS)**
**285220 - Medical Laboratory Science (BS) ***
**285103 - Molecular Biology (Minor)**
**285125 - Molecular Biology (BS)**

## Courses

**MMBIO 102 - Introduction to Clinical Laboratory Techniques**
**MMBIO 110R - Extremophiles: Life in Extreme Environments**
**MMBIO 121 - General Biology: Health and Disease**
**MMBIO 122 - General Biology: Health and Disease Laboratory**
**MMBIO 151 - Microbiology for Majors**
**MMBIO 162R - Careers in Biomedical Sciences**
**MMBIO 194 - Phage Hunters: Discovery**
**MMBIO 195 - Phage Hunters: Comparative Genomics**
**MMBIO 221 - General Microbiology**
**MMBIO 222 - General Microbiology Laboratory**
**MMBIO 240 - Molecular Biology**
**MMBIO 241 - Molecular and Cellular Biology Laboratory**
**MMBIO 261 - Infection and Immunity**
**MMBIO 294R - Mentored Research**
**MMBIO 350 - Genetic Counseling**
**MMBIO 360 - Bacterial Genetics**
**MMBIO 363 - Microbial Ecology**
**MMBIO 364 - Bacterial Pathogenesis.**
**MMBIO 365 - Bacterial Pathogenesis Laboratory**
**MMBIO 366 - Microbial Ecology Laboratory**
**MMBIO 368 - (MMBio-Bio-PWS) Genomics**
**MMBIO 385 - Phage Genetics**
**MMBIO 390R - Readings in Molecular Biology**
**MMBIO 399R - Academic Internship**
**MMBIO 405 - Basic Laboratory Operations in Medical Laboratory Science**
**MMBIO 406 - Clinical Chemistry**
**MMBIO 407 - Clinical Microbiology**
**MMBIO 409 - Hematology**
**MMBIO 410 - Hematology Laboratory**
**MMBIO 411 - Molecular Diagnostics**
**MMBIO 412 - Immunohematology**
**MMBIO 418 - Medical Parasitology**
**MMBIO 419 - Clinical Parasitology Laboratory**
**MMBIO 441 - Advanced Molecular Biology**
**MMBIO 442 - Advanced Molecular Biology Laboratory**
**MMBIO 461 - Advanced Bacterial Physiology**
**MMBIO 463 - Immunology**
**MMBIO 465 - Virology**
**MMBIO 466 - Virology Laboratory**
**MMBIO 467 - Immunology Lab**
**MMBIO 471 - Applied and Industrial Microbiology**
**MMBIO 490R - Molecular Biology Seminar**
**MMBIO 491 - Concept Applications in Laboratory Medicine**
**MMBIO 493R - Curriculum and Instruction Practicum**
**MMBIO 494R - Advanced Mentored Research**
**MMBIO 496R - Clinical Experience**
**MMBIO 498 - Reflections on Learning**
**MMBIO 510 - History and Philosophy of Microbiology and Molecular Biology**
**MMBIO 518 - Select Pathogens**
**MMBIO 522 - Flow Cytometry**
**MMBIO 528R - Scientific Literacy**
**MMBIO 551R - Current Topics in Microbiology and Molecular Biology**

# Neuroscience Center Department

# Neuroscience

Neuroscience Center

## Administration

**Director**: Jeff Glen Edwards

**Department Information:**

S192 ESC

801-422-1218

neuroscience@byu.edu

WEBSITE

**Advisement Center:**

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

The neuroscience undergraduate program is an interdisciplinary program that allows students to seek advisement at Liberal Arts Advisement and Careers or the College of Life Sciences Student Services Office.

# Admission to Degree Program

The degree program in the Neuroscience Center is an open enrollment program.

# The Discipline

Neuroscience is the field of study that encompasses the development, structure, and function of the central nervous system and its connection to influencing/regulating behavior. The study of neuroscience examines topics such as neuroanatomy, physiology of nervous system, cells and circuits, molecular neuroscience, biochemistry, genetics, neuropharmacology, neuroimaging, systems and behavioral neuroscience, developmental neuroscience, social neuroscience, cognition, bioengineering, computational neuroscience, and neural dysfunction and disease. The interdisciplinary nature of neuroscience requires the tools provided by experience and training in biology, genetics, physiology, molecular biology, chemistry (general, organic, and biochemistry), physics, engineering, psychology (behavior, memory, cognition, sensation, and perception), statistics, calculus, and research design and analysis.

# Career Opportunities

A major in neuroscience prepares students to pursue advanced degrees in neuroscience or biological and non-biological fields related to

neuroscience or to enter into the pharmaceutical and biotechnology workforce. Neuroscience provides outstanding preparation for students seeking admittance into graduate school or professional programs in medicine, dentistry, optometry, podiatry, chiropractic, or pharmacy or preprofessional field of study for those interested in health professions, law, or business. Graduates of the program also have the academic skills for careers in business, consulting, global health, government and policy, non-profit programs, research and writing and publishing.

## Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

## Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

### Programs

**285620 - Neuroscience (BS)**

### Courses

**NEURO 205 - Neurobiology**
**NEURO 316 - Neuroscience Advanced Writing**
**NEURO 349R - Neuroscience Teaching Experience**
**NEURO 360 - Neuroanatomy**
**NEURO 390R - Special Topics in Neuroscience**
**NEURO 399R - Neuroscience Academic Internship**
**NEURO 420R - Senior Practicum: Community Projects**
**NEURO 449R - Undergraduate Research Experience**
**NEURO 455R - Neuroscience Seminar**
**NEURO 460 - Behavioral Neuroscience**
**NEURO 480 - Cellular Neuroscience**
**NEURO 481 - Neuroscience Laboratory**

# Marketing and Global Supply Chain, Department of Department

# Marketing and Global Supply Chain

Department of Marketing and Global Supply Chain

### Administration

**Chair**: Ryan Elder

**Department Information:**

660 TNRB

801-422-4367

WEBSITE

**Advisement Center:**

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

# Marketing

## The Discipline

Marketing utilizes analytics, creativity, and strategic thinking to create value for a company's targeted customers. Students in the marketing major are trained to identify and understand customers' needs and wants and then to satisfy that market demand by designing and selling products and services. Students further learn how to build customer loyalty through strategic innovations, product experiences, promotion, pricing, and distribution. In short, marketing is the study of how companies do business.

## What are Marketers' Roles?

Marketers create value for a company's customers. They oversee the process of segmentation, targeting, and positioning while integrating decisions about product, promotion, pricing, and placement or distribution.

Marketers work in product/brand management, marketing analytics, social media and digital marketing, business-to-business marketing, retail marketing, and professional selling.

Marketers help people and companies make better decisions through data-driven insights. Marketers learn how to build models of consumer behavior, drive market research to impact sales and new product development, visually represent data, conduct and analyze experiments, and mine the web for insights.

Additionally, graduates can utilize their creative side in marketing, including learning how to create advertising strategy; understand consumer behavior; generate visual and multi-sensory appeals; present, sell, and communicate professionally; and brainstorm new opportunities for products and services.

# Global Supply Chain

## The Discipline

Supply chain professionals manage the process of getting products and services from where they are produced to where they are needed in the best, most efficient way possible. In today's global economy, companies compete with their supply chain. Supply chain professionals optimize the supply chain in order to keep costs low, maintain quality, and keep customers satisfied.

## What can Global Supply Chain Management graduates do?

Because of the strong reputation of the BYU Marriott GSCM program, national and international firms aggressively recruit supply chain students for internships and full-time positions. These positions include supply chain analytics, consulting, distribution operations, logistics operations, purchasing/procurement and manufacturing, inventory management and forecasting, sales, technology operations, and general supply chain management.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

## Programs

**326425 - Marketing (BS) ***

**326427 - Global Supply Chain Management (BS) ***

## Courses

**GSCM 201 - Introduction to Global Supply Chain Management**

**GSCM 211 - Introduction to Supply Chain Management in International Business**

**GSCM 301 - Global Supply Chain Management for Accountants**

**GSCM 311 - Supply Chain Management in International Business for Accountants**

**GSCM 326 - Career Development and Student Mentoring**

**GSCM 380 - Global Supply Chain Management Executive Lecture Series**

**GSCM 401 - Operations Management**

**GSCM 402 - Quality Management**

**GSCM 403 - Purchasing and Supply Management**

**GSCM 404 - Supply Chain Logistics**

**GSCM 410 - Artificial Intelligence in Business Operations**

**GSCM 411 - Global Business Negotiations**

**GSCM 412 - Operations Analytics**

**GSCM 414 - Introduction to Sustainable Business**

**GSCM 419 - Customer Relationship Management**

**GSCM 429 - Global Supply Chain Strategy**

**GSCM 431 - Global Supply Chain**

**GSCM 490R - Topics in Global Supply Chain Management**

**GSCM 530 - Operations Management**

**GSCM 585 - Scholarly Research in GSCM**

**MKTG 201 - Marketing Management**

**MKTG 326 - Career Development and Student Mentoring**

**MKTG 380 - Marketing Executive Lecture Series**

**MKTG 401 - Marketing Research**

**MKTG 402 - Consumer Behavior**

**MKTG 403 - Advertising and Promotion Management**

**MKTG 411 - Marketing Analytics**

**MKTG 412 - Professional Selling**

**MKTG 413 - Retailing Management**

**MKTG 414 - Entrepreneurial Marketing**

**MKTG 415 - Digital Marketing**

**MKTG 416 - International Marketing**

**MKTG 417 - Creativity and Design in Marketing**

**MKTG 418 - Pricing Strategies**

**MKTG 422 - Business to Business Selling**

**MKTG 425 - Advanced Digital Marketing**

**MKTG 429 - Marketing Strategy**

**MKTG 490R - Topics in Marketing**

**MKTG 585R - Pre-PhD Marketing Seminar-Research Topics and Methods**

# Public Service and Ethics, Romney Institute of Department

## Public Service and Ethics

Romney Institute of Public Service and Ethics

### Administration

**Director**: Rob Christensen

**Department Information:**

760 TNRB

801-422-4221

mpa@byu.edu

WEBSITE

**Advisement Center:**

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

## Graduate Programs Available

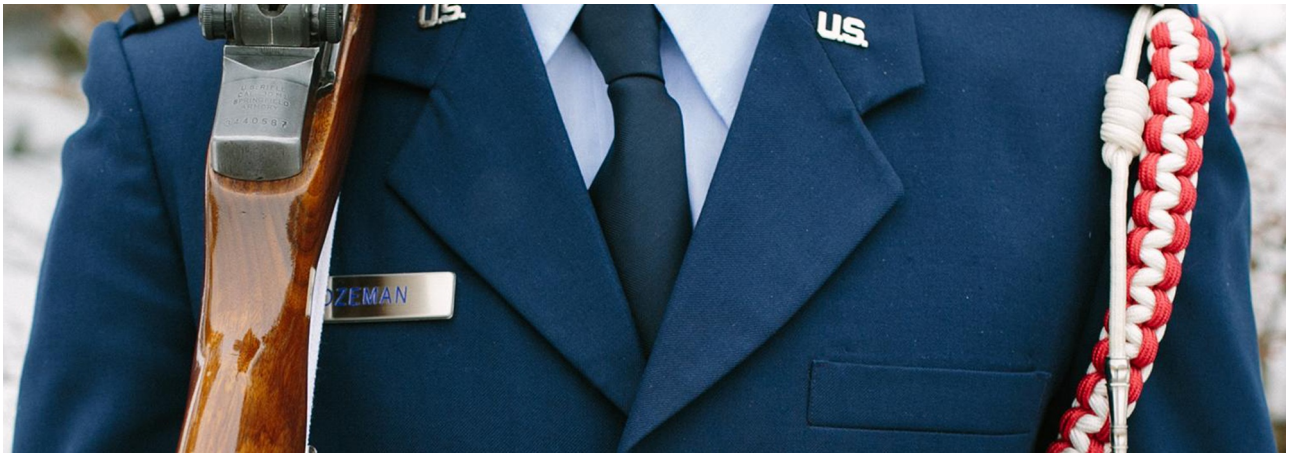
This department also offers graduate degree programs. For more information, see Graduate Studies.

### Courses

**M COM 420 - Marriott Student Review**

**MPA 588 - Healthcare Industry Dynamics**

# Aerospace Studies, Department of Department



# Aerospace Studies

Aerospace Studies (Air Force ROTC)

## Administration

**Chair**: Jonathan Creer

**Department Information:**

380 ROTC

801-422-2671

WEBSITE

**Advisement Center:**

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

# Admission to Degree Program

Students must be accepted by the Department of Aerospace Studies into the program  in order to claim the aerospace studies minor. Freshman and sophomore level classes are open to all students who are U.S. citizens.

# The Discipline

The Air Force Reserve Officer Training Corps (AFROTC) is an educational program designed to provide students the opportunity to become Air Force officers while completing requirements for an undergraduate or graduate degree. Four-year and three-year programs are available for both men and women.

# Career Opportunities

Officer in the United States Air Force.

# General Information

**Textbooks, Uniforms, and Allowance.** All textbooks, uniforms, and uniform accessories are furnished by the Air Force, in addition to the tax-free allowance of $300 to $500 per month.

**Air Force ROTC Scholarship Program.** All current scholarship information can be found at http://afrotc.com/scholarships/types/.

**Field Training.** All cadets must attend a field training camp in order to enter the Professional Office Corps (last two years). Cadets in the full four-year program will attend field training after the completion of their second (AS 200) year. Cadets who begin the program with less than four years remaining before graduation will attend field training after their first year in the program.

This training gives an increased understanding of the Air Force mission, and operations to include expeditionary (deployed) operations. Cadets receive practical experience in leadership and management while residing on an Air Force base. Additionally, cadets are provided hands-on training in combatives, weapons qualifications, and contingency operations. Medical care, housing, food, and uniforms, as well as transportation to and from the training base, are provided.

**Extracurricular Activities.** Each Air Force ROTC student will be able to participate in a variety of extracurricular activities, including the Arnold Air Society, the color guard, and the rifle drill team. Selected cadets may also participate in summer programs such as the career-field shadow program.

**LDS Missions.** Students who are accepted into the program and who desire to serve a Church mission must consult with department staff. Scholarship students may have their scholarship deferred while they fulfill a mission.

**Fifth-Year Cadets.** Four-year program students in Air Force ROTC who are in a five-year university program are allowed a year of completed status after their senior AFROTC courses. Out-of-phase students and those who will be student teaching should consult with the department chair.

**Discipline.** Training in the cadet corps is formulated and administered by the student officers with oversight from active duty officers. Air Force ROTC students are civilians and are not subject to military law.

**Veterans.** A veteran seeking a commission through Air Force ROTC may have part or all of the freshman and sophomore program waived. Allowances are paid in addition to G.I. Bill benefits.

# Program Requirements

## Four-Year Program

The more popular and preferred program is the traditional four-year program. Interested freshmen register for aerospace studies in the fall semester, enrolling in aerospace studies courses in the same manner as other college courses. There is *no military obligation* for the first two years of Air Force ROTC unless on an Air Force ROTC scholarship. During this time students learn more about the Air Force and the historical development of air power. After completing the first two years, known as the General Military Course (GMC), students may *compete* for entry into the last two years, the Professional Officer Course (POC). If accepted, students will attend a four-week summer field training encampment between their sophomore and junior years before entering the POC. Cadets in the POC study leadership, management, and national defense policy while receiving a nontaxable subsistence allowance for juniors and seniors each month.

## Three-Year Program

Students entering the program as sophomores can "dual enroll" in both the Aeros 100 and 200 academics simultaneously. If accepted, students will attend a four-week field training the next summer.

## Qualifications

1. Be a United States citizen.
2. Be a full-time student.
3. Be eighteen years of age, or seventeen years of age with parent's or legal guardian's consent.
4. Be physically qualified.
5. Be of good moral character.
6. Be in good academic standing.
7. Be interviewed and selected by a board of Air Force officers.
8. Complete all commissioning requirements as follows:
    - Pilot or navigator candidate: Complete before age twenty-nine so as to enter undergraduate pilot/navigator training before age thirty.
    - Scholarship recipient: Complete before age thirty-one in eligible year of commissioning.
    - Nonscholarship recipient: Complete before age thirty-five.
    - Successfully pass the Air Force Officer Qualifying Test.

BYU

## Required Courses

1. General Military Courses: complete the following:
    - Aeros 100, 101, 110, 111, 200, 201, 210, 211.
2. Professional Officer Courses: complete the following:
    - Aeros 300, 301, 310, 311, 400R, 401R, 410, 411.

## Programs

**892220 - Aerospace Studies (Minor)**

## Courses

**AEROS 100 - Leadership Laboratory--Freshmen.**
**AEROS 101 - Leadership Laboratory--Freshmen.**
**AEROS 110 - The Air Force Today**
**AEROS 111 - Aerospace Defense, General Purpose, and Support Forces**
**AEROS 143R - Physical Training - Air Force ROTC**
**AEROS 190R - Air Force ROTC Auxiliary**
**AEROS 200 - Leadership Laboratory--Sophomores.**
**AEROS 201 - Leadership Laboratory--Sophomores.**
**AEROS 210 - The Developmental Growth of Air Power**
**AEROS 211 - The Developmental Growth of Air Power**
**AEROS 300 - Leadership Laboratory--Juniors.**
**AEROS 301 - Leadership Laboratory--Juniors.**
**AEROS 310 - Management and Leadership**
**AEROS 311 - Management and Leadership**
**AEROS 399R - Academic Internship: Leadership Intern Program**
**AEROS 400R - Leadership Laboratory--Seniors.**
**AEROS 401R - Leadership Laboratory--Seniors.**
**AEROS 410 - National Security Affairs**
**AEROS 411 - National Security Affairs**

# Military Science, Department of Department

# Military Science

Department of Military Science (Army ROTC)

**Department Information:**

320 ROTC

801-422-3601

armyrotc@byu.edu

WEBSITE

**Advisement Center:**

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

## Admission to Degree Program

Students must be accepted by the Department of Military Science into the program in order to claim the military science minor. Freshman and sophomore level classes are open to all students who are U.S. citizens.

## The Discipline

The Army Reserve Officer Training Corps (ROTC) Leadership Excellence Program is designed to produce highly qualified commissioned officers in the U.S. Regular Army, the U.S. Army Reserve, or the U.S. Army National Guard. Students specialize in the major field of their choice and graduate with the ability to function as a junior executive.

## Career Opportunities

Officer in the U.S. Army in the career fields of:

Adjutant General's Corps (Human Resource Administration)
Air Defense Artillery
Armor
Aviation
Chemical Corps
Engineers
Field Artillery
Finance Corps
Infantry
Judge Advocate General's Corps (Legal)
Medical Corps (dentists, doctors, veterinarians)
Medical Service Corps (health care administrators)
Military Intelligence
Military Police (Law Enforcement)
Nurse Corps
Ordnance Corps (Logistics)
Quartermaster Corps (Logistics)
Signal Corps (Information Technology)
Transportation Corps (Logistics)

## General Information

**Textbooks, Uniforms, and Allowances.** All textbooks, uniforms, and training materials are furnished by the U.S. Army. Those in the advanced course receive a $450 to $500 monthly allowance and approximately $900 for participation in Cadet Summer Training for four weeks during the summer between the junior and senior year.

**Army ROTC Scholarship Program.** Scholarships are available on a competitive basis. High school seniors may qualify for a four-year scholarship. College students may also qualify for a four-, three-, or two-year scholarship. The scholarship provides for tuition and fees or room and board, a textbook allowance, and from $300 to $500 per month (up to ten months per year) for the period of the scholarship. Students who qualify must complete their degree program prior to their thirty-first birthday. Contact the Military Science Department for application procedures and specifics.

**SMP Program** (Simultaneous Membership Program). Students already members of the Army Reserve or National Guard may concurrently participate in ROTC and qualify for additional pay and benefits, including tuition assistance.

**Extracurricular Activities.** Army ROTC cadets extend academic and laboratory associations into a variety of extracurricular ROTC activities. Among these are the Ranger Challenge team, Army Color Guard, Cannon Crew, marksmanship team, annual Military Ball, and many school service projects performed by the corps of cadets.

**LDS Missions.** Students, including scholarship recipients, who wish to serve a two-year LDS mission can do so most conveniently right out of high school or after their freshman year. This allows students to be on campus during the spring of their sophomore year to facilitate their selection for the advanced course. Interruptions of the program at other times for a mission may be arranged by obtaining individual approval from the professor of military science.

**Leadership Laboratory.** Each course requires a corresponding leadership lab, which meets on Thursday afternoons for three hours. The labs require physical activity, including: land navigation, mountaineering, rope bridging, marksmanship, and tactical training. Students are also expected to attend physical fitness training three times a week and one field training exercise per semester.

**Program of Instruction.** The ROTC Leadership Excellence Program is designed to produce commissioned officers for the United States Army. It has been described as the best leadership program in the nation. Training is experiential and demands that students practice leadership skills while completing their baccalaureate degree in their chosen course of study. Ultimately, students become qualified to serve as commissioned officers in the Regular Army, National Guard, or Army Reserve. Upon graduation and follow-on training, these officers immediately become the leaders of soldiers deployed abroad or at home in defense of the United States and her values. After graduation, it is possible for Reserve or Guard officers to fulfill their military obligation and pursue a civilian career simultaneously. Following the completion of service, BYU ROTC graduates become effective leaders in their community, business, and church endeavors and are actively recruited for Fortune 500 companies.

# Program Requirements

Scholarship students and students wishing to participate in the advance course must pass the Army Physical Fitness Test with a score of 60 points in each event. See an Army ROTC faculty member for more information.

**Two-year program:** Qualified veterans or students who complete CIET may qualify to enter the advanced course. Applicants for this two-year program may be upper-division or graduate students, provided a minimum of four semesters remain at BYU at the time of entry into the program. Students must complete a physical examination and other associated requirements.

1. The traditional Army ROTC Leadership Excellence Program extends over a four-year period compatible with normal progression through four years of college. It consists of two phases: a two-year basic course during the freshman and sophomore years and an advanced course designed for completion during the junior and senior years. Also included is a five-week Leadership Development and Assessment Course normally attended in the summer before the senior year. Students may receive academic credit for the first two years of ROTC by attending the month-long Cadet Initial Entry Training, (CIET) during the summer before the start of the advanced course. Basic course students are required to complete eligibility paperwork during the first two weeks of class.
2. Non-scholarship freshman and sophomore students incur no military obligation. Upon entering the advanced course, students agree to serve in the U.S. Army, they then begin to receive the monthly $450 to $500 subsistence allowance.
3. Non-U.S. citizens may participate in the basic course provided they obtain approval from their consulate and the BYU international student division and their travel documents are in order. International students apply for enrollment on a case-by-case basis but cannot participate in the advanced course unless they are pending citizenship. They may not be commissioned as officers until they are U.S. citizens.
4. To receive a commission as a second lieutenant in the U.S. Army, students must earn a baccalaureate degree and complete the advanced course. Those who are in a five-year academic program, such as engineering, may complete their Army ROTC courses at any point before graduation.
5. Upon commissioning, the new second lieutenant incurs an obligation to the U.S. Army, which may be filled by serving on Active Duty, in the U.S. Army Reserve, National Guard, Individual Ready Reserve (IRR), or various combinations of the above.
6. The basic courses comprise the following:
   Mil S 120, 121, 220, 221.
7. The advanced courses comprise the following:
   Mil S 320, 321, 420, 421.
8. Professional Military Education (PME): Before being commissioned, each cadet must complete one of the following military history courses during their course of study at BYU:
   Hist 220, 221, 293, 371, 372, 373, 374, 376, 391.
9. All contracted cadets are required to enroll in STAC 143R section 1 each semester or Mil S 425R for the physical training requirement.

**Note:** Courses not specified above may satisfy the requirement but only if approved by the professor of military science prior to enrollment.

# Programs

**894420 - Military Science (Minor)**

# Courses

**MIL S 120 - Leadership and Personal Development**
**MIL S 121 - Introduction to Tactical Leadership**
**MIL S 143R - Physical Training - Army ROTC**
**MIL S 220 - Innovative Team Leadership**
**MIL S 221 - Foundations of Tactical Leadership**
**MIL S 320 - Adaptive Team Leadership**
**MIL S 321 - Leadership in Changing Environments**
**MIL S 325R - Staff Organization and Operations**
**MIL S 420 - Developing Adaptive Leaders**
**MIL S 421 - Leadership in a Complex World**

MIL S 425R - Tactical Leadership (Ranger Challenge)

# Counseling Psychology and Special Education, Department of Department

# Counseling Psychology and Special Education

Department of Counseling Psychology and Special Education

## Administration

**Chair**: Ellie L Young

**Department Information:**

340 MCKB

801-422-3857

cpsesec@byu.edu

WEBSITE

**Advisement Center:**

350 MCKB

801-422-3426

WEBSITE

FACULTY

# Admission to Degree Program

Students must apply to the Counseling Psychology and Special Education Department for admission to the Special Education undergraduate degree. Information can be found online at education.byu.edu/cpse/bs and applicants can apply online at educator.byu.edu. See additional information below.

# General Information

**Admission to BS Programs**

Among other factors, the application review process involves consideration of the following:

- Earn a minimum 3.0 total high school or college GPA (whichever is most recent)
- Complete and pass a BCA/FBI fingerprint background check (Contact Education Advisement Center for instructions)
- Complete the Technology Skills Assessment (TSA)
- Meet the Educator Preparation Program (EPP) requirements

- Complete the following prerequisites with a C grade or above:
  - Mild/Moderate Disabilities Emphasis:
    - CPSE 203, CPSE 410, CPSE 480, MthEd 305, MthEd 306
  - Severe Disabilities Emphasis:
    - CPSE 203, CPSE 410, CPSE 480, MthEd 305, MthEd 306
- Successfully pass one of the following basic skills tests (minimum scores listed):
  - ACT
    - 17 Reading
    - 17 Math
    - 5 Writing
  - SAT
    - 435 EBRW
    - 426 Math
    - 4 Essay
  - PRAXIS Core for Educators
    - 134 Reading (subtest #5713)
    - 130 Math (subtest #5733)
    - 132 Writing (subtest #5723)

## Additional Licensing Requirements

As well as state requirements, teacher candidates must complete the following before they can be recommended for graduation and Utah licensure:

- Pass the approved end of program Mild/Moderate or Severe Praxis test
- Forward test scores to BYU (Contact Education Advisement Center for instructions)
- Maintain fingerprint background clearance

To confirm their graduation status, teacher candidates should contact Education Advisement Center.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

354221 - Special Education: Mild/Moderate Disabilities (BS) *

354222 - Special Education: Severe Disabilities (BS) *

## Courses

CPSE 203 - Introduction to Special Education
CPSE 300 - Exceptional Students: Principles of Collaboration
CPSE 401R - Practicum in Educational Partnerships
CPSE 402 - Educating Students with Disabilities in Secondary Classrooms
CPSE 410 - Applied Behavior Analysis in Education
CPSE 420 - Assessment and Evaluation of Students with Exceptional Needs
CPSE 425 - Teaching Reading/Language Arts to Elementary Students with Disabilities
CPSE 430 - Teaching Reading/Language Arts to Secondary Students with Disabilities
CPSE 440 - Transition planning and services for secondary students with disabilities
CPSE 442 - Social and Behavioral Strategies for Students with Mild/Moderate Disabilities
CPSE 443 - Social and Behavioral Strategies for Students with Severe Disabilities.
CPSE 446 - Mentored Field Experience: Teaching Students with Mild/Moderate Disabilities - Secondary
CPSE 447 - Mentored Field Experience: Teaching Students with Severe Disabilities-Secondary
CPSE 452 - Effective Teaching Strategies for Students with Mild/Moderate Disabilities
CPSE 453 - Curriculum and Instruction: Severe Disabilities
CPSE 460 - Collaborating with School and Family
CPSE 462 - Teaching Math to Students with Disabilities
CPSE 463 - Assistive Technology for Students with Disabilities
CPSE 466 - Mentored Field Experience: Teaching Students with Mild/Moderate Disabilities - Elementary
CPSE 467 - Mentored Field Experience: Teaching Students with Severe Disabilities- Elementary
CPSE 470 - Legal Issues Influencing Collaboration in Special Education
CPSE 480 - Educational and Multicultural Issues in Special Education
CPSE 486R - Student Teaching: Students with Mild/Moderate Disabilities
CPSE 487R - Student Teaching: Students with Severe Disabilities
CPSE 490 - Capstone Seminar: Students With Disabilities
CPSE 493R - Readings
CPSE 496R - Academic Internship: Special Education
CPSE 580R - Directed Observation in the Schools
CPSE 589R - Gifted and Talented Practicum
CPSE 589R - Effective Teaching
CPSE 589R - Classroom Behavior Management.
CPSE 589R - Curriculum
CPSE 589R - Gifted and Talented: Creative Thinking Strategies
CPSE 589R - Assessing Learning and Behavior
CPSE 589R - Learning, Development & Individual Learning Differences in Gifted Education
CPSE 589R - Assessment in Gifted Education
CPSE 589R - Learning Environments for Gifted Students
CPSE 589R - Current Topics in Special Education
CPSE 589R - Evaluating Student Learning
CPSE 589R - Gifted and Talented: Social and Emotional Needs of the Gifted Student
CPSE 589R - Curriculum and Instructional Planning in Gifted Education

# Communication Disorders, Department of Department

# Communication Disorders

Department of Communication Disorders

## Administration

**Chair**: Christopher David Dromey

**Department Information:**

140 TLRB

801-422-4318

comdsec@byu.edu

WEBSITE

**Advisement Center:**

350 MCKB

801-422-3426

WEBSITE

FACULTY

# Admission to Degree Program

This is a limited-enrollment program requiring departmental approval for admission. Please see the information below regarding requirements for admission to this major. Additional information is available on the department's website: http://education.byu.edu/comd.

# The Discipline

The discipline of communication disorders contains two related fields, speech-language pathology and audiology. The field of speech-language pathology is focused on helping individuals develop their communication abilities or regain lost communication skills through rehabilitation services. The field serves persons with speech and language disorders such as stuttering, articulation problems, aphasia, voice disorders, language delay, and similar communication difficulties. Students develop a knowledge base about speech and language development, the anatomy and physiology of the speech mechanism, the neurology of perception and production of speech and language, the disorders that cause speech and language problems, and the intervention and remediation strategies for treating communication disorders. Professionals often work in public schools, hospitals, private or community clinics, or private practice.

Audiology is a profession that deals with the measurement of hearing and hearing impairment. Audiology includes the study of the nervous system and how we process auditory information, the testing and analysis of disorders of the auditory system, the use of hearing aids, cochlear implants, and other assistive listening devices to enhance hearing capabilities in individuals with hearing loss or other disorders of the auditory system. Professionals typically work with hearing aid manufacturers, in public schools, hospitals, private or community clinics, or in private practice.

# Career Opportunities

This is a preprofessional program leading to a graduate degree that is required for entrance into the professions. Students graduating with a bachelor's degree in communication disorders may be able to find opportunities to work as speech-language pathology assistants or audiology assistants.

# Program Acceptance Requirements

Students must be accepted into the Communication Disorders (ComD) major before they may take 300- or 400-level courses in the department. To apply, students must have completed the following four courses:

1. STAT 121
2. CELL 220
3. COMD 133
4. PHSCS 167

Acceptance to the program is based on the grade point average (GPA) from these three courses and short essay prompts. The minimum GPA required for admission to the program is determined by number of students admitted to the program (currently 100 per year), and the minimum GPA will thus vary from year to year. Both the number of students admitted and the minimum GPA required for admission are subject to change. GPA data on previous years are available on the department website.

A "pass" in an AP Stat course does not yield the letter grade which is required for evaluation of the application to the ComD major. A challenge examination from the Department of Statistics can provide the needed letter grade. The student should contact the Department of Statistics (2152 WVB) for specific information.

Only one repeat of each course is allowed for purposes of determining acceptance to the major. The application deadlines are April 15 and October 15. Application are now submitted online, found on the department's web site at http://education.byu.edu/comd/bs in the 'How to Apply' section.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

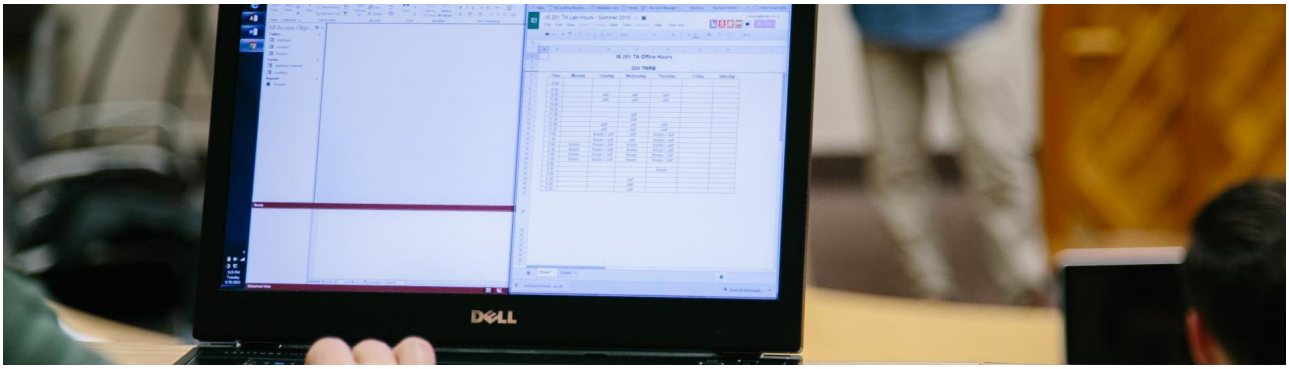
## Programs

**354320 - Communication Disorders (BS) ***

## Courses

**COMD 133 - Introduction to Speech-Language Pathology and Audiology**
**COMD 211 - Language Science**
**COMD 213 - Hearing Science and Acoustics**
**COMD 215 - Speech Anatomy & Physiology**
**COMD 321 - Language Development**
**COMD 323 - Hearing Tests and Measures**
**COMD 325 - Clinical Phonetics**
**COMD 335 - Introduction to Speech Sound Disorders**
**COMD 370 - Medical Speech Pathology**
**COMD 420 - Neurofoundations of Language, Speech, and Hearing**
**COMD 431 - Developmental Language Disorders**
**COMD 433 - Aural Rehabilitation**
**COMD 445 - Speech Science**
**COMD 450 - Professional Practices**
**COMD 460 - Capstone Clinical Methods and Observation**
**COMD 493R - Readings**
**COMD 494R - Undergraduate Research Experience**
**COMD 495R - Field Experience in Communication Disorders**

# Instructional Psychology and Technology, Department of Department




# Instructional Psychology and Technology

Department of Instructional Psychology and Technology

## Administration

**Chair**: Peter J Rich

**Department Information:**

150 MCKB

801-422-5097

ipt@byu.edu

WEBSITE

**Advisement Center:**

350 MCKB

801-422-3426

WEBSITE

FACULTY

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

355410 - Design Thinking (Minor)

## Courses

IP&T 286 - Instructional Technology in Teaching
IP&T 287 - Instructional Technology for Early Childhood Education
IP&T 334 - Integrating Technology in Early Childhood Education.
IP&T 370 - Technology Use in Early Childhood Classrooms
IP&T 371 - Integrating K-12 Educational Technology 1
IP&T 372 - Integrating K-12 Educational Technology 2
IP&T 373 - Teaching in K-12 Online and Blended Learning Contexts
IP&T 387 - Integrating Technology in Special Education 1
IP&T 420 - Design Psychology
IP&T 444 - Integrating Technology in Elementary Education
IP&T 461 - Design Evaluation
IP&T 464 - Instructional Design and eLearning for Business/Non-Profits
IP&T 470R - Undergraduate Research Training
IP&T 487 - Integrating Technology in Special Education 2
IP&T 498R - Interdisciplinary Product Design for Education
IP&T 510 - Scholarly Writing and Argumentation
IP&T 515R - Special Topics in Instructional Psychology and Technology
IP&T 520 - Foundations of Instructional Technology
IP&T 531 - Introduction to Open Education
IP&T 538 - Teaching in Online and Blended Learning Environments
IP&T 560 - Instructional Product Development
IP&T 564 - Instructional Design
IP&T 599R - Academic Internship

# Teacher Education, Department of Department

# Teacher Education

Department of Teacher Education

## Administration

**Chair**: **Ryan Nixon**

**Department Information:**

201 MCKB

801-422-4077

tedsec@byu.edu

WEBSITE

**Advisement Center:**

350 MCKB

801-422-3426

WEBSITE

FACULTY

# Admission to Degree Program

Admission to programs in the Teacher Education Department is by department approval. Please see Education Advisement Center, 350 MCKB, for specific details.

# Additional Educator License Endorsements

Additional endorsement may be acquired through completion of a teaching minor in addition to a teaching major.

See Education Advisement Center, 350 MCKB, for further information.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**350101 - TESOL K-12 (Minor)**
**356025 - Early Childhood Education (BS)**
**663433 - PE Teaching/Coaching (Minor)**
**356020 - Elementary Education (BS)**
**663423 - Physical Education Tchg/Coaching (K-12) (BS)**

## Courses

**ECE 200 - Foundations of Early Childhood Education**
**ECE 202 - Foundations of Child Development**
**ECE 299R - Prek-K Practicum**
**ECE 301 - Physical Education, Health, and Play**
**ECE 322 - Parenting and Child Guidance in Early Childhood**
**ECE 323 - Integrated Curriculum in Programs for Young Children**
**ECE 324 - Planning and Management**
**ECE 327 - Assessment and Action Research in Early Childhood Programs**
**ECE 330 - Social-Emotional Development and Child Guidance**
**ECE 331 - Early Childhood Education Developmentally Appropriate Practices Seminar**
**ECE 332 - Early Childhood Education Developmentally Appropriate Practices Practicum**
**ECE 333 - Literacy Development I: Teaching Literacy in Early Childhood Classrooms (prek-k)**
**ECE 334 - Introduction to Early Childhood Education**
**ECE 335 - Early Childhood Education Integration Methods**
**ECE 336 - Planning and Assessment in Early Childhood Education (Pre K-3)**
**ECE 337 - Family, School, and Community Partnerships in ECE**
**ECE 340 - Literature for Young Children**
**ECE 353 - Emergent Literacy**
**ECE 355 - Language Development**
**ECE 399R - Primary Grade Practicum**
**ECE 422 - Preschool or Kindergarten Student Teaching**
**ECE 425R - Grades K-3 Student Teaching**
**ECE 427 - El Ed/ECE Emphasis Capstone Seminar.**
**ECE 430 - Families, Schools, and Communities**
**ECE 433 - Teaching Literacy in Early Childhood Classrooms (Pre K-3)**
**ECE 441 - Early Childhood Education Primary Grade Seminar**
**ECE 442 - Primary Grade Practicum**
**ECE 444 - Teaching Social Studies in Early Childhood Classrooms (prek-3)**
**ECE 445 - Teaching Social Studies in Early Childhood Classrooms (Pre K-3)**
**ECE 446 - Teaching Science in Early Childhood Classrooms (Pre K-3)**
**ECE 447 - Teaching Mathematics in Early Childhood Classrooms (Pre K-3)**
**ECE 493R - Independent Readings or Project**
**ECE 496R - Academic Internship**
**EL ED 200 - Introduction to Education**
**EL ED 203 - Foundations of Multicultural Education**
**EL ED 213 - Instructional Design and Assessment for all Learners**
**EL ED 299R - Classroom Management and Practicum 1**
**EL ED 310 - Planning and Assessment 1**
**EL ED 323 - Foundations of Literacy Development**
**EL ED 324 - Foundations of Classroom Management**
**EL ED 330 - K-2 Practicum Seminar**
**EL ED 332 - Practicum in Grades K-2**
**EL ED 333 - Teaching Literacy in the Primary Grades (K-2)**
**EL ED 340 - Children's Literature**

EL ED 343 - Language Acquisition in Elementary Education
EL ED 344 - Content-Based Literacy
EL ED 345 - Family, School, and Community Partnership
EL ED 399R - Classroom Management and Practicum 2
EL ED 400R - Elementary Student Teaching
EL ED 410 - Planning and Assessment 2
EL ED 435 - Teaching Writing in the Elementary Grades (K-6)
EL ED 440 - Grades 3-6 Practicum Seminar
EL ED 442 - Practicum in the Elementary Education 3-6 Classroom
EL ED 443 - Teaching Literacy in the Intermediate Grades (3-6)
EL ED 445 - Teaching Social Studies in Grades K-6
EL ED 446 - Teaching Science in Grades K-6
EL ED 447 - Teaching Mathematics in Grades K-6
EL ED 493R - Independent Readings or Project
EL ED 496R - Academic Internship
EL ED 589R - K-6 Rational Number
EL ED 589R - Special Topics in Education
EL ED 589R - Literature for Young People
EL ED 589R - Analysis of Teaching and Learning
EL ED 589R - Content-Area Literacy
EL ED 589R - Techniques for Elementary Math
EL ED 589R - Literacy Specialist Practicum
EL ED 589R - Writing Instruction
EL ED 589R - Arts Education
EL ED 589R - Literacy Development and Instruction
EL ED 589R - Foundations of Literacy
EL ED 589R - Mathematics
EL ED 589R - Organization and Administration of Reading Programs
EL ED 589R - Literacy Assessment and Intervention
EL ED 589R - Children's Literature
EL ED 589R - Math Pedagogy for Elementary
EL ED 589R - Perspectives on Elementary Learner
EL ED 589R - Supervision of Literacy Programs
EL ED 589R - Technology Practicum
EL ED 589R - K-6 Algebra and Geometry
EL ED 589R - Comprehension Instruction
EL ED 589R - Effective Teaching
EL ED 589R - Classroom Management
EL ED 589R - Utah Math Core Curriculum
EL ED 589R - K-6 Math Topics (TBA)
PETE 169 - Elementary Skills and Activities
PETE 212 - Physical and Health Education for Elementary School Teachers
PETE 227 - Fitness for Life
PETE 228 - Team Sport Fundamentals and Fitness for Life
PETE 230 - K-12 Physical Activities Content and Skills 1
PETE 231 - K-12 Physical Activities Content and Skills 2
PETE 232 - Physical Education Pedagogy
PETE 274 - Fundamental Skills and Teaching Methods for Elementary Physical Education
PETE 276R - Exploration of Teaching
PETE 300 - Advocacy for Physical Education
PETE 301 - K-12 Healthy and Active Lifestyle Management
PETE 330R - Coaching Selected Sports
PETE 335 - Coaching Competitive Swimming
PETE 341 - Coaching Basketball
PETE 342 - Coaching Track and Field
PETE 344 - Coaching Football
PETE 345 - Coaching Volleyball
PETE 346 - Coaching Baseball and Softball
PETE 347 - Coaching Soccer
PETE 364 - Scientific Bases of Sport: Motor Learning.
PETE 366 - Exercise Physiology for Physical Educators
PETE 377 - Secondary Practicum
PETE 399R - Academic Internship: Coaching
PETE 430 - Principles of Coaching
PETE 450 - Psychology of Sport
PETE 461 - Adapted and Multicultural Physical Education for Teaching Majors
PETE 476R - Student Teaching - Physical Education
PETE 477R - Secondary Minor Student Teaching
PETE 496R - Academic Internship - Physical Education
SC ED 250 - Literacy and Learning for the Disciplines
SC ED 276R - Exploration of Teaching: Biological Sciences
SC ED 276R - Exploration of Teaching: Physical Science
SC ED 276R - Exploration of Teaching: Technology Teacher Education
SC ED 276R - Exploration of Teaching: Dance
SC ED 276R - Exploration of Teaching: Mathematics
SC ED 276R - Exploration of Teaching: Music
SC ED 276R - Exploration of Teaching: English
SC ED 276R - Exploration of Teaching: Health
SC ED 276R - Exploration of Teaching
SC ED 276R - Exploration of Teaching: Art
SC ED 276R - Exploration of Teaching: Theatre and Media Arts
SC ED 276R - Exploration of Teaching: Foreign Language
SC ED 276R - Exploration of Teaching: Exercise Sciences
SC ED 350 - Adolescent Development in an Education Context
SC ED 353 - Multicultural Education for Secondary Education
SC ED 375 - Adolescent Development and Classroom Management
SC ED 377R - Teaching Methods and Instruction
SC ED 379 - Classroom Management
SC ED 380 - Content-Area Literacy
SC ED 476R - Secondary Student Teaching - Foreign Language
SC ED 476R - Secondary Student-Teaching
SC ED 476R - Secondary Student Teaching - Physical Science
SC ED 476R - Secondary Student Teaching - Mathematics
SC ED 476R - Secondary Student Teaching - Spanish
SC ED 477R - Secondary Minor Student Teaching
SC ED 490R - Senior Seminar
SC ED 493R - Readings
SC ED 496R - Academic Internship: Mathematics
SC ED 496R - Academic Internship: Biological Sciences
SC ED 496R - Academic Internship: Secondary Education
SC ED 496R - Academic Internship: English
SC ED 496R - Academic Internship: Physical Sciences
SC ED 589R - Literacy Development and Instruction
SC ED 589R - Effective Teaching
SC ED 589R - Literacy Assessment and Intervention
SC ED 589R - Classroom Management
SC ED 589R - Comprehension Instruction
SC ED 589R - Sciences
SC ED 589R - Writing Instruction
SC ED 589R - Supervision of Literacy Programs
SC ED 589R - Organization and Administration of Reading Programs
SC ED 589R - Foundations of Literacy
SC ED 589R - Content-Area Literacy
SC ED 589R - Literature for Young People
SC ED 589R - Special Topics in Education
SC ED 589R - Literacy Specialist Practicum
T ED 589R - Mathematics for Teaching K-8: Numbers and Operations
T ED 589R - Mathematics for Teaching K-8: Assessment and Intervention
T ED 589R - Mathematics for Teaching K-8: Geometry and Measurement
T ED 589R - Special Topics in Education

T ED 589R - Mathematics for Teaching K-8: Algebra Reasoning

T ED 589R - Mathematics for Teaching K-8: Rational Numbers and Proportional Reasoning

T ED 589R - Mathematics for Teaching K-8: Data Analysis and Problem Solving

TELL 400 - Foundations in Education for English Language Learners

TELL 410 - Second Language Learning and Teaching

TELL 420 - Assessing Linguistically Diverse Students

TELL 430 - Developing K-12 Literacy in a Second Language

TELL 435 - Language and Literacy Instruction in K-12 Dual Immersion Settings

TELL 440 - Content-Based Language Instruction

TELL 442R - TESOL K-12 Practicum

TELL 445 - Content-Based Language Instruction in K-12 Dual-Language Immersion Settings

TELL 450 - Family, School, and Community Partnerships

TELL 478R - Dual-Language Immersion K-12 Student Teaching

TELL 589R - Current Topics in English Language Learning

TELL 589R - Family, School, and Community Collaboration for English Language Learners

TELL 589R - Assessment of English Language Learners K-12

TELL 589R - Culture, Issues, and Policy for Educating English Language Learners

TELL 589R - Literacy Development for English Language Learners

TELL 589R - Understanding Second Language Acquisition for K-12 Schools

TELL 589R - Content-Based Instruction for English Language Learners

# Chemical Engineering, Department of Department

# Chemical Engineering

Department of Chemical Engineering

## Administration

**Chair**: Dean R. Wheeler

**Department Information:**

330 EB

801-422-2586

chemesec@byu.edu

WEBSITE

**Advisement Center:**

246 EB

801-422-4325

engineering_advisement@byu.edu

WEBSITE

FACULTY

# The Discipline

Chemical engineering is the application of chemistry, biology, physics, mathematics, computer skills, and economics to designing, developing, and implementing chemical processes that convert raw materials into more useful, valuable products. Engineering skills are required for design, testing, scale-up, operation, control, and optimization. Applications range in size from the molecular level to large chemical production facilities with objectives ranging from economic performance to protection of the environment and the safety of workers and consumers. Chemical engineers are engaged in developing and producing a diverse range of products from raw materials to commodity and specialty chemicals. These products include high-performance materials needed for aerospace, automotive, biomedical, electronic, environmental, and military applications. Chemical engineers work in a variety of industries, including chemical manufacturing, energy, biotechnology, electronics, food, clothing, paper, health care, and business services.

# Educational Objectives

The Chemical Engineering Department's **Program Educational Objectives** refer to what graduates are expected to attain within *a few years after* graduation. These graduates will:

1. Exhibit enduring faith in Jesus Christ and His teachings through meaningful service to family, church, and community
2. Have vision, high impact, and positive influence in their chosen profession and responsibilities
3. Be excellent leaders, colleagues, and learners who respect and appreciate others, their viewpoints, and their contributions
4. Apply critical thinking and scientific and engineering principles in innovative and safe ways to meet the difficult challenges of society

The achievement of these Program Educational Objectives is supported through attainment of the following **Student Outcomes** which are what students are expected to know and be able to do *by the time of* graduation.

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. An ability to communicate effectively with a range of audiences
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Chemical Engineering is accredited by the Engineering Accreditation Commission of ABET, http://abet.org.

# Career Opportunities

The combination of knowledge about process engineering, math, and chemistry obtained in the chemical engineering curriculum is a versatile preparation that opens a wide variety of opportunities to graduates. This versatility is one reason why chemical engineers have traditionally been among the highest paid professionals in the engineering and science disciplines.

Chemical engineers make a significant difference in the quality of life. Some develop clean, new energy sources to power society. Some develop and produce fertilizers and other agricultural chemicals to feed mankind. Virtually all pharmaceuticals are produced by chemical engineers to enhance the life of millions. Others study and produce biomedical devices and artificial organs. Still others are involved in development and production of new materials for use in new high-tech products.

Chemical engineers produce chemicals ranging in use from cleaning products to medicines and from man-made fibers for clothing and textiles to plastics for construction and consumer goods. Another large employer of chemical engineers is the semiconductor industry. In work that involves significant knowledge of chemistry and related processes, chemical engineers assist in the design and manufacture of semiconductor chips and circuit boards. The petroleum industry also employs chemical engineers, requiring their expertise for the discovery, production, and refining of petro-chemicals, including fuels, chemicals, and oils.

Many chemical engineers are employed in environmentally related positions, working on ways to improve air and water quality, to reduce acid rain and smog, and to recycle and reduce waste. Additionally, chemical engineers are employed by universities as teachers and researchers and by government agencies to provide answers for energy, environmental, and defense concerns. Chemical engineers also train to work in the medical, business, and legal professions.

Though chemical engineering career opportunities are diverse, job functions can be categorized more easily. Chemical engineers are usually involved in research, design, development, production, technical sales, or management.

In research, they develop new ideas, new products, and new ways to produce existing products more economically and with less environmental impact.

In design, they create the processes that convert raw materials into finished products with emphasis on efficiency, safety, consumer needs, and environmental protection.

The development engineer improves existing processes and technology to better meet changing needs.

Production engineering involves supervision, quality control, and testing of production processes and operations.

Management and technical sales involve decision making with regard to consumer needs and technical capabilities.

Chemical engineers are creative problem solvers. Their careers are rewarding not only from an intellectual and financial view, but also from a personal perspective. Affecting the lives of millions, their solutions provide a better lifestyle for mankind.

# General Information

The Chemical Engineering Department offers a professional program leading to the bachelor of science degree.

Any student who is admitted to the university may choose this program as a possible major. All students are urged to declare their intention to major in the department upon first entry to the university or as soon thereafter as possible by contacting the department advisor (330A) or by declaring online in MyMap. The Chemical Engineering Department requires the student to meet with their department advisor upon completion of Ch En 273 and Math 302 or equivalent.

**Transfer Students.** Provisions have been made so that a qualified student transferring from a junior college or from another university, college, or department, who has completed the equivalent of the first two years of the academic program, can complete the BS degree requirements in another two years. Contact the department at the earliest date possible so that any variations can be accommodated with minimum loss of time.

**Integrated Master's Program.** At the end of the sophomore year or during the junior year, qualified students desiring a master's degree in chemical engineering may elect to enter the integrated master's program. The purpose of this program is to afford greater flexibility in scheduling course work than is normally available through the traditional BS degree followed by MS degree program. In this program students may work toward both the bachelor's and master's degrees simultaneously, either receiving the BS degree before or at the same time as the MS degree. At the end of the sophomore year students must have a cumulative GPA of 3.5 or more. All credit to be counted toward the master's degree must carry a cumulative GPA of 3.0 or better.

Before completing the final 30 hours of undergraduate course work, students should submit a formal application for admission to the Office of Graduate Studies. Additional details may be obtained from the college advisement center.

**Professional Registration.** The Chemical Engineering Department encourages graduates to become registered professional engineers. General qualifications for becoming registered are explained in the Ira A. Fulton College of Engineering section of this catalog. Some states require this status for consulting and practice in the private sector. Successful completion of the basic chemical engineering program prepares graduates to pass the Fundamentals of Engineering (FE) examination. Students who wish to become registered as professional engineers are also advised to talk to their advisor about developing their own professional engineering option, which may include additional FE preparation courses.

**Professional Program Admission Policy.** Admission to the professional program is available to all students in good academic standing with the university who have (a) passed the prerequisite courses for the first-semester professional courses, namely Ch En 273 and Math 302, and (b) submitted to the department an Application for the Chemical Engineering Professional Program.

The Application for the Chemical Engineering Professional Program requires the student to meet with their department faculty advisor for direction and counseling with regard to performance in the preprofessional program courses and successful completion of the professional program.

**Academic Standards Policy.** To help students 1) identify if chemical engineering is a good academic fit, 2) successfully complete the chemical engineering program, and 3) become technically competent engineers capable of performing professional duties in the field, the department has set the **academic standards** enumerated below. For this policy, *major courses* are defined as those used to fulfill the Program Requirements listed for a BS in Chemical Engineering in the Undergraduate Catalog and are found under subheadings *preprofessional*, *professional*, *supporting*, and *technical electives*. Since all grades earned for a course (original and retakes) are retained in university records and GPA calculations, only the most recent grades for retaken courses are considered for purposes of this policy. Also, this policy only applies to those courses used to fulfill graduation requirements.

1. To ensure proper preparation for and successful completion of the chemical engineering program, students must meet the following criteria to register for any upper-division professional courses (i.e. Ch En courses 300 level and above),
    - Have no more than 4 total hours of less than C- credit in any *preprofessional* or *supporting* course(s) satisfying program requirements, only 3 of which can be from chemical engineering courses.
    - Pass Ch En 273 with a C- or above.

2. To help correct technical weaknesses as soon as they are identified, a student who accumulates grades below C- in excess of 6 hours in any course(s) satisfying major requirements (*preprofessional*, *professional*, *supporting*, and *technical electives*) may not take further chemical engineering courses until the unacceptable credits have been reduced to 6 hours or less.
3. To demonstrate that graduates from the chemical engineering department are technically competent to perform professional duties in the field, a student may not graduate with more than 4 total hours below C- in any course(s) satisfying major requirements (*preprofessional*, *professional*, *supporting*, and *technical electives*), only 3 of which can be from chemical engineering.
4. A professional program course may not be retaken more than once.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**392150 - Chemical Engineering (BS)**

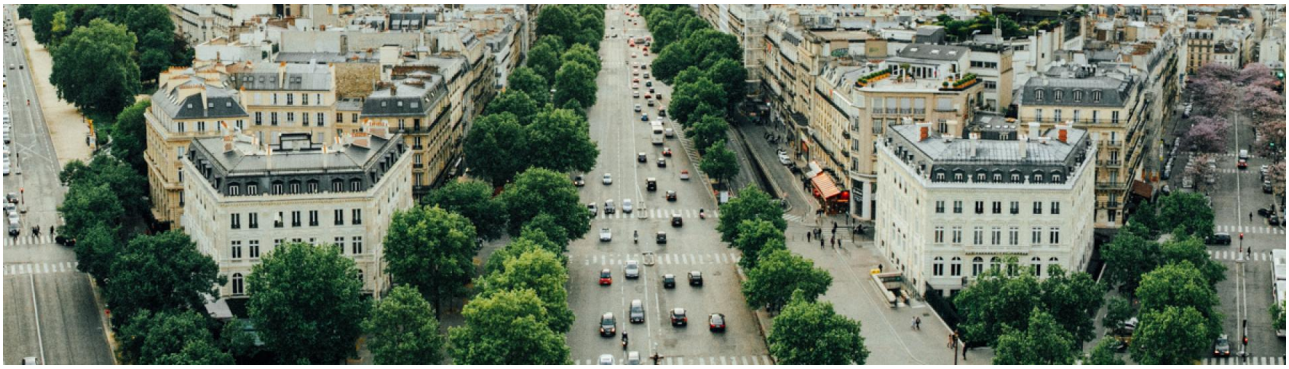
## Courses

**378 - Science of Engineering Materials**
**CH EN 191 - Global Impact of Chemical Engineers**
**CH EN 263 - Computational Tools for Chemical Engineers**
**CH EN 285 - Chemical Process and Fluids Lab**
**CH EN 311 - Chemical Engineering and Society-Health, Safety, and the Environment**
**CH EN 351 - Fundamentals of Biomedical Engineering**
**CH EN 374 - Fluid Mechanics**
**CH EN 385 - Thermodynamics and Transport Lab**
**CH EN 391 - Career Skills 2**
**CH EN 410 - Principles of Petroleum Engineering**
**CH EN 426 - Machine Learning for Engineers**
**CH EN 436 - Process Control and Dynamics**
**CH EN 451 - Chemical Engineering Plant Design and Process Synthesis**
**CH EN 475 - Unit Operations Laboratory 1**
**CH EN 477 - Unit Operations Laboratory 2**
**CH EN 481 - Introduction to Semiconductor Processing**
**CH EN 493R - Special Topics--Undergraduate**
**CH EN 496 - Academic Internship Thesis**
**CH EN 499 - Mentored Research and Thesis**
**CH EN 513 - Molecular Modeling**
**CH EN 519 - Biochemical Engineering**
**CH EN 528 - Industrial Catalytic Processes**
**CH EN 533 - Transport Phenomena**
**CH EN 536 - Machine Learning and Dynamic Optimization**
**CH EN 170 - Introduction to Chemical Engineering**
**CH EN 199R - Academic Internship**
**CH EN 273 - Chemical Process Principles**
**CH EN 291 - Career Skills 1**
**CH EN 345 - Materials and Reactions Lab**
**CH EN 373 - Chemical Engineering Thermodynamics.**
**CH EN 376 - Heat and Mass Transfer**
**CH EN 386 - Chemical Reaction Engineering**
**CH EN 400 - Creative Skills in Chemical Engineering**
**CH EN 412 - Introductory Nuclear Engineering**
**CH EN 433 - Energy Engineering**
**CH EN 445 - Separations and Process Control Lab**
**CH EN 461 - Chemical Engineering Problem Solving through Experiential Learning**
**CH EN 476 - Separations**
**CH EN 479 - Unit Operations Laboratory**
**CH EN 491 - Networking for Career Advancement**
**CH EN 495R - Global Engineering Outreach Projects**
**CH EN 498R - Undergraduate Research**
**CH EN 512 - Nuclear Reactor Transient Modeling**
**CH EN 518 - Biomedical Engineering Principles**
**CH EN 522 - Combustion Processes**
**CH EN 531 - Thermodynamics of Multicomponent Systems**
**CH EN 535 - Kinetics and Catalysis**
**CH EN 541 - Numerical Methods for Engineers**

CH EN 578 - Polymer Science and Engineering

CH EN 593R - Special Topics - Intermediate

# Civil and Construction Engineering, Department of Department



# Civil and Construction Engineering

Department of Civil and Construction Engineering

## Administration

**Chair**: Norman L Jones

**Department Information:**

430 EB

801-422-2811

cce@byu.edu

WEBSITE

**Advisement Center:**

246 EB

801-422-4325

engineering_advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

The degree programs in the Department of Civil and Construction Engineering are open enrollment.

# The Discipline

The BYU Department of Civil and Construction Engineering prepares students for highly rewarding careers in the fields of engineering and management within the built environment. Students are prepared to make an impact through professional involvement in a chosen emphasis of civil engineering or focus on management through the construction or facilities and property management programs.

Students preparing for involvement in a civil engineering discipline prepare to sit for the Fundamentals of Engineering exam upon graduation and begin their work to become a Professional Engineer in one of the follow disciplines:

**Structural engineers** analyze and design buildings, bridges, and other structures. The engineer applies principles of physics, mathematics, and engineering to develop efficient yet safe designs. Sophisticated computer models are used in these analyses. Materials used by structural engineers include steel, aluminum, concrete, masonry, wood, and composites.

**Water resource and environmental engineers** design pipeline systems, water treatment plants, dams, flood control structures, waste disposal sites, and environmental restoration projects. Computer modeling and analyses are used in design and to forecast storm runoff, flooding, and movement of contaminants in surface and subsurface waters. Environmental engineers evaluate and reduce pollutants from natural, human, agricultural, and industrial sources to preserve the beauty and quality of air, land, and water.

**Geotechnical engineers** design structures composed of or located within earth materials, including foundations for buildings and bridges, retaining walls, earth dams, highway embankments, tunnels, and liners for landfills. Field and laboratory tests on soil and rock, along with empirical and computer models, are used to assure safety and economy in design.

**Traffic and transportation engineers** apply scientific principles to the planning, design, construction, operation, and management of transportation systems, including highways, airports, and mass transit facilities. Transportation engineers are responsible for the safe, rapid, comfortable, convenient, economical, and environmentally compatible movement of people and goods. Computer models and simulations are frequently used by traffic engineers for geometric design and for planning, operating, and managing transportation networks, including intermodal systems.

The Construction Management and Facility and Property Management programs are non-engineering programs preparing students to take leadership and management roles.

**Construction managers** complete a program designed to give students training and experience in construction management by providing a broad background in construction technology, business, design, architecture, and engineering, with specific emphasis on management within the construction industry. Graduates fill middle-management positions such as superintendents, estimators, schedulers, field engineers, inspectors, general contractors, sales representatives, and construction insurance or bonding personnel. Many go on to graduate studies in architecture, law, or business administration.

**Facility and property managers** complete a program that is all about leadership. Students prepare to become qualified and competent facility managers that can work at senior levels to better manage the real estate portfolio and facilities that are a critical part of any business entity. The program will assist in the perfection, beautification, and operational knowledge of physical facilities in bringing forth Zion. The program works to be a world leader in facility management education, physical asset management, and facility research.

# Program Educational Objectives

The undergraduate programs in civil and construction engineering have the following educational objectives:

1. Develop innovative engineers and leaders who competently apply recognized technical methods to meet human needs for water, shelter, and transportation.
2. Develop leaders with global awareness who hold paramount the safety, health, and welfare of the public while sustaining and protecting the environment.
3. Develop citizens with moral character and commitment to the gospel of Jesus Christ who provide life-long service to the public, church, and professional community.
4. Develop life-long learners that contribute with immediate and real impact to the building of the Kingdom of God and the establishment of Zion throughout the world.

# Career Opportunities

Graduates from the Civil and Construction Engineering Programs are employed throughout the Architecture, Engineering, and Construction (AEC) industry. Many graduates enter private consulting practices, and many eventually establish their own firms. Graduates are also employed by national, state, and local governments. Departments of transportation, environmental protection agencies, the Army Corps of Engineers, The Bureau of Reclamation, and countless public and private organizations hire many students.

The programs offered through the Civil and Construction Engineering department may also be used as a preprofessional program for careers in architecture, law, and business.

# General Information

Students are strongly encouraged to consult with the department regarding their course scheduling. Prospective transfer students should contact the department as soon as possible so that any variations can be accommodated with a minimum loss of time.

No more than 9 credit hours of grades below C- in major courses may be applied toward graduation. A student who fails to pass a department course after three attempts (including E grades and W's) will be terminated from the program. A student with unique circumstances may seek an appeal of that decision to the undergraduate committee.

# Professional Engineer Registration

Because civil engineers design structures that affect public health and safety, licensure as a Professional Engineer is required for most positions in the industry. A necessary prerequisite for licensure is graduation from an accredited engineering program. The civil engineering program is fully accredited by the Accreditation Board for Engineering and Technology (ABET).

The Department of Civil and Construction Engineering encourages graduates to become registered Professional Engineers. This status is vital to engineering practice in the public sector and consulting work. The civil engineering program prepares graduates to successfully complete the Fundamentals of Engineering (FE) examination, an important step in becoming registered.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**392850 - Civil Engineering (BS)**

**396521 - Construction and Facilities Management: Construction Management (BS)**

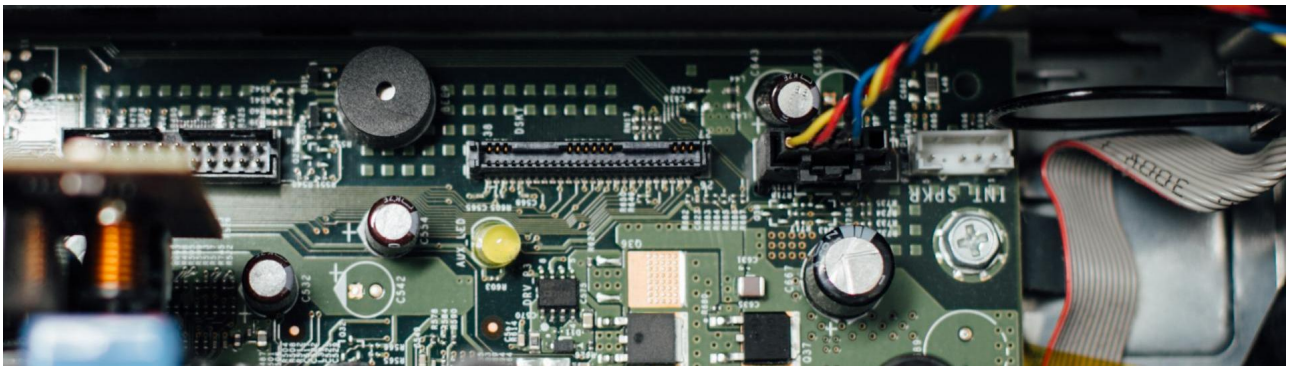
**396531 - Construction and Facilities Management: Facility and Property Management (BS)**

## Courses

**CCE 101 - Introduction to Civil and Construction Engineering**
**CCE 102 - Sustainable Infrastructure**
**CCE 103 - Engineering Mechanics--Statics.**
**CCE 112 - Engineering Drafting**
**CCE 113 - Construction Modeling**
**CCE 114 - Geomatics**
**CCE 120 - Surveying**
**CCE 203 - Engineering Mechanics--Mechanics of Materials**
**CCE 231 - Foundations of Global Leadership**
**CCE 270 - Computational Methods**
**CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites**
**CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt**
**CE 199R - Academic Internship**
**CE 200B - Civil Engineering Seminar**
**CE 204 - Engineering Mechanics--Dynamics**
**CE 232 - Fluid Mechanics**
**CE 291R - Civil Engineering Seminar**
**CE 300A - Civil Engineering Seminar**
**CE 300B - Civil Engineering Seminar**
**CE 321 - Structural Analysis**
**CE 331 - Hydrology**
**CE 341 - Elementary Soil Mechanics**
**CE 351 - Introduction to Environmental Engineering**
**CE 361 - Introduction to Transportation Engineering**
**CE 400A - Civil Engineering Seminar**
**CE 400B - Civil Engineering Seminar**
**CE 414 - Engineering Applications of GIS**
**CE 421 - Structural Steel Design**
**CE 424 - Reinforced Concrete Design**
**CE 427 - International Megastructures**
**CE 433 - Hydraulic Engineering**
**CE 439 - Water Resources Study Abroad**
**CE 442 - Foundation Engineering**
**CE 451 - Environmental Engineering Processes**
**CE 461 - Geometric Design of Highways**
**CE 467 - International Megacities**
**CE 471 - Civil Engineering Writing**
**CE 472 - Civil Engineering Design**
**CE 495R - Global Engineering Outreach Projects**
**CE 498R - Directed Studies in Civil Engineering**
**CE 499R - Senior Project**
**CE 500 - (CE - Me En) Design and Materials Applications**
**CE 501 - (CE - MeEn) Stress Analysis and Design of Mechanical Structures**
**CE 504 - (CE - Me En) Computer Structural Analysis and Optimization**
**CE 505 - Portland Cement Concrete Mixture Design and Analysis**
**CE 507 - (CE - Me En) Linear Finite Element Methods**
**CE 508 - (CE - Me En) Structural Vibrations**
**CE 514 - Geospatial Environmental Engineering**

CE 521 - Advanced Structural Steel Design
CE 523 - (CE - Me En) Aircraft Structures
CE 525 - Bridge Structures
CE 526 - Bridge Preservation
CE 528 - Masonry Design
CE 529 - Structural Wood Design
CE 531 - Principles of Hydrologic Modeling
CE 533 - Advanced Hydraulic Routing
CE 534 - Hydroinformatics
CE 535 - Hydraulic Design of Channels and Control Structures
CE 540 - Geo-Environmental Engineering
CE 542 - Deep Foundations and Retaining Systems
CE 543 - Chemical Stabilization of Soils
CE 544 - Seepage and Slope Stability Analysis
CE 545 - Geotechnical Analysis of Earthquake Phenomena
CE 547 - Groundwater Modeling
CE 551 - Water Treatment Facilities Design
CE 553 - Mechanical Behavior of Materials
CE 555 - Environmental Chemistry
CE 562 - Traffic Engineering: Characteristics and Operations
CE 563 - Pavement Design
CE 565 - Urban Transportation Planning
CE 566 - Pavement Management
CE 568 - Asphalt Mixture Design and Analysis
CE 570 - (CE - Me En) Computer-Aided Engineering Software Development
CE 575 - (CE - Me En) Optimization Techniques in Engineering
CE 580 - Technical Writing for Publication
CE 594R - Selected Problems in Civil Engineering
CFM 105 - Fundamentals of Construction and Facilities Management
CFM 110 - Fundamentals of Facility and Property Management
CFM 120 - Methods 1 - Structural Systems
CFM 199R - Technical Internship
CFM 213 - Construction Surveying and Layout
CFM 220 - Methods 2 - Building Systems
CFM 241 - Electrical Systems in Construction
CFM 291R - Undergraduate Seminar
CFM 305 - Concrete, Masonry, and Asphalt Methods
CFM 311 - Estimating Processes
CFM 312 - Construction Scheduling and Cost Control
CFM 317R - ASC Competition
CFM 318R - NAHB Competition
CFM 320 - Advanced Building Systems
CFM 333 - Sustainable Design and Architecture
CFM 340 - Operations and Maintenance
CFM 342 - Earthwork and Construction Equipment
CFM 345 - Construction Safety Management
CFM 350 - International Construction Practices
CFM 385 - Construction Contracts and Law
CFM 399R - Capstone Internship
CFM 400 - Managing High Performance Buildings
CFM 411 - Pre-Construction Services
CFM 415 - Construction Project Management and Control
CFM 420 - Commercial Real Estate Management
CFM 425 - Construction Accounting
CFM 426 - Real Estate Development
CFM 433 - Design Studio
CFM 442 - Civil Infrastructure Construction
CFM 445 - Construction Company Operations and Management
CFM 450 - Virtual Design & Construction
CFM 491 - Senior Seminar
CFM 494R - Special Problems in Construction and Facilities Management
CFM 495R - Global Engineering Outreach Projects
CFM 500 - Construction Innovation and Technology
CFM 530 - Construction Company Operations and Human Resources Management
CFM 540 - Managing Risk in Construction
CFM 550 - Construction Company Development and Strategic Planning
CFM 555 - Construction Company Financial Management
CFM 594R - Special Topics in Construction Management

# Electrical and Computer Engineering, Department of Department



# Electrical and Computer Engineering

Department of Electrical and Computer Engineering

## Administration

**Chair**: Aaron R Hawkins

**Department Information:**

460/450 EB

801-422-4012

ecen_secretary@byu.edu

WEBSITE

**Advisement Center:**

246 EB

801-422-4325

engineering_advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

The degree programs in the Department of Electrical and Computer Engineering are open enrollment.

# The Discipline

Electrical and Computer Engineering is one of the most exciting, diverse, and forward-looking disciplines offered at the university. Contemporary society is in the midst of an information revolution, created in large part from the fruits of electrical and computer engineering. Electrical and computer engineers have been primary contributors to the astonishing developments in communication, computer, and network technology. They have designed devices and systems that have a significant impact on manufacturing, medicine, transportation, and environmental monitoring. Smart phones, tablets, digital cameras, high definition television, solar power, microprocessors, lasers, unmanned aerial vehicles, medical imaging systems, and autonomous robotic systems are all examples of devices and systems designed by electrical and computer engineers. Innovations that flow out of electrical and computer engineering sustain the national economy and improve the quality of life for people throughout the world. In the future, society will look to electrical and computer engineers to address grand challenges ranging from sustainable and efficient energy to health care technologies and global communications networks.

The Department of Electrical and Computer Engineering at Brigham Young University offers accredited degrees in Electrical Engineering and Computer Engineering. Electrical Engineering focuses on microelectronics, electromagnetics, electronic circuits, wireless communications, signal processing, biomedical applications, photonics, and controls. Computer Engineering focuses on the design of digital computing devices and systems and involves hardware and software, operating systems, digital logic, real-time systems, and computer vision. Both programs combine fundamental principles with hands-on learning, including an innovative Junior Core experience that integrates classroom knowledge with project-based learning.

# Career Opportunities

Electrical and computer engineers are among the most actively recruited students graduating from a four-year program. Baccalaureate engineers typically start their careers as members of project teams with one or more of the following responsibilities: designing digital, analog, or opto-electronic circuits; creating or testing software; testing components or systems; or providing technical support for sales. Later on, many engineers find themselves pursuing managerial careers, starting their own companies, or even managing entrepreneurial funds. Top graduates are also well received by medical schools, law schools, and professional and management programs.

The Electrical Engineering Baccalaureate program and the Computer Engineering Baccalaureate program are accredited by the Engineering Accreditation Commission of ABET, Inc., http://www.abet.org.

# General Information

Students are strongly encouraged to seek advisement early in their studies to ensure effective course scheduling. Contact the college advisement center (264 CB) or the department (459 CB). Students should enroll in EC En 191 in their first year of study at BYU.

In both undergraduate degree programs offered in the department, students are required to pass prerequisite courses in the major with a grade of C– or better before taking follow-on courses.

**Professional Registration.** The Electrical and Computer Engineering Department provides the option for graduates to become registered professional engineers. General qualifications for becoming registered are explained in the Ira A. Fulton College of Engineering section of this catalog. This status is vital to engineering practice in the public sector and to much consulting work. The basic electrical and computer engineering program outlined in this department prepares graduates to successfully complete the Fundamentals of Engineering (FE) examination. Students who wish to become registered as professional engineers are advised to discuss this matter with an advisor from the department soon after admission to the professional program.

1.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

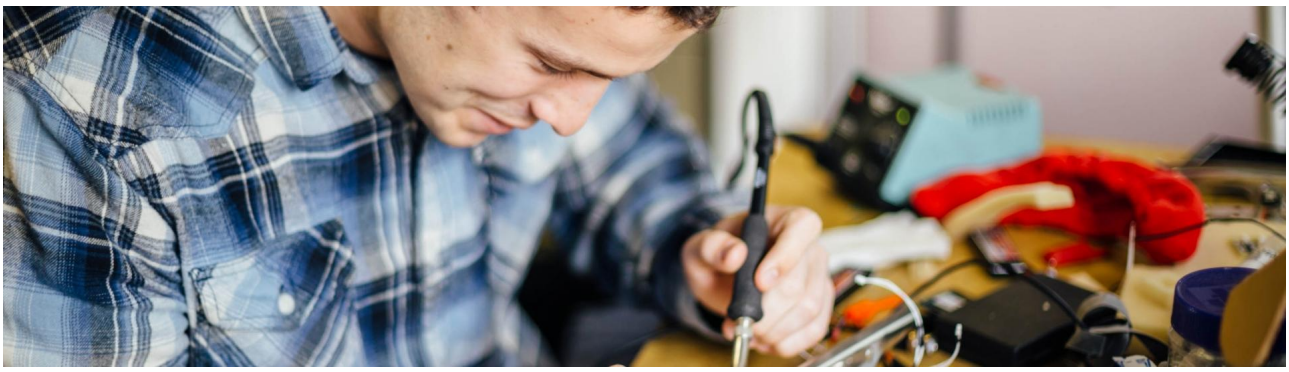
**393540 - Computer Engineering (BS)**
**396501 - Information Technology (Minor)**
**393550 - Electrical Engineering (BS)**
**396527 - Cybersecurity (BS)**

## Courses

**EC EN 191 - New Student Seminar**
**EC EN 192 - Freshman Project**
**EC EN 199R - Academic Internship**
**EC EN 224 - Introduction to Computer Systems**
**EC EN 225 - Computer Systems Laboratory**
**EC EN 240 - Circuit Analysis and Laboratory**
**EC EN 301 - Elements of Electrical Engineering.**
**EC EN 320 - Fundamentals of Digital Systems**
**EC EN 330 - Introduction to Embedded System Programming**
**EC EN 340 - Electronic Circuit Design 1**
**EC EN 351 - Fundamentals of Biomedical Engineering**
**EC EN 360 - Electromagnetic Fields and Waves**
**EC EN 380 - Signals and Systems**
**EC EN 390 - Junior Team Design Project**
**EC EN 391 - Junior Seminar**
**EC EN 412 - Biomedical Instrumentation**
**EC EN 419 - Mentored Projects in Biomedical Engineering**
**EC EN 423 - Computer Organization**
**EC EN 425 - Real-Time Operating Systems.**
**EC EN 426 - Computer Networks**
**EC EN 427 - Embedded Systems**
**EC EN 433 - Introduction to Robotics and Autonomy**
**EC EN 445 - Introduction to Mixed-Signal VLSI**
**EC EN 446 - Power Electronics**
**EC EN 450 - Introduction to Semiconductor Devices**
**EC EN 452 - Experiments in Integrated Circuit Development**
**EC EN 462 - Electromagnetic Radiation and Propagation.**
**EC EN 464 - Wireless Communication Circuits**
**EC EN 466 - Introduction to Optical Engineering**
**EC EN 471 - Machine Learning: Foundations and Applications**
**EC EN 475 - Capstone Design 1**
**EC EN 476 - Capstone Design 2**
**EC EN 483 - (EC En-Me En 431) Design of Control Systems.**
**EC EN 485 - Introduction to Digital Communication Theory**
**EC EN 487 - Introduction to Discrete-Time Signal Processing**
**EC EN 490 - Team Design Project**
**EC EN 493R - Special Topics in Electrical and Computer Engineering**
**EC EN 521 - Introduction to Algorithm Design**
**EC EN 522R - Special Topics in Computer Systems**
**EC EN 523 - Computer System Reliability**
**EC EN 526 - Wireless Networking**
**EC EN 528 - High Performance Parallel Computing**
**EC EN 536 - Autonomous Aircraft Guidance, Navigation, and Control**
**EC EN 541 - Active and Passive Filter Design**
**EC EN 542R - Special Topics in Electronics**
**EC EN 543 - CMOS Amplifier Design**
**EC EN 548 - Analog CMOS Circuit Design**
**EC EN 549 - VLSI Communication Circuit Design**
**EC EN 550 - (EC En-Me En) Microelectromechanical Systems (MEMS).**
**EC EN 551 - Introduction to Digital VLSI Circuits**

EC EN 555 - Optoelectronic Devices
EC EN 560 - Electromagnetic Wave Theory
EC EN 562 - Integrated Quantum and Classical Photonics
EC EN 563 - Numerical Methods for Engineering
EC EN 564 - Radar and Communication Systems
EC EN 567 - Physical Optics
EC EN 568 - Microwave Remote Sensing
EC EN 576 - Medical Imaging and Image Reconstruction
EC EN 595 - Fundamentals of Patents and Other Intellectual Property
EC EN592R - Teaching Experience for ECEn
IT&C 101 - Introduction to Cybersecurity
IT&C 199R - Academic Internship: Information Technology & Cybersecurity
IT&C 210A - Web Systems and Security
IT&C 210B - Web Systems and Security
IT&C 231 - Ethics, Law, and Leadership
IT&C 247 - Networks and Security
IT&C 255 - User Experience Design
IT&C 266 - Adversarial & Cybersecurity Mindset
IT&C 291R - Seminar
IT&C 293 - Professional Seminar
IT&C 327 - Digital Communications
IT&C 344 - Operating Systems
IT&C 350 - Database Principles and Applications
IT&C 366 - Defensive Cybersecurity
IT&C 399R - Academic Internship: Information Technology & Cybersecurity
IT&C 492R - Special Problems in Information Technology & Cybersecurity
IT&C 495R - Global Engineering Outreach Projects
IT&C 515R - Special Topics in Information Technology & Cybersecurity
IT&C 529 - Advanced Networking
IT&C 530 - Scientific Computing
IT&C 544 - System Administration
IT&C 548 - Cyber-Physical Systems
IT&C 555 - Advanced Human-Computer Interaction
IT&C 566 - Digital Forensics
IT&C 567 - Cybersecurity and Penetration Testing
IT&C 585 - Encryption Implementation
MFGEN 318 - Manufacturing Electronics and Microsystems

# Manufacturing Engineering, Department of Department



# Manufacturing Engineering

Department of Manufacturing Engineering

## Administration

**Chair**: Tracy W Nelson

**Department Information:**

265 CTB

801-422-6300

mfgen@byu.edu

WEBSITE

**Advisement Center:**

250 SNLB

801-422-2021

sot_advisement@byu.edu

WEBSITE

FACULTY

## Admission to Degree Program

The degree program in the Department of Manufacturing Engineering is open enrollment.

## The Discipline

A manufacturing engineer's primary focus is turning raw materials into new products as effectively, efficiently, and economically as possible. Manufacturing engineering includes a wide array of specialties related to product and manufacturing process development. Manufacturing engineering students become familiar with fabrication processes like casting, forming, molding, and welding, along with advanced tools like CNC machining, additive manufacturing (3D printing), automation, and "smart factory" cyber-physical production systems. They learn to implement continuous improvement methodologies like Lean Production and Six Sigma. Manufacturing engineers work to improve quality and efficiency, often using statistical analysis and computer simulation. BYU's Manufacturing Engineering Program combines fundamental principles with a strong element of hands-on experiential learning, leading to an interdisciplinary senior capstone project, where students work with an actual company to bring a new product all the way from initial idea to a functional prototype and design package ready for production.

## Career Opportunities

Manufacturing engineers are needed any where physical products are being produced. Manufacturing engineers oversee the process of transforming a product design into a physical object that can be economically and reliably manufactured. Manufacturing engineering students often enter careers in the automotive, aerospace, heavy machinery, medical device, consumer product, or food production industries. They may receive titles such as design engineer, industrial engineer, quality engineer, project manager, process improvement engineer, systems engineer, or production engineer.

Manufacturing engineers sit right in the middle of the action, communicating with other engineers regarding product design, supply chain managers regarding raw materials and equipment, machine operators and line managers regarding process planning, efficiency, and quality, and marketers and accountants regarding demand forecasts and scheduling. They lend their expertise in making designs more manufacturable, determining what processes to use to produce products, and organizing people and equipment to produce the right number of products, at the right time, as efficiently and economically as possible. Many manufacturing engineers also pursue management roles or become entrepreneurs and business owners.

Graduates in manufacturing engineering are well prepared to pursue advanced degrees. Some continue with graduate studies in manufacturing engineering, while others may transition to other engineering fields, an MBA, or law school. The experience, skills, and problem-solving abilities gained in BYU's Manufacturing Engineering Program are transferrable to a wide range of careers.

## General Information

Students are strongly encouraged to seek advisement early in their studies to ensure effective course scheduling. Contact the School of Technology advisement center (SNLB 250). Students should enroll in MFGEN 130: Modern Manufacturing in their first year of study at BYU.

During their senior year, manufacturing engineering students have the opportunity to be certified by the Society of Manufacturing Engineers (SME). The Certified Manufacturing Technologist (CMfgT) Certification is recognized worldwide by the manufacturing industry. Following graduation, manufacturing engineers can fulfill additional work requirements and receive the Certified Manufacturing Engineer (CMfgE) Certification.

## Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

## Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

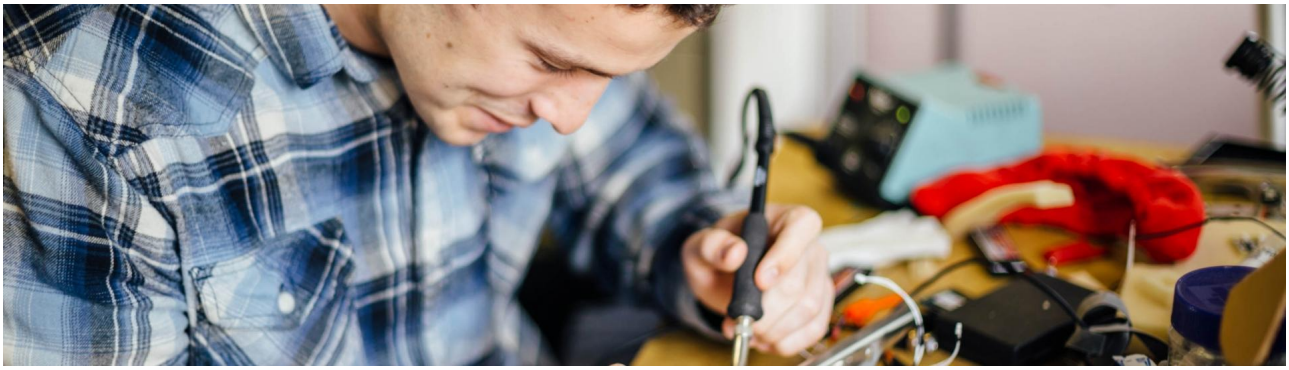
**396502 - Manufacturing (Minor)**

**396541 - Manufacturing Engineering (BS)**

## Courses

**MFGEN 130 - Modern Manufacturing**
**MFGEN 220 - Material Removal**
**MFGEN 230 - Computer-Aided Manufacturing**
**MFGEN 291 - Manufacturing Leadership**
**MFGEN 331 - Metals Processes**
**MFGEN 333 - Industrial Automation**
**MFGEN 340 - Quality Systems in Manufacturing**
**MFGEN 355 - Plastics Materials and Processing**
**MFGEN 372 - Design for X**
**MFGEN 381 - Lean Manufacturing & System Design**
**MFGEN 391 - Junior Seminar**
**MFGEN 399R - Academic Internship**
**MFGEN 401 - Data Analysis**
**MFGEN 431 - Tool Design**
**MFGEN 433 - Introduction to Smart Manufacturing**
**MFGEN 435 - Application of Sensors and Instrumentation for Manufacturing**
**MFGEN 440 - Six Sigma for Manufacturing**
**MFGEN 456 - Introduction to Composites**
**MFGEN 479 - Innovation and Entrepreneurship**
**MFGEN 481 - Manufacturing Systems and Simulation**
**MFGEN 490R - Special Problems in Manufacturing Engineering**
**MFGEN 491 - Senior Seminar**
**MFGEN 531 - Advanced Computer-Aided Manufacturing Programming**
**MFGEN 532 - Manufacturing Systems**
**MFGEN 533 - Manufacturing Information Systems**
**MFGEN 556 - Modeling and Simulation of Composites Manufacturing**
**MFGEN 558 - Metallurgy**
**MFGEN 572 - Design for Additive Manufacturing**
**MFGEN 574 - Advanced Tool Design**
**MFGEN 575 - Packaging Technologies**
**MFGEN 580 - Manufacturing Simulation**
**MFGEN 590R - Special Topics in Manufacturing Engineering**

# Mechanical Engineering, Department of Department



# Mechanical Engineering

Department of Mechanical Engineering

## Administration

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FACULTY

# Admission to Degree Program

The degree program in the Department of Mechanical Engineering carries special enrollment limitations. Please see Professional Program Acceptance below.

# The Discipline

Mechanical engineers work with concepts, ideas, and products that are primarily mechanical or energy related. Mechanical engineering is a broad discipline that prepares a person to contribute in a wide range of fields such as aerospace, computer graphics, power generation, machine tools, petroleum, agricultural and construction equipment, medicine, robotics, government, and all types of transportation. A mechanical engineer may work in research, design, analysis, manufacturing, testing, operations, sales, or management. Engineers use critical problem-solving methods and basic principles of mathematics and science to creatively solve problems.

# Educational Objectives

The objectives of the undergraduate Bachelors of Science program in the Department of Mechanical Engineering at Brigham Young University are to:

1. Teach the fundamental concepts of math, science, and mechanical engineering in order to produce graduates who demonstrate technical excellence and provide service to their profession, community, family, and church.
2. Instill a desire and ability to learn continuously, both through study and faith, to enable graduates to meet the changing demands of their profession and personal life.
3. Provide practical and open-ended engineering experiences in order to develop graduates who think independently and demonstrate leadership and creativity.
4. Engage students in activities to produce graduates who communicate and work effectively and ethically with people of diverse backgrounds.

# Program Outcomes

To assure that these objectives are reached, the department has articulated twelve outcomes of the BS program. Each student graduating from this program is expected to have:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

All courses in the curriculum are designed to help achieve these outcomes.

The curriculum in mechanical engineering is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc. (ABET).

# Career Opportunities

A bachelor of science degree in mechanical engineering provides widely recognized professional training for careers in industry, government, and other areas. Most industrial companies hire mechanical engineers.

Companies that make mechanical or energy-related products may hire mostly mechanical engineers. As a result, many mechanical engineering positions are available worldwide. Mechanical engineers have job opportunities in companies involved in such areas as aircraft and spacecraft design; manufacturing processes; product safety and reliability; solar energy; electronic equipment packaging and cooling; power plant design;

jet, train, truck, and automobile engines; environmental protection; artificial intelligence; robotics; medical and hospital equipment; new material development and applications; and technical writing. Increasing numbers of positions utilize foreign language experience.

A graduate in mechanical engineering is prepared for advanced studies in the field as well as in a variety of other disciplines, including law, medicine, and business administration. Perhaps most important to graduates are the problem-solving strategies and thinking processes acquired in the study of mechanical engineering that help one to succeed in any area of endeavor.

# General Information

Any student may choose to major in mechanical engineering and to enroll in all classes in the preprofessional program.

# Professional Program Acceptance

Students must be accepted into the professional program before they may take the professional Me En core courses. To apply, students must receive a grade in the courses outlined below. They must also be in good academic standing. Admissions decisions are made by equally weighting the GPA from these courses. (See policies below regarding AP courses and transfer courses.)

- The first physics course taken at BYU from the sequence: PHSCS 121, PHSCS 123, Ec En 101
- The first math course taken at BYU from the sequence: MATH 112, 113, 213, 302, 303, 314, 334
- The first mechanics course taken at BYU from the sequence: ME EN 101, CE EN 203, CE EN 204
- ME EN 191 at BYU (PASS Grade required)

**AP Courses:** Equivalent credit for AP exams can fulfill graduation requirements; however, since there is no grade assigned to AP courses, they cannot be used to calculate the *Application GPA*. For purposes of calculating the *Application GPA*, students must either (a) take the BYU equivalent course or (b) take the next course in the physics, math, or mechanics sequence.

**Transfer Courses**. Equivalent credit for non-ABET-accredited courses can fulfill graduation requirements, but cannot be used to calculate the *Applicatoin GPA*. For purposes of calculating the Application GPA, students must either (a) take the BYU equivalent course or (b) take the next course in the physics, math, or mechanics sequence.

**Acceptance Criteria**. 240 students are granted acceptance to the professional program each year based on the Application GPA. Students may apply for admission more than once, however, each course may be retaken only ONE time (includes withdraws). When a course is retaken, the higher grade will be used to calculate the *Application GPA*. Please see our website: http://me.byu.edu/apply for further information and recent admission data.

# Academic Standards and Continuance

On gaining acceptance into the ME professional program, students must maintain a minimum university cumulative GPA of 2.0. No more than 6 credit hours or two courses of passing grades below C– in required program courses (including preprofessional and professional courses) may be applied toward graduation. A professional program course may not be retaken more than once. At least 30 of the 48.5 credit hours of Mechanical Engineering courses (ME EN) must be earned at BYU.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

BYU

## Programs

394941 - Mechanical Engineering: Aerospace (BS) *

394950 - Mechanical Engineering (BS) *

## Courses

ME EN 101 - Static Systems in Mechanical Engineering
ME EN 191 - New Student Seminar
ME EN 199R - Academic Internship: International Students
ME EN 204 - Engineering Mechanics - Dynamics
ME EN 231 - Leadership in a Global Context
ME EN 250 - Science of Engineering Materials
ME EN 251 - Discovering the Field of Materials Science
ME EN 272 - Engineering Graphics--Principles and Applications
ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering
ME EN 275 - Computational Methods in Engineering
ME EN 291 - Job Finding Skills
ME EN 312 - Fluid Mechanics
ME EN 321 - Thermodynamics
ME EN 330 - Design of Mechatronic Systems
ME EN 335 - Dynamic System Modeling and Analysis
ME EN 340 - Heat Transfer
ME EN 351 - Fundamentals of Biomedical Engineering
ME EN 362 - Engineering Measurements
ME EN 372 - Mechanical System Design Fundamentals
ME EN 382 - Manufacturing Processes
ME EN 412 - Applications of Fluid Dynamics
ME EN 415 - Flight Vehicle Design
ME EN 422 - Applied Thermodynamics
ME EN 423 - Global Perspectives on Energy and the Environment
ME EN 425 - Internal Combustion Engines
ME EN 426 - Gas Turbine and Jet Engine Design
ME EN 431 - (Me En-EC En 483) Design of Control Systems
ME EN 437 - Kinematics
ME EN 450 - Engineering Materials: Selection for Design
ME EN 455 - Materials Science Seminar
ME EN 456 - Composite Material Design
ME EN 461 - (Me En-Phscs) Introduction to Acoustics
ME EN 472 - Mechanical Systems Design Applications
ME EN 473 - Interdisciplinary Electro-Mechanical Innovation
ME EN 475 - Integrated Product and Process Design 1
ME EN 476 - Product Development 2 - Capstone
ME EN 479 - Singapore International Product Design and Development
ME EN 482 - Manufacturing Systems Analysis and Design
ME EN 494R - Global Engineering Outreach Projects
ME EN 495R - Mentored Learning for Undergraduate Coursework in Mechanical Engineering
ME EN 497R - Mentored Learning for Undergraduate Projects in Mechanical Engineering
ME EN 500 - (MeEn-CEEn) Design and Materials Applications
ME EN 501 - (MeEn-CEEn) Stress Analysis and Design of Mechanical Structures
ME EN 504 - (Me En-CE En) Computer Structural Analysis and Optimization
ME EN 505 - Applied Engineering Math
ME EN 507 - (Me En-CE En) Linear Finite Element Methods
ME EN 508 - (Me En-CE En) Structural Vibrations
ME EN 510 - Compressible Fluid Flow
ME EN 512 - Intermediate Fluid Dynamics
ME EN 515 - Aerodynamics
ME EN 521 - Intermediate Thermodynamics
ME EN 522 - Combustion
ME EN 523 - (Me En-CE En) Aircraft Structures
ME EN 534 - Dynamics of Mechanical Systems
ME EN 535 - Mechanical Vibrations
ME EN 537 - Robotics - Kinematics, Dynamics, and Control
ME EN 538 - Compliant Mechanisms
ME EN 540 - Intermediate Heat and Mass Transfer
ME EN 541 - Computational Fluid Dynamics and Heat Transfer
ME EN 550 - (Me En-EC En) Microelectromechanical Systems (MEMS).
ME EN 552 - Neuromechanics of Movement
ME EN 553 - Mechanical Behavior of Materials
ME EN 554 - Kinetics of Materials
ME EN 555 - Introduction to Biomechanical Engineering
ME EN 556 - Materials Modeling: Methods in Atomistic, Mesoscale, and Continuum Simulations
ME EN 557 - Materials in Extreme Environments
ME EN 558 - Metallurgy
ME EN 561 - (Me En-Phscs) Fundamentals of Acoustics.
ME EN 570 - (Me En-CE En) Computer-Aided Engineering Software Development
ME EN 572 - Design for Additive Manufacturing
ME EN 575 - (Me En-CE En) Optimization Techniques in Engineering.
ME EN 576 - Product Design
ME EN 577 - Uncertainty Quantification
ME EN 578 - Systems Engineering and CAD Applications
ME EN 579 - Global Product Development
ME EN 595R - Topics in Materials
ME EN 595R - Special Topics in Mechanical Engineering
ME EN 595R - Topics in Mechanical Design
ME EN 595R - Advanced Dynamics
ME EN 634 - Autonomous Aircraft Guidance, Navigation, and Control

# Art, Department of Department

# Art

Department of Art

## Administration

**Chair**: Joseph Evan Ostraff

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FACULTY

# Admission to Degree Program

The BA in Art is an open-enrollment program, as is the Art Minor. All other programs within the Department of art are Limited Enrollment programs. Admission to these programs is obtained by department application after completion of a set of prerequisite courses, which varies according to program. Students will have two opportunities to apply to their program of choice—one in March and one in November. Please see General Information below for more details, or contact the college advisement center (1-801-422-3777).

# The Discipline

The Department of Art is a vibrant community of students, artists, and scholars working together to teach and mentor students in making art with integrity and thinking critically with a foundation in the Gospel. The department has an open structure allowing students to move freely between disciplines while developing as artists, scholars, and teachers. Students develop fluency in the traditions of art and teaching while being pushed to experiment and develop strong conceptually grounded artistic voices. Students can focus on one area of exploration or can work out an interdisciplinary program of study. Students have access to specialized classrooms, labs, and studio spaces, and work closely with faculty in small classes and a highly personalized and mentored environment.

# Career Opportunities

The BA and BFA in Art train students as artists and creative problem solvers. Graduates are prepared to function as independent artists and creative thinkers in a range of disciplines. Graduates successfully pursue graduate studies in art and other disciplines at major universities and art schools around the globe, work as independent artists, find employment as arts administrators and art professionals at galleries, museums, universities and other art related professions.

The art education degree certifies the student as an art specialist in public or private institutions, grades K–12. Other opportunities for the certified art specialist are in foreign school systems, recreation programs, art museum education programs, and galleries. Students qualify for positions in artist-in-the-schools programs and arts councils and as art consultants/coordinators. The degree also provides a foundation for graduate study leading to advanced degrees.

# General Information

## Prerequisite Core

All art and art education students must complete the freshman core program before applying to Department of Art programs. The freshman core will consist of the following majors-only courses: ART 102, 133, 226. AP credit does not fulfill this requirement.

## Talent Awards

All BA, BFA, and Art Education pre-major students in the Department of Art may apply for talent awards by completing the application found online at https://art.byu.edu/scholarships-grants. The deadline for talent award applications is February 28th each year.

## Application Procedures for Freshmen

High school students expecting to be admitted to BYU in Fall semester may apply for the talent award the November of the preceding year. If accepted to the Art program through the talent award, the student will be expected to enroll in the core that first Fall semester and complete the prerequisite classes.

## BA and BFA Programs

The BA in Art is a highly interdisciplinary program encouraging students to combine varied disciplines and approaches to their creative and academic work. Students can pursue traditional art pathways or develop areas of focus moving fluidly between artistic practice, curation, education, business and relational aesthetics. In addition, students successfully leverage the liberal arts education received through an Art BA to achieve professional goals in law, medicine, business and other fields.

BA in Art students select one of four emphases of study: Art, Art Administration, Printmaking and Book Arts, or Art & Technology. Additionally, BA in Art students can apply to the BFA in Art after completing sophomore level art courses.

The BFA program is a professional degree focused on developing artists who function at the highest of levels and preparing students for graduate work in art. The program is a vibrant community of students and faculty working together closely in a wide range of disciplines. Students develop fluency in the traditions of art while being pushed to experiment and develop strong conceptually grounded artistic voices. The department and BFA program have an open structure allowing students to move freely between disciplines while developing as artists. Students can focus on one area of exploration or can work out an interdisciplinary program of study. Disciplines include Ceramics, Figure, New Genre, Painting/Drawing, Photography, Printmaking, and Sculpture. Students have beautiful classrooms, labs, and studio spaces, enjoy access to our museum of art and work closely with faculty in small classes and a highly personalized and mentored environment.

The BA in K-12 Art Education guides students both as artists and teachers through engagement with hands-on teaching, curriculum development, and studio work. Students acquire an understanding of schools, teachers, and students through supervised observations and teaching experiences. They also develop a professional portfolio, study contemporary and historical art, and immerse themselves in critical questions about life and creativity. Core classes in drawing, photography, and two- and three-dimensional design familiarize students with the basic principles, concepts, and techniques of various studio areas. Students develop the ability to work and teach proficiently across several areas of artistic expertise, i.e. drawing, photography, sculpture, painting, graphic design, computer graphics, ceramics, printmaking, film, new media/genre, installations, and relational aesthetics/social and public engagements. Graduates from this program are prepared to work as art specialists and are equipped with the skills to teach in primary and secondary schools. The teaching licensure gained as a part of the Art Education major qualifies its graduates for teaching positions in all 50 states.

To learn more about our degree programs, visit: https://art.byu.edu/degrees_and_licensure

## Transfer Students

Transfer students in art disciplines must meet with the BA coordinator and the CFAC advisement center to determine transfer credit eligibility.

### Degree Program Coordinators/Advisors

Coordinators are appointed to counsel students in each of the three majors: BA Art Education, BA Art, BFA Art. Coordinators will advise students about program objectives, course content and sequence, career goals, and other matters pertaining to their major field of study.

### Department Probationary Status

Students can be placed on probationary status for the following:

1. Inadequate academic performance.
2. Unprofessional attitude and lack of commitment.
3. BYU Honor Code violations.

## Licensure Option

The BA and BFA are professional degrees. A non-degree licensure option is available to the BA and BFA Art majors. https://art.byu.edu/degrees_and_licensure Please review the art education major requirements or contact the college advisement center. **Note: This is not a second major.**

## Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

The University Core, consisting of requirements in general and religious education. (For a complete listing of courses that meet university core requirements, see here.)

At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student

A minimum of 120 credit hours

A cumulative GPA of at least 2.0

Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

## Graduate Programs Available

This department also offers graduate degree programs in Art and Art Education. For more information, see Graduate Studies and/or art.byu.edu.

## Programs

**488002 - Art (Minor)**
**488004 - Art Education (Minor) ***
**488022 - Art Education K-12 (BA) ***
**488041 - Art (BFA) ***
**488046 - Art (BA)**
**488050 - Art: Arts Administration (BA)**
**488051 - Art: Printmaking & Book Arts (BA)**
**488052 - Art: Art & Technology (BA)**

## Courses

**276 - Introduction to K-12 Art and Design Education**
**326 - Art for Elementary Teachers**
**ART 101 - Introduction to Art and Drawing**
**ART 102 - Introduction to Art: 2D**
**ART 104 - Introduction to Sculpture for Non-Majors**
**ART 105 - Introduction to Ceramics for Non-Majors**
**ART 110 - Painting for Non-Majors**
**ART 120 - Watercolor for Non-Majors**
**ART 122 - Printmaking for Non-Majors**
**ART 130 - Bookbinding**
**ART 133 - Introduction to Art: 3D**
**ART 200 - Studio Techniques for Art History**
**ART 210 - New Genres and Interdisciplinary Projects**
**ART 215 - Painting Fundamentals**
**ART 216 - Ceramics Fundamentals**
**ART 217 - Sculpture Fundamentals**
**ART 220 - Introduction to Drawing and Figure Drawing**
**ART 225 - Printmaking Fundamentals**

**ART 226 - Approaches to Artmaking**
**ART 240 - Print and Web Design for Studio Artists**
**ART 260 - Photography Fundamentals**
**ART 310 - Installation**
**ART 320 - 20th Century Art and Theory**
**ART 321 - Drawing**
**ART 326 - Current Art Practice**
**ART 327 - Painting**
**ART 328R - Figure Drawing and Painting**
**ART 330 - Advanced Bookbinding**
**ART 332 - Book Arts**
**ART 333 - Painting-Mixed Media**
**ART 340 - Business Practices for Artists**
**ART 341 - Exhibition & Gallery Practices for Artists**
**ART 350 - Advanced Printmaking: Intaglio, Relief & Monotype**
**ART 351 - Advanced Printmaking: Lithography & Screenprint**
**ART 353 - Time-Based Art**
**ART 355 - Interdisciplinary Projects**
**ART 356R - Figure Sculpture**
**ART 357 - Digital 3D: Sculpture with Digital Tools**
**ART 358 - Sculpture**
**ART 359R - Ceramics**
**ART 360 - Advanced Photography**
**ART 394R - Special Problems in Art**
**ART 395R - Studio Seminar**
**ART 480R - Advanced Studio**
**ART 490 - BA Exit Portfolio**
**ART 496R - Academic Internship: Professional Internship**
**ART 497 - BFA Final Project and Exit Portfolio**
**ARTED 339 - Computer Application in Art Education**
**ARTED 378 - K-12 Classroom Management, 3D Methods, and Community Arts Practicum**
**ARTED 380 - Museum Art Education**
**ARTED 397 - Issues in Contemporary Art, Aesthetics, and Criticism**
**ARTED 450 - Advanced Secondary Studio Teaching Methods for Art Educators**
**ARTED 476R - Art Secondary and Elementary Student Teaching**
**ARTED 477R - Secondary Minor Student Teaching**
**ARTED 478 - Art Curriculum Assessment and Methods for K-12 Educators**
**ARTED 496R - Academic Internship: Secondary Education**
**ARTED 578R - Art Education Studio**

# Communications, School of Department

# Communications

School of Communications

## Administration

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FACULTY

# The Discipline

The BYU School of Communications prepares students for careers in fields related to mass communication, such as advertising, journalism, public relations, and communications studies. The school is nationally accredited by the Accrediting Council on Education in Journalism and Mass Communication. Grounded in a strong liberal arts foundation, this program provides a balance between scholarship and professional skills. This goal is accomplished by requiring core courses and electives that enhance critical thinking about the discipline, while providing courses in emphasis areas that afford additional skills for each profession. See emphasis descriptions for additional information about their discipline and career opportunities.

# Educational Outcomes

The School of Communications exists to help students become professional and scholarly communicators whose messages contribute to a better society by benefiting the organizations for which they work and the audiences they reach.

**1. Effective Communication:** Students will communicate effectively with their audiences: Specifically, students will be literate in the language of the media industries, and be able to plan and prepare mass communication messages in the appropriate style, using the appropriate research method, and appropriate technologies, to serve audience needs.

- **Writing:** Students will write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve.
- **Editing:** Students will critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
- **Numerical skills:** Students will apply basic numerical and statistical concepts.
- **Technology:** Students will apply tools and technologies appropriate for the communications professions in which they work.
- **Research:** Students will conduct research and evaluate information by methods appropriate to the communications professions in which they work.

**2. Professional practice:** Students will act professionally in their practice. Specifically, students will demonstrate they. value freedom of speech in the marketplace of ideas, and be able to practice communication within legal boundaries, while exhibiting standards of professional behavior and demonstrating sensitivity to ethical behavior. Students will also be literate in the language of media industries.

- **Freedom of speech:** Students will understand and apply the principles and laws of freedom of speech and the press, for the right to dissent, to monitor and criticize power, and to assemble and petition for redress of grievances.
- **Ethics**: Students will demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness, and diversity.

**3. Mass Communication Process:** Students will be scholars of the mass communication process. Specifically, students will be able to apply relevant theory to communication practice, understand factory that shape their profession and think critically about the relationship between mass media and society.

- **Theory:** Students will understand concepts and apply theories in the use and presentation of images and information.
- **History**: Students will demonstrate an understanding of the history and role of professionals and institutions in shaping communications.
- **Critical thinking**: Students will think critically, creatively and independently.

**4. Applying Gospel-centered Values:** Students will be able to apply Gospel-centered values as they contribute to society. Specifically, they will promote diversity, inclusiveness, and agency in a global society, be able to exercise moral reasoning when faced with ethical dilemmas, and show a commitment to making a difference in their sphere of influence.

- **Domestic Diversity**: Students will demonstrate an understanding of gender, race, ethnicity, sexual orientation and, as appropriate, other forms of diversity in domestic society in relation to mass communication.
- **International diversity**: Students will demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of mass communications in a global society.

# Admission to Degree Program

The degree programs in the School of Communications have a school application process with specific enrollment limitations. Please see the college advisement center for details, telephone 1-801-422-3777, or online at http://comms.byu.edu/.

# General Information

Working under faculty direction, students in the school create advertising campaigns in the AdLab, use data to design public relations strategies in the PR Intelligence Lab, conduct biometric research in the BioComms lab, and publish journalistic content for the Daily Universe.

The School of Communications sponsors the International Media Studies Program, which seeks to broaden students' awareness of worldwide communications issues and practices. Not only do students have opportunity to study the media systems of other nations through classes and on-site experiences, but media practitioners of other nations are also brought to campus as lecturers and visiting experts.

The school encourages early admission. Students who enroll in Comms 101 and an introductory course and complete the English requirement can apply to the major as early as the second semester of their freshman year.

# School Requirements

1. Each student must be formally accepted into a degree program. Contact the college advisement center for admission requirements or online at http://comms.byu.edu.
2. All students must take a campus writing course before applying for admission to the major. **AP credit does not fulfill this requirement. The following writing course fulfills this requirement and satisfies the GE First-Year Writing requirement: WRTG 150.**
3. Complete a minimum of 72 hours in courses outside of the department, while meeting BYU's University Core requirements.
4. Every student is required to complete an internship or an equivalent mentored experience. Although the school operates an internship office (280 BRMB) that serves as a clearinghouse for internship information, the responsibility for securing an internship rests with the student. Students may not embark on any required internship without prior approval from a faculty advisor, completing prerequisite courses with a C– or better, processing appropriate documents with the Internship Office, and being enrolled in Comms 496R.
5. Communications students are required to own or rent a computer. Before obtaining a computer, students should first consult the school website for specifications.
6. Communications students must learn the design software used in several of the upper-level courses prior to attending the course.

   The following software will be used in these courses:

   - Adobe Publishing — Comms 330, 331, 425, 484

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**483603 - Communications (Minor)**
**483632 - Communications: Communications Studies (BA) ***
**483651 - Communications: Journalism and Sports Media (BA)***
**483630 - Communications: Advertising (BA) ***
**483634 - Communications: Public Relations (BA) ***

## Courses

COMMS 101 - Mass Communication and Society
COMMS 230 - Introduction to Advertising
COMMS 235 - Introduction to Public Relations
COMMS 238 - Introduction to Communications Studies
COMMS 239 - Introduction to Multimedia Storytelling
COMMS 300 - Media Law and Responsibility
COMMS 301 - Mass Media History and Philosophy
COMMS 302 - Popular Culture and Media
COMMS 304 - Media Ethics: Ethical Decision-Making in a Diverse Society
COMMS 305 - Foundations of Journalism and News Literacy
COMMS 306 - Sports Media Research and Strategy
COMMS 307 - Fundamentals of Communications Action
COMMS 308 - Research Methods for Journalism
COMMS 309 - Account Planning Management
COMMS 310 - Writing Branded Content
COMMS 311 - Writing for News Media
COMMS 312 - Digital Media Production
COMMS 313 - Media Design and Graphics
COMMS 314 - Intro to Social Media Management
COMMS 315 - Intro to SEO and Analytics
COMMS 316 - Intro to Social Promotion
COMMS 317 - Advertising Research Methods
COMMS 318 - Public Relations Research and Measurement
COMMS 319 - Research in Communication
COMMS 320 - Public Relations Writing
COMMS 321 - Multimedia Reporting
COMMS 324 - Feature Writing
COMMS 325 - Video Reporting
COMMS 327R - Special Topics in Broadcasting
COMMS 328 - Backpack Journalism
COMMS 329 - Opinion Writing
COMMS 330 - Creating Advertising Concepts - Portfolio 1.
COMMS 331 - Creating Advertising Concepts - Portfolio 2.
COMMS 333 - Social and Digital Media in Public Relations
COMMS 335 - TV Commercial Production
COMMS 337 - Advertising Account Management
COMMS 345 - Media Sales and Promotion
COMMS 350 - Visual Communication in Public Relations
COMMS 351 - Media and Their Audiences
COMMS 360 - Communication Management Principles and Theory
COMMS 365 - Photojournalism
COMMS 370R - Special Topics in Communications
COMMS 371R - Special Topics in Advertising
COMMS 372 - Marketing Media Planning and Strategy
COMMS 381 - International Media Systems
COMMS 382 - Issues in Global Communication
COMMS 384 - Editing for News Media
COMMS 385 - Television News Producing
COMMS 386 - Sports Communication
COMMS 395R - International Media Studies Abroad
COMMS 396R - Communications Practicum
COMMS 399R - Academic Internship
COMMS 406 - Media and the First Amendment
COMMS 411 - Media Effects
COMMS 416 - Media Advocacy and Social Change
COMMS 420 - Advanced Print Reporting
COMMS 422 - Newsroom Leadership
COMMS 426 - Persuasion in the Media Age
COMMS 433 - Advanced Advertising Concepting - Portfolio 3
COMMS 436 - Public Relations Strategy
COMMS 480 - Media Ethics and Moral Reasoning
COMMS 481 - Gender, Race, and Class in the Media
COMMS 482 - Media and World Religions
COMMS 483 - Advanced Communications Studies
COMMS 484 - Publication Graphics and Production
COMMS 485 - Public Relations Campaigns
COMMS 486 - Advanced Broadcast Reporting
COMMS 488 - Advanced Broadcast Producing
COMMS 489 - Strategic Advertising Campaigns
COMMS 490 - Media Innovations Capstone
COMMS 491R - Student Media Labs
COMMS 495R - Research and Readings in Communication Practice
COMMS 496R - Academic Internship
COMMS 497R - Mentored Research Practicum
COMMS 498R - Projects in Communications

# Design, Department of Department

# Design

Department of Design

## Administration

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FACULTY

# Department of Design

The Department of Design prepares visual communicators for careers in a broad range of creative disciplines including animation, graphic design, illustration, photo- & lens- based design, product & user experience design, and other related fields. Students learn to solve complex visual problems and communicate narratives across a wide array of mediums and technologies.

The degree programs within the Department of Design are limited enrollment programs requiring department admissions approval. Students interested in applying for a major should declare their pre-major intent, successfully complete prerequisite courses, and submit an online portfolio for review.

Deadlines for pre-major applications are at the end of the Fall and Winter semesters and Spring term. Students wishing to apply for a BFA professional program should complete foundational courses and then apply through a portfolio review held in June. Students may apply for their program of choice twice. Contact the department for application deadlines. For more detailed information, see Admissions Procedures below or contact the department office at designdepartment@byu.edu or refer to designdept.byu.edu.

# Degree Programs

**Professional BFA Degrees**
Graduates from Department of Design professional BFA programs are fully prepared for careers in the following disciplines—

**Animation:** Animation majors work in various disciplines that include feature film animation, television animation, visual and special effect studios, entertainment, gaming, and data visualization. Students are given opportunities to develop portfolios as they work on personal and group projects, and major films that will help prepare for a successful career as an artist in animation.

**Graphic Design:** Graphic Design majors work in a wide array of design-related disciplines including branding, product design, publishing, interaction design, web design, mobile app development, experience design, service design, motion graphics, and data visualization. Designers often work in traditional design studios, interactive agencies, advertising agencies, and corporate design positions, and as entrepreneurs, freelancers, or design management positions.

**Illustration:** Illustration majors work as illustrators and artists in the evolving creative industry and find various opportunities in publishing, editorial media, advertising, entertainment, and fine art. Illustrators utilize a variety of media to create artwork for children's books, young adult fiction, genre fiction, graphic novels, motion illustrations, gallery art, product design, textiles, interactive design, and corporate or institutional publications. Illustrators often work in-house for production companies, in design studios, or as freelance artists and creative entrepreneurs.

**Product & User Experience Design:** Product and User Experience Design majors will create products that enable human flourishing, foster charitable interactions, and promote societal and ecological well-being. Students will learn to create products that give users valuable, relevant, engaging experiences. Product designers identify user needs and situations, understand business/economic requirements, and pursue consumer engagement to offer these compelling products. The product designer develops, plans, prototypes, and tests product elements that impact the user experience using a human-centered, iterative method. Product designers frequently collaborate with peers from other disciplines, including business, software development, manufacturing, and product engineering

**Photo- & Lens-Based Design:** Photo- & Lens-Based Design majors focus on creative and expressive forms of contemporary photography, cinematography, and motion design as a means of preparing for a broad spectrum of careers, including commercial/advertising (freelance, in-house), editorial, fashion, documentary, fine art, and multimedia production. Graduate school preparation is also prioritized for those students interested in continuing their education. Through their studies, students mature in technical, aesthetic, and conceptual aspects of image-making in a variety of technologies—ranging from analog to digital. Assignments, critiques, and experiences are designed to aid individuals in further developing their creative practice, personal vision, fluency in the language and craft of photo and lens-based media, and how their work functions in a wider cultural context.

**Bachelor of Arts in Interdisciplinary Design Degree**
Interdisciplinary Design majors work in various design-related disciplines, including user experience, art direction, visual development, and creative direction. This degree gives students leeway to think and work across fields, becoming design generalists with foundational training in design processes, theory, methods of working, and design applications. The degree is not devised for general exploration of any BFA majors in the department. Students wishing to explore possible design careers are encouraged to pursue BFA degree program courses.

The degree is limited to students with a clear and targeted plan of coursework involving multiple design disciplines in the department.

There are no courses in fashion design, interior design, or architecture.

# Admissions

**Prospective BYU Students:** Prospective students wishing to be admitted into the Design Department should apply to BYU through the regular admissions process at byu.edu/admissions. Admission to BYU does not guarantee admission into the Department of Design degree programs. Prospective students are strongly encouraged to apply for department scholarships. Apply online at https://designdept.slideroom.com. Go to https://designdept.byu.edu/department-scholarships for application deadline information.

**Department Admissions:** All Design majors are limited enrollment programs that require students to apply for acceptance through a department admissions process. Admitted BYU students should declare their pre-major intent before registering for prerequisite classes. When pre-major coursework is complete, permission to enroll in foundational courses is granted through a portfolio review process. Pre-major portfolio reviews are held online at the end of the Fall and Winter semester and Spring term. Apply online at https://designdept.slideroom.com.

**Major Admissions:** Upon completion of all prerequisite and foundational courses, students apply for admission to the major of their choice through a portfolio review. Reviews are held in June each year. Contact the department office at designdepartment@byu.edu for more information.

**Transfer Students:** Transfer students applying for admittance to the Department of Design are asked to submit an application and a portfolio on https://designdept.slideroom.com. Transfer applications for the Department of Design are reviewed year-round by program areas. At the discretion of the area faculty, students are accepted into the department and are placed at the appropriate level of study. Transfer applications are contingent upon acceptance into BYU, a separate application process. Admission to the department does not guarantee admission to Brigham Young University. For BYU deadlines refer to https://enrollment.byu.edu/admissions/deadlines.

**Note:** Students may apply for admission to department programs twice.

## Department Scholarships

Design majors are encouraged to apply for Department scholarships. Go to https://designdept.byu.edu/department-scholarships for funding information and application deadlines.

# Design Education Licensure

Design majors can add an Art Education teaching license to their degree. This program prepares students with a design background to teach art and design in K-12 classrooms. The program includes 36 credits of coursework, including a semester of student teaching as the capstone project. To join the program, students must enroll in and successfully pass ARTED 276 (Introduction to K-12 Art and Design Education: Studio Methods, Media, and Explorations of teaching).

For more information go to https://byuarted.weebly.com/ Contact the Art Education Coordinator to discuss interest in the licensure option: Mark Graham at mark_graham@byu.edu.

# Equipment Requirements

Incoming BYU design students are asked to purchase a computer for their own convenience and to maximize their academic experience. Pre-major courses can be completed with the use of university labs, however, most students prefer having their own computer. In certain courses and programs, highly specialized technology is made available in department labs and classrooms. Since recommended configurations vary slightly by program area, contact the program area head for more information. The BYU Store carries a full line of discounted computers, accessories, and discounted software subscriptions.

# Department Probationary Status

Students can be placed on probationary status for the following:

1. Inadequate academic performance.
2. Unprofessional attitude and lack of commitment.
3. BYU Honor Code violations.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

## Programs

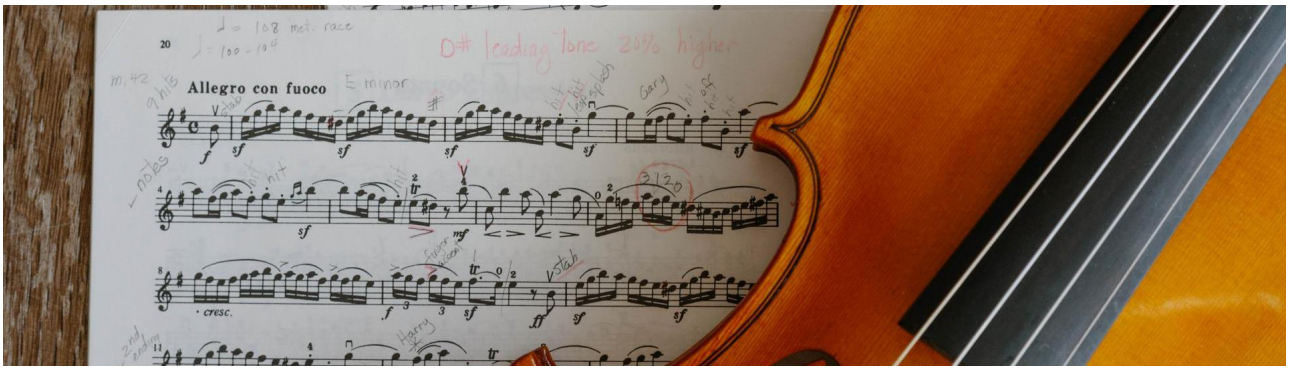
**396536 - Product & User Experience Design (BFA) ***
**488034 - Graphic Design (BFA) ***
**488035 - Illustration (BFA) ***
**488038 - Photo- & Lens- Based Design (BFA) ***
**488040 - Animation (BFA) ***
**488048 - Interdisciplinary Design (BA) ***

## Courses

**DES 111R - Design Lecture Series**
**DES 150 - Introduction to Life Drawing**
**DES 198 - Introduction to Interdisciplinary Design**
**DES 217 - Design Thinking**
**DES 280 - Motion Concepts**
**DES 340 - Graphics: Brand & Type**
**DES 383 - Analog Motion**
**DES 390 - Design Theory and Visual Culture**
**DES 394R - Special Topics**
**DES 411R - Field Study**
**DES 480 - 3D Motion**
**DES 496R - Academic Internship: Professional Internship**
**DES 498R - Directed Studies**
**DESAN 101 - Introduction to Drawing for Pre-Animation**
**DESAN 102 - Drawing Fundamentals**
**DESAN 162 - Introduction to Two-Dimensional Animation Skills**
**DESAN 250R - Gesture Drawing for Animators**
**DESAN 260 - Basic Storyboarding**
**DESAN 262 - Beginning Character Animation**
**DESAN 265 - Visual Development**
**DESAN 275 - Technical Drawing**
**DESAN 352 - Intermediate Character Animation**
**DESAN 359 - Video Game Pre-Production**
**DESAN 360R - Advanced Storyboarding**
**DESAN 361R - Visual Development and Character Design**
**DESAN 362R - Advanced Character Animation**
**DESAN 363R - Experimental Animation and Production**
**DESAN 364R - Digital Sculpting**
**DESAN 365R - Digital Painting**
**DESAN 394R - Special Topics**
**DESAN 397R - Pitching for Film & Games**
**DESAN 450 - Advanced Life Drawing**
**DESAN 460 - Business and Ethics in Animation**
**DESAN 462 - Capstone: Animation Analysis**
**DESAN 486R - Developing Intellectual Properties in Animation**
**DESAN 497R - BFA Independent Film Production**
**DESAN 498R - Directed Studies in Animation**
**DESAN496R - Film Pre-Production**
**DESGD 145 - Design 1**
**DESGD 243 - Typography 1**
**DESGD 245 - Design 2**
**DESGD 248R - Letterpress Studio**
**DESGD 260 - Interface & Usability**
**DESGD 340 - Branding 1**
**DESGD 341 - 3-Dimensional Design**
**DESGD 343 - Typography 2**
**DESGD 346R - Practicum in Graphic Design**
**DESGD 349 - History of Graphic Design**
**DESGD 362 - Interactive Typographic Systems**
**DESGD 380 - Motion Design**
**DESGD 394R - Special Topics**
**DESGD 411R - Graphic Design Field Study**
**DESGD 440 - Branding 2**
**DESGD 441R - Design Lab**
**DESGD 442 - Portfolio**
**DESGD 460 - Interaction Design 2**

DESGD 488 - Studio Practices for Designers
DESGD 489 - BFA Capstone Project: Discovery
DESGD 490 - BFA Capstone Project: Research
DESGD 491R - Collaborative Design: Brand & Strategy
DESGD 497 - BFA Capstone Project: Implementation
DESGD 498R - Directed Studies in Graphic Design
DESIL 101 - Drawing and Composition
DESIL 130 - Illustration Fundamentals
DESIL 140 - Introduction to Digital Illustration
DESIL 230 - Painting Fundamentals
DESIL 240 - Intermediate Digital Illustration
DESIL 250 - Intermediate Life Drawing
DESIL 263 - Narrative Illustration
DESIL 330 - Conceptual Illustration
DESIL 340 - Three-Dimensional Digital Illustration
DESIL 350 - Advanced Life Drawing
DESIL 352 - Environment Design
DESIL 354 - Survey of Illustration History
DESIL 357 - Sketchbook
DESIL 358 - Character Design for Illustrators
DESIL 394R - Special Topics
DESIL 450 - Painting the Human Head
DESIL 451 - Senior Illustration Studio
DESIL 457R - Concept Design
DESIL 488 - Professional Practices for Illustrators
DESIL 490 - BFA Illustration Capstone Project: Research
DESIL 494R - Special Problems in Illustration
DESIL 497 - BFA Illustration Capstone Project: Implementation
DESIL 498R - Directed Studies in Illustration
DESPH 116 - Introduction to Photography and Digital Workflow
DESPH 120 - Conceptual Practices and Creative Exploration
DESPH 240 - Lighting 1
DESPH 250 - Lighting 2
DESPH 260 - Filmmaking 01
DESPH 270 - Introduction to Black and White Photography and Darkroom Techniques
DESPH 273 - Digital Imaging and Compositing
DESPH 276 - Visual Storytelling
DESPH 360 - Filmmaking 02
DESPH 370 - Survey of Applied Photography
DESPH 377R - Alternative Photographic Processes
DESPH 378 - Junior Portfolio
DESPH 379 - History of Photography
DESPH 394R - Special Topics
DESPH 410R - Computer Applications Studio for Photographers
DESPH 411R - Photographic Field Study
DESPH 475 - Location Photography
DESPH 477R - Nature Photography
DESPH 488 - Professional Practices for Photographers
DESPH 490 - BFA Capstone Project: Research
DESPH 494R - Special Problems in Photography
DESPH 497 - BFA Photography Capstone Project: Implementation
DESPH 498R - Directed Studies in Photography
DESPX 115 - Intro to Product & User Experience Design
DESPX 200 - Prototyping Processes and Materials
DESPX 210 - 3D Modeling Principles (CAD 1)
DESPX 214 - Manufacturing Materials & Processes
DESPX 220 - Product 1
DESPX 230R - Product Design Studio 1
DESPX 260 - User Experience 1: Interfaces & Usability
DESPX 261 - User Experience 2
DESPX 310 - Advanced 3D Modeling (CAD 2)
DESPX 330R - Product Design Studio 2
DESPX 338R - Field Study
DESPX 339 - History of Products
DESPX 365 - User Experience Research Methods
DESPX 388 - Professional Practice
DESPX 394R - Special Topics
DESPX 430R - Product Design Studio 3
DESPX 431R - Collaborative Design Projects
DESPX 461 - User Experience Portfolio
DESPX 489 - Collaborative UX Design: Discovery
DESPX 490 - Collaborative UX Design: Research
DESPX 497 - Collaborative UX Design: Implementation
DESPX 499R - Directed Studies
INDES 130 - Visual Literacy
INDES 132 - Form and Surface Development
INDES 231 - Visualization & Presentation Methods
INDES 233 - Presentation Methods for Industrial Design 2
INDES 300 - Advanced Prototyping Processes and Materials
INDES 331R - Presentation Methods for Industrial Design 3
INDES 341 - Technology Interface Studies for Industrial Design 1
INDES 399R - Professional Internship
INDES 440 - Graphics Studies for Industrial Design 2
INDES 494R - Special Problems in Design
INDES 495R - Global Engineering Outreach Projects
INDES 497R - BFA Final Project

## Music, School of Department



# Music

School of Music

## Administration

**Director**: Diane Thueson Reich

**Department Information:**

3209 MB

801-422-8903

music@byu.edu

WEBSITE

**Advisement Center:**

1190 WCCB

801-422-3777

cfacadvise@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

Enrollment in the School of Music's degree programs is limited. Prospective majors must pass an audition and be accepted into a studio. Please consult the General Information section below and visit the College Advisement Center for details.

# The Discipline

The School of Music celebrates musical artistry and understanding as core elements of the human experience, crucial components of a liberal education, and central aspects of a spiritual life.

In the School of Music, students learn self-expression and self-discipline through rigorous practice and passionate performance. They develop an acute sensitivity for collaboration and artistic cooperation through intensive ensemble work. In the study of music theory and history, students learn to hear and appreciate various musical languages, distinguish nuances of style, and discern the connections between musical developments and their cultural contexts.

Students learn in a variety of situations: private lessons, small seminars, multimedia labs, ensembles, recitals, and lectures. They are encouraged to participate actively in the vibrant musical environment of the School of Music by attending concerts, lectures, and workshops and by contributing to a student culture of independently motivated artistic engagement. These experiences foster a holistic approach that embraces academic rigor, artistic intuition, creative ambition, physical grace, and expressive eloquence.

In pursuit of the university's spiritual aims, students learn the divinity inherent in creativity and the devotion expressed by the nurturing of one's craft.

# Career Opportunities

The School of Music leads its students toward careers in performance, studio teaching, music education, media music production, recording and sound technology, arts management, music journalism, composition, and other music-related professions. Because the music curriculum is rigorous, it is also an excellent pre-professional course of study for those interested in fields as diverse as law, business, library science, or medicine. Whatever degrees one obtains, however, an education in music pertains not only to earning a living through the art but also using the art to enhance one’s satisfaction and joy in living.

# Faculty

The music faculty includes active performers, composers, music educators, conductors, theorists, historians, and media specialists who have chosen to mentor the next generation of musicians. They remain involved in their areas of specialization and are anxious to share the learning experience with students entrusted to their care. Many of the faculty have received prestigious recognition for their teaching scholarship, performance, composition, directing, or producing.

The School of Music maintains approximately 50 full-time and 65 part-time faculty who teach private instruction, ensembles, education, music theory, music history, commercial music, conducting, as well as other exciting areas of study.

# Facilities

The School of Music is housed in the Music Building, which includes a 1,000-seat concert hall, a 250-seat recital hall, a 200-seat choral hall, two large ensemble rooms, practice spaces, classrooms, a piano lab, an organ lab, a state-of-the-art digital recording studio, MIDI production studios, and an electronic music studio. Additional teaching studios for commercial music and music dance theater students are found in the Richard Building.

# General Information

1. The degree programs in the School of Music are Limited Enrollment Programs, meaning, first, they are HIGHLY competitive and selective, and second, they require an adherence to specific course paths in the first two years of study. Students who are successful in their application and audition and are admitted into one of the degree programs in the School of Music will be required to do the following in order to remain in the program:
    - Successfully complete the following courses in the first two years of study:

      Music 193, 195, 197 – To be taken all together in 1st semester

      Music 194, 196, 198 – To be taken all together in 2nd semester

      Music 293, 295, 297 – To be taken all together in 3rd semester

      Music 294, 296, 298 – To be taken all together in 4th semester
    - Begin the private lesson requirement, as specified by the degree program requirements, in the first semester and continue taking private lessons each semester until the requirement is fulfilled.
    - Begin the ensemble requirements, as specified by the degree program requirements and directed by the student's studio teacher, in the first semester and continue each semester until the requirement is fulfilled.

      Failure to follow the requirements listed above may result in dismissal from the degree program.
2. Admission applications to the School of Music must be received by December 1.
3. All entering students (including transfer students) must pass a performance audition on their major instrument (or voice). Live auditions are held on the last Saturday of January. Students who cannot attend the live audition and wish to be considered must submit a video recording, which must be received by the School of Music by the last Saturday in January. For further details, see the School of Music website (https://music.byu.edu).
4. All students who do not have a keyboard emphasis (piano or organ) must complete the piano proficiency requirement by the end of the sophomore year. Students may fulfill this requirement by (a) taking Music 221 and/or Music 222, or (b) taking the Piano Proficiency Exam. For more information, see https://music.byu.edu/resources/piano-proficiency-requirement.
5. Each student accepted as a music major must meet with the academic advisor in the College Advisement Center before the end of the first year.
6. Students who pass either part of the AP Music Test with at least a score of 4 should check with the College Advisement Center before registering for core courses.
7. All major performance instruction must be in the same instrument (or voice) with the following exceptions: Commercial Music and Composition students, with approval from their division coordinator, main studio teacher, and secondary studio teacher, may opt to fulfill a portion of their studio lesson requirement on a secondary instrument.
8. All students registered in Music 260R, 360R, or 460R must complete an examination before a faculty jury on their major instrument (or voice) near the end of each semester of performance study. (With the approval of the faculty, students may elect to substitute a juried public recital for a jury examination.) Students who wish to enter Music 360R or 460R (normally after the sophomore year) must first be granted approval

to do so by a faculty jury.

9. All students must fulfill the ensemble requirements of their individual degree programs as described below: Ensemble requirements are filled through a mixture of assigned "Category 1: Approved Large Ensembles" and "Category 2: Other Ensembles Approved for the Major" as listed in each degree program.

   Approved Category 1 ensembles include Music 312R: Men's Chorus, Music 313R: Women's Chorus, Music 314R: Concert Choir, Music 315R: University Singers, Music 325R: Symphonic Band, Music 326R: Wind Symphony, Music 337R: Symphony Orchestra, and Music 338R: Philharmonic Orchestra. Only one approved Category 1 ensemble per semester may count toward this requirement, and students may not enroll in more than two conducted or directed ensembles per semester. This ensemble assignment is determined by the student's major instrumental teacher or by choral audition, not by the student. For all BA or BM music students, the total ensemble requirement should be completed in consecutive semesters of enrollment beginning the freshman year.

   Please note:

   - Commercial Music and Composition students, with approval from their division coordinator and main studio teacher, may fulfill part of their Category 1 Ensemble requirement by auditioning and performing on a secondary instrument.
   - Students who play guitar or piano as their principal instrument may also count participation in Music 333R: Jazz Ensemble or Music 334R: Synthesis toward their Category 1 Ensemble requirement.
   - In certain circumstances, music majors may be allowed to count participation in the non-auditioned ensembles (Music 311R: University Chorale; Music 321R: University Orchestra; and Music 322R: University Band) toward their Category 1 requirement with permission from their respective studio teacher and the ensemble conductor.

10. All transfer students must have their previous university work in music evaluated by the appropriate BYU School of Music faculty members to determine what credits will be accepted in the transfer. (See the College Advisement Center for referrals.) We subscribe to the policy of the National Association of Schools of Music and carry no obligation to accept upper-division music credits from other member schools.

11. If a School of Music student receives an E grade twice in any one course within his or her major, the student will not be allowed to proceed in the major. Also, a registration hold will be placed on the student's record pending a meeting with an academic advisor to determine an alternative plan of study. Only in rare and extreme cases will the School of Music consider petitions to take a course a third time and have major status reinstated.

12. Students temporarily leaving the School of Music for a mission are required to file a deferment form with the university's Admissions Office and are encouraged to remain in contact with their studio teacher regarding their re-entry date. Students intending to enter the School of Music during the school year immediately following mission service are highly encouraged to apply and audition for admission to the School of Music prior to departure.

13. All School of Music students are expected to attend at least eight concerts and two School of Music-sponsored lectures each semester.

14. All School of Music students will be held to the standards outlined in the Professionalism Policy for Students.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

484601 - Music (Minor)
484620 - Music (BA) *
484622 - Music Composition (BM) *
484624 - Music Education: K-12 Instrumental (BM) *
484625 - Music Education (BM)*
484630 - Music Performance: Vocal (BM) *
484631 - Music Education: K-12 Choral (BM) *
484637 - Music Performance: Piano (BM) *
484638 - Music Performance: Organ (BM) *
484639 - Music Performance: Combined Piano & Organ (BM) *
484647 - Music Performance: Brass (BM) *
484648 - Music Performance: Percussion (BM) *
484649 - Music Performance: String (BM) *
484650 - Music Performance: Woodwind (BM) *
484657 - Commercial Music (BM) *

## Courses

MUSIC 100 - Music Fundamentals
MUSIC 101 - Introduction to Music
MUSIC 111R - Basic Vocal Skills
MUSIC 113 - Beginning Piano Techniques 1
MUSIC 114R - Beginning Piano Techniques 2
MUSIC 115 - Basic Organ Skills
MUSIC 116R - Organ Techniques and Literature
MUSIC 117 - Basic Guitar Skills
MUSIC 118R - Guitar Techniques and Literature
MUSIC 123 - Harp Preparation for Large Ensemble
MUSIC 135 - Basic Conducting
MUSIC 160R - Classical Voice
MUSIC 160R - Harp
MUSIC 160R - Viola
MUSIC 160R - Euphonium
MUSIC 160R - Oboe
MUSIC 160R - Piano
MUSIC 160R - Contemporary Voice
MUSIC 160R - Horn
MUSIC 160R - Harpsichord
MUSIC 160R - Organ
MUSIC 160R - Clarinet
MUSIC 160R - String Bass
MUSIC 160R - Guitar
MUSIC 160R - Trumpet
MUSIC 160R - Violin
MUSIC 160R - Cello
MUSIC 160R - Flute
MUSIC 160R - Percussion
MUSIC 160R - Trombone
MUSIC 160R - Tuba
MUSIC 160R - Saxophone
MUSIC 160R - Performance Instruction
MUSIC 160R - Carillon
MUSIC 160R - Performance Instruction: Music Technology Studio
MUSIC 160R - Bassoon
MUSIC 165 - Survey of the Great Pianists
MUSIC 166 - Organ Registration
MUSIC 176 - Careers in Music Education
MUSIC 186 - Songwriting 1
MUSIC 187R - Composition
MUSIC 193 - Aural Skills 1
MUSIC 194 - Aural Skills 2
MUSIC 195 - Music Theory 1
MUSIC 196 - Music Theory 2
MUSIC 197 - Sight Singing 1
MUSIC 198 - Sight Singing 2
MUSIC 201 - Civilization: Music 1
MUSIC 202 - Civilization: Music 2
MUSIC 203 - World Music Cultures
MUSIC 204 - Introduction to Jazz
MUSIC 221 - Functional Piano Skills 1
MUSIC 222 - Functional Piano Skills 2
MUSIC 223 - Jazz Harp Techniques
MUSIC 235A - Instrumental Conducting Techniques.
MUSIC 235B - Choral Conducting Techniques
MUSIC 249 - Sophomore Recital
MUSIC 251 - Music Technology 1
MUSIC 252 - Music Technology 2
MUSIC 256 - Recording Studio 1
MUSIC 257 - Recording Studio 2
MUSIC 259 - Psychology of Performance
MUSIC 260R - Performance Instruction: Piano
MUSIC 260R - Performance Instruction: Violin
MUSIC 260R - Performance Instruction: Saxophone
MUSIC 260R - Performance Instruction: Horn
MUSIC 260R - Performance Instruction: Flute
MUSIC 260R - Performance Instruction: Organ
MUSIC 260R - Performance Instruction
MUSIC 260R - Performance Instruction: Trombone
MUSIC 260R - Performance Instruction: Harp
MUSIC 260R - Performance Instruction: Bassoon
MUSIC 260R - Performance Instruction: Trumpet
MUSIC 260R - Performance Instruction: Guitar
MUSIC 260R - Performance Instruction: Cello
MUSIC 260R - Performance Instruction: Tuba
MUSIC 260R - Performance Instruction: Contemporary Voice
MUSIC 260R - Performance Instruction: Harpsichord
MUSIC 260R - Performance Instruction: Clarinet
MUSIC 260R - Performance Instruction: Euphonium
MUSIC 260R - Performance Instruction: Viola
MUSIC 260R - Performance Instruction: String Bass
MUSIC 260R - Performance Instruction: Classical Voice
MUSIC 260R - Performance Instruction: Oboe
MUSIC 260R - Performance Instruction: Music Technology Studio
MUSIC 260R - Performance Instruction: Percussion
MUSIC 261 - MDT Vocal Technique 2
MUSIC 262R - Diction Lab 1: English
MUSIC 262R - Diction Lab 1: German
MUSIC 262R - Diction Lab 1
MUSIC 262R - Diction Lab 1: Italian
MUSIC 262R - Diction Lab 1: French
MUSIC 264 - Keyboard Foundations 1
MUSIC 265 - Keyboard Foundations 2

MUSIC 271 - Musicality in the Elementary School
MUSIC 272 - Developing Children's Musicality, Grades K--2
MUSIC 273A - Percussion Techniques
MUSIC 273B - Percussion Techniques
MUSIC 276 - Introduction to Music Education
MUSIC 278 - Foundations of Music Teaching and Learning
MUSIC 280R - Topics in Music
MUSIC 281 - Foundations of Teaching Children Music
MUSIC 282 - Foundations of Teaching Vocalists in Ensembles
MUSIC 283 - Foundations of Teaching Instrumentalists in Ensembles
MUSIC 284 - Jazz Improvisation 1
MUSIC 286 - Introduction to the Music Business
MUSIC 287 - Electronic Music Composition
MUSIC 288 - Composition 2
MUSIC 293 - Aural Skills 3
MUSIC 294 - Aural Skills 4
MUSIC 295 - Music Theory 3
MUSIC 296 - Music Theory 4
MUSIC 297 - Sight Singing 3
MUSIC 298 - Sight Singing 4
MUSIC 300 - Music Theatre in Contemporary Culture
MUSIC 301 - History of Western Music: Overview
MUSIC 302 - History of Western Music: Baroque
MUSIC 303 - History of Western Music: Classic
MUSIC 304 - History of Western Music: Romantic
MUSIC 305 - History of Western Music: 20th and 21st Centuries
MUSIC 306 - Classical Music in Popular Culture
MUSIC 307 - World Music
MUSIC 308 - History of Jazz
MUSIC 309 - Vocal Techniques for Choir Men
MUSIC 310 - Community Engagement & Leadership in Music
MUSIC 311R - University Chorale
MUSIC 312R - Men's Chorus.
MUSIC 313R - Women's Chorus.
MUSIC 314R - Concert Choir
MUSIC 315R - University Singers
MUSIC 316R - Opera Workshop
MUSIC 317R - Opera Ensemble
MUSIC 319R - Baroque Ensemble
MUSIC 320R - BYU Studio Orchestra
MUSIC 321R - University String Orchestra.
MUSIC 321R - University Orchestra
MUSIC 322R - University Band
MUSIC 323R - Marching Band
MUSIC 324R - Cougar Band
MUSIC 325R - Symphonic Band
MUSIC 326R - Wind Symphony
MUSIC 327R - Percussion Chamber Music
MUSIC 328 - Script, Movement and Score Analysis
MUSIC 329R - Folk Ensemble
MUSIC 330R - Steel Band
MUSIC 331R - Jazz Combos
MUSIC 332R - Show Band
MUSIC 333R - Jazz Lab Band
MUSIC 333R - Vocal Jazz Ensemble
MUSIC 333R - Jazz Ensemble
MUSIC 334R - Synthesis
MUSIC 335R - Jazz Legacy Band
MUSIC 336R - Balinese Gamelan
MUSIC 337R - Symphony Orchestra
MUSIC 338R - Philharmonic Orchestra
MUSIC 339R - Chamber Orchestra
MUSIC 340R - Harp Ensemble
MUSIC 341R - Brass Choir
MUSIC 341R - Trombone Choir
MUSIC 341R - Brass Ensemble
MUSIC 341R - Brass Chamber Music
MUSIC 343R - Guitar Ensemble
MUSIC 344R - Keyboard in Ensemble
MUSIC 344R - Musical Theater Accompaniment
MUSIC 345R - Percussion Ensemble
MUSIC 346R - String Chamber Music
MUSIC 347R - A Cappella Ensemble
MUSIC 348R - Woodwind Ensemble
MUSIC 348R - Saxophone Ensemble
MUSIC 348R - Flute Choir
MUSIC 348R - Woodwind Chamber Music
MUSIC 349 - Junior Recital
MUSIC 351 - Audio Applications 1.
MUSIC 352 - Audio Applications 2.
MUSIC 355R - Recording Workshop
MUSIC 359R - Performance Study
MUSIC 360R - Performance Instruction: Harp
MUSIC 360R - Performance Instruction: Flute
MUSIC 360R - Performance Instruction: Euphonium
MUSIC 360R - Performance Instruction: Clarinet
MUSIC 360R - Performance Instruction: Music Technology Studio
MUSIC 360R - Performance Instruction: Oboe
MUSIC 360R - Performance Instruction: Viola
MUSIC 360R - Performance Instruction: Harpsichord
MUSIC 360R - Performance Instruction: Trombone
MUSIC 360R - Performance Instruction: Trumpet
MUSIC 360R - Performance Instruction: Horn
MUSIC 360R - Performance Instruction: Saxophone
MUSIC 360R - Performance Instruction: Percussion
MUSIC 360R - Performance Instruction: Bassoon
MUSIC 360R - Performance Instruction
MUSIC 360R - Performance Instruction: Organ
MUSIC 360R - Performance Instruction: String Bass
MUSIC 360R - Performance Instruction: Piano
MUSIC 360R - Performance Instruction: Violin
MUSIC 360R - Performance Instruction: Contemporary Voice
MUSIC 360R - Performance Instruction: Cello
MUSIC 360R - Performance Instruction: Classical Voice
MUSIC 360R - Performance Instruction: Guitar
MUSIC 360R - Performance Instruction: Conducting
MUSIC 360R - Performance Instruction: Tuba
MUSIC 362R - Diction Lab 2: English
MUSIC 362R - Diction Lab 2: German
MUSIC 362R - Diction Lab 2
MUSIC 362R - Diction Lab 2: French
MUSIC 362R - Diction Lab 2: Italian
MUSIC 363 - Vocal Pedagogy
MUSIC 364 - Keyboard Pedagogy
MUSIC 365 - Piano Pedagogy
MUSIC 366 - Organ Pedagogy
MUSIC 367 - Woodwind Pedagogy
MUSIC 368 - Brass Pedagogy
MUSIC 369A - String Pedagogy: Violin and Viola
MUSIC 369B - String Pedagogy: Bass
MUSIC 369C - String Pedagogy: Cello
MUSIC 369D - String Pedagogy: Harp

MUSIC 369E - String Pedagogy: Guitar
MUSIC 370 - Musical Theater Pedagogy and Vocal Technique
MUSIC 378 - Music for the Elementary Classroom Teacher
MUSIC 379 - Pre-Student Teaching
MUSIC 380A - Techniques for Instrumental Music Educators: Voice
MUSIC 380B - Techniques for Music Educators: Brass
MUSIC 380C - Techniques for Music Educators: Clarinet, Flute, Saxophone
MUSIC 380D - Techniques for Music Educators: Bassoon, Oboe
MUSIC 380E - Techniques for Choral Music Educators: Percussion
MUSIC 380F - Techniques for Instrumental Music Educators: Percussion
MUSIC 380G - Techniques for Music Educators: Guitar
MUSIC 380H - Techniques for Music Educators: Orchestral Strings
MUSIC 381 - Art of Teaching Children Music in the Classroom
MUSIC 382 - Art of Teaching Vocalists in Ensembles
MUSIC 383 - Art of Teaching Instrumentalists in Ensembles
MUSIC 384 - Jazz Improvisation 2
MUSIC 386 - Songwriting 2
MUSIC 387R - Composition Seminar
MUSIC 388R - Advanced Composition
MUSIC 389 - Projects in Commercial Music
MUSIC 390R - Music Production Seminar
MUSIC 391 - Jazz Keyboard
MUSIC 394 - Jazz Styles and Analysis
MUSIC 395 - Form and Analysis
MUSIC 399R - Academic Internship
MUSIC 402A - Vocal Literature
MUSIC 403A - Piano Literature
MUSIC 403B - Piano Literature
MUSIC 404A - Organ Literature
MUSIC 404B - Organ Literature
MUSIC 406 - String Literature
MUSIC 423 - Harp Arranging and Transcribing
MUSIC 426 - Music Dance Theatre: Senior Performance Project
MUSIC 441R - New Music Ensemble
MUSIC 449 - Senior Recital
MUSIC 460R - Performance Instruction: Guitar
MUSIC 460R - Performance Instruction: Euphonium
MUSIC 460R - Performance Instruction: Cello
MUSIC 460R - Performance Instruction: Organ
MUSIC 460R - Performance Instruction: Horn
MUSIC 460R - Performance Instruction: Percussion
MUSIC 460R - Performance Instruction: Flute
MUSIC 460R - Performance Instruction: Saxophone
MUSIC 460R - Performance Instruction: Oboe
MUSIC 460R - Performance Instruction: String Bass
MUSIC 460R - Performance Instruction: Trumpet
MUSIC 460R - Performance Instruction: Bassoon
MUSIC 460R - Performance Instruction: Piano
MUSIC 460R - Performance Instruction
MUSIC 460R - Performance Instruction: Trombone
MUSIC 460R - Performance Instruction: Viola
MUSIC 460R - Performance Instruction: Conducting
MUSIC 460R - Performance Instruction: Woodwinds
MUSIC 460R - Performance Instruction: Strings
MUSIC 460R - Performance Instruction: Voice
MUSIC 460R - Performance Instruction: Tuba
MUSIC 460R - Performance Instruction: Harp
MUSIC 460R - Performance Instruction: Clarinet
MUSIC 460R - Performance Instruction: Brass and Percussion
MUSIC 460R - Performance Instruction: Harpsichord
MUSIC 460R - Performance Instruction: Violin
MUSIC 462R - Orchestral Excerpts: Viola
MUSIC 462R - Orchestral Excerpts: Cello
MUSIC 462R - Orchestral Excerpts: Woodwinds
MUSIC 462R - Orchestral Excerpts: Harp
MUSIC 462R - Orchestral Excerpts: Bass
MUSIC 462R - Orchestral Excerpts: Violin
MUSIC 462R - Orchestral Excerpts: Brass
MUSIC 465A - Organ Practicum
MUSIC 465B - Organ Practicum
MUSIC 465C - Organ Practicum
MUSIC 467 - String Teaching Practicum: Harp.
MUSIC 467 - String Teaching Practicum: Bass.
MUSIC 467 - String Teaching Practicum: Guitar.
MUSIC 467 - String Teaching Practicum
MUSIC 467 - String Teaching Practicum: Viola.
MUSIC 467 - String Teaching Practicum: Violin
MUSIC 467 - String Teaching Practicum: Cello.
MUSIC 468 - Jazz Pedagogy
MUSIC 470R - Keyboard Teaching Practicum: Piano
MUSIC 470R - Keyboard Teaching Practicum
MUSIC 470R - Keyboard Teaching Practicum: Organ
MUSIC 472 - Supervised Teaching in Voice
MUSIC 476 - Secondary Student Teaching
MUSIC 480R - Advanced Topics in Music
MUSIC 481 - Orchestration 1
MUSIC 482 - Choral Arranging
MUSIC 483 - Counterpoint
MUSIC 484 - Media Orchestration
MUSIC 485 - Jazz Arranging and Composition
MUSIC 486 - Commercial Music Capstone Project
MUSIC 489 - Film Scoring
MUSIC 490 - BA Music Capstone
MUSIC 494R - Independent Readings
MUSIC 495R - Commercial Music Special Projects
MUSIC 500 - Musical Research Techniques
MUSIC 501 - Music Education Research Techniques
MUSIC 503 - Aesthetics
MUSIC 505A - Applied Literature: Percussion Literature
MUSIC 505A - Applied Literature: String Literature
MUSIC 505A - Applied Literature
MUSIC 505A - Applied Literature: Brass Literature
MUSIC 505A - Applied Literature: Organ Literature
MUSIC 505A - Applied Literature: Woodwind Literature
MUSIC 505A - Applied Literature: Vocal Literature
MUSIC 505A - Applied Literature: Piano Literature
MUSIC 505B - Advanced Applied Literature: Vocal Literature
MUSIC 505B - Advanced Applied Literature: Woodwind Literature
MUSIC 505B - Advanced Applied Literature: Organ Literature
MUSIC 505B - Advanced Applied Literature: Brass Literature
MUSIC 505B - Advanced Applied Literature: Piano Literature
MUSIC 505B - Advanced Applied Literature
MUSIC 505B - Advanced Applied Literature: Percussion Literature
MUSIC 505B - Advanced Applied Literature: String Literature
MUSIC 506 - Choral Literature 1
MUSIC 507 - Choral Literature 2
MUSIC 508 - Orchestra Literature 1
MUSIC 509 - Orchestra Literature 2
MUSIC 510 - Band Literature
MUSIC 511 - Oratorio Literature for Solo Voice

MUSIC 532R - Score Preparation and Conducting: Instrumental
MUSIC 533R - Choral Conducting and Development
MUSIC 534R - Score Preparation and Direction: Jazz
MUSIC 535R - Instrumental Conducting and Error Detection
MUSIC 560R - Performance Instruction
MUSIC 560R - Performance Instruction: Percussion
MUSIC 560R - Performance Instruction: Woodwind
MUSIC 560R - Performance Instruction: Voice
MUSIC 560R - Performance Instruction: Harpsichord
MUSIC 560R - Performance Instruction: Brass
MUSIC 560R - Performance Instruction: Organ
MUSIC 560R - Performance Instruction: Piano
MUSIC 560R - Performance Instruction: Conducting
MUSIC 560R - Performance Instruction: String
MUSIC 570 - Music for Elementary School Teachers
MUSIC 571 - Elementary Education Music Pedagogy
MUSIC 575R - Summer Music Workshops and Clinics
MUSIC 576 - Fundamentals and Techniques of the Marching Band
MUSIC 580R - Topics in Music
MUSIC 581 - Orchestration 2
MUSIC 583 - Sixteenth-Century Counterpoint
MUSIC 587R - Composition
MUSIC 591 - Advanced Topics in Keyboard Harmony
MUSIC 595 - Score Analysis
MUSIC 596 - Schenkerian Analysis
MUSIC 599R - Academic Internship

# Theatre and Media Arts, Department of Department

# Theatre and Media Arts

Department of Theatre and Media Arts

## Administration

**Chair**: Megan Sanborn Jones

**Department Information:**

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FACULTY

# Admission to Degree Program

Several degree programs—Acting, Media Arts (major and minor), Music Dance Theatre, and Theatre Education in the Department of Theatre and Media Arts are limited enrollment and have an application process. The Theatre Arts Studies programs (major and minor) are open enrollment. Please see the college advisement center for specific details at their website https://advisement.cfac.byu.edu/ or by phone at 801-422-3777.

# The Discipline

BYU's theatre programs—Theatre Arts Studies, Theatre Arts Education, Acting, and Music Dance Theatre—invite students to explore the possibilities theatre provides for artistry, collaboration, and service. The programs emphasize the balance between practical theatre training and critical engagement. They provide extensive opportunities for production in classroom settings, workshops, and fully-mounted productions both at BYU and at external venues.

The BYU Media Arts Studies program is designed to educate students on a foundation of film history, theory, and criticism, along with fundamental production competencies. Possible areas of emphasis include critical studies, fiction production and non-fiction production.

## Mission Statement

The mission of the Department of Theatre and Media Arts is to promote literacy, creativity and spirituality by exploring their interrelatedness in the arts of theatre and media, in an effort to illuminate and confirm truth and the infinite potential of the human soul, as authored by the Savior Jesus Christ.

## Career Opportunities

The Theatre programs provide training and experience in all areas of theatre, from performing to playwriting, from teaching to technical production.

The Media Arts Studies program provides a foundation and basic experience in analyzing, conceptualizing, writing, directing, and collaboratively producing nonfiction, fiction, and new media. For skill development and specialization, students may select an area of study from the following: critical studies, fiction production, or non-fiction production.

For an area of interest study list, contact the advisement center or the department office.

## General Information

1. Students interested in the **Media Arts Studies major** should declare the Media Arts Studies pre-major under the Change Major link in MyMAP. *Declaring the Media Arts Studies pre-major does not guarantee entrance into the Media Arts Studies program, which is a limited enrollment program.* An application is required for entrance into the major and minor programs. Students applying to the Media Arts Studies program must have completed or be enrolled in TMA 102 and TMA 187 at the time they submit their application. See the media arts program description for details.
2. The **Theatre Arts Studies major (or minor)** is an open enrollment program. Students interested in general theatre studies, dramaturgy, playwriting, directing, stage management, critical studies, or design and technology (costume, lighting, makeup, scenic, or sound), should declare the theatre arts studies major (or minor), under the Change Major link in MyMAP.
3. Students interested in the **Theatre Arts Education major** should declare the Theatre Arts Education pre-major under the Change Major link in MyMAP. *Declaring the pre-major does not guarantee entrance into the theatre arts education program.* Students must fulfill particular requirements for entrance. See program description for details.
4. Students interested in **BFA acting** should declare the Acting pre-major under the Change Major link in MyMAP. *Declaring the pre-major does not guarantee entrance into the BFA program, which is a limited enrollment program.* Students must fulfill particular requirements for entrance. See program description for details.
5. Students interested in **Music Dance Theatre (MDT)** should declare the MDT pre-major under the Change Major link in MyMAP. *Declaring the MDT pre-major does not guarantee entrance into the MDT program, which is a limited enrollment program.* Students must fulfill particular requirements for entrance. See program description for details.
6. Students interested in the **Animation** limited enrollment program should contact the Design Department for application requirements.

## Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**485903 - Media Arts Studies (Minor) ***
**485932 - Media Arts Studies (BA) ***
**485936 - Theatre Arts Education K-12 (BA)**
**487121 - Music Dance Theatre (BFA) ***
**485905 - Theatre Arts Studies (Minor)**
**485934 - Theatre Arts Studies (BA)**
**485937 - Acting (BFA) ***

## Courses

**MDT 161 - Voice Technique 1**
**MDT 221 - Musical Theatre Performance**
**MDT 229 - Musical Scene Study**
**MDT 290 - Music Theory for MDT Majors**
**MDT 300 - Musical Theatre History**
**MDT 328 - Performance Seminar**
**MDT 361 - Choreographic Styles**
**MDT 426 - BFA Senior Showcase**
**TMA 100 - Introduction to Visual Literacy**
**TMA 102 - Introduction to Film**
**TMA 104 - New Media Tools**
**TMA 105 - Using Basic Media Tools**
**TMA 110 - Media Arts Experience**
**TMA 111 - Performance Matters**
**TMA 114 - Reading and Constructing Narratives**
**TMA 115 - Introduction to Performance Studies**
**TMA 122 - Voice Production and Phonetics 1**
**TMA 123 - Acting Fundamentals**
**TMA 125 - Yoga and Alexander Technique**
**TMA 127 - Beginning Stage Combat**
**TMA 128 - Acting 1: BFA or Pre-BFA**
**TMA 140 - Script Analysis**
**TMA 170R - Practicum: Television**
**TMA 184R - Practicum: Cinematic Skills**
**TMA 185 - Basic Media Production**
**TMA 187 - Production Management: Beginning**
**TMA 199R - Academic Internship: Media**
**TMA 199R - Academic Internship: Theatre**
**TMA 199R - Academic Internship**
**TMA 201 - Dramatic Performance: Antiquity to Renaissance**
**TMA 202 - Dramatic Performance: Renaissance to the Present**
**TMA 215R - Special Projects 1**
**TMA 215R - Special Projects 1: Media.**
**TMA 215R - Special Projects 1: Theatre**
**TMA 220R - Workshop 1: Acting**
**TMA 222 - Voice Production and Phonetics 2**
**TMA 223 - Acting Improvisation**
**TMA 224 - Acting for Film and TV**
**TMA 225 - Neutral Mask**
**TMA 227 - Acting Explorations**
**TMA 228 - Acting 2**
**TMA 240 - Playmaking**
**TMA 241 - Screenwriting 1**
**TMA 251 - Playwriting 1**
**TMA 252 - Puppetry**
**TMA 256 - Stage Management 1**
**TMA 257 - Storytelling**
**TMA 258 - Theatre Drafting**
**TMA 259 - Principles of Design for Stage**
**TMA 260R - Theatre Production**
**TMA 261 - Writing for Animation**
**TMA 264 - Theatre Lighting 1**
**TMA 266 - Principles of Stage Craft**
**TMA 267 - Principles of Makeup**
**TMA 270R - Practicum: Television**
**TMA 273 - Beginning Non-Fiction and New Media Storytelling**
**TMA 274 - Advanced Film Production - Non-Fiction: Pre-Production**
**TMA 276 - Exploration of Teaching Theatre**
**TMA 277 - New Media Conceptualization**
**TMA 284R - Practicum: Cinematic Skills**
**TMA 291 - Media Arts History 1**
**TMA 292 - Media Arts History 2**
**TMA 293 - History of Documentary and Nonfiction Film**
**TMA 294 - History of Animation**
**TMA 299R - Academic Internship: Theatre**
**TMA 299R - Academic Internship**
**TMA 299R - Academic Internship: Media**
**TMA 302 - Studies in British Theatre Performance**
**TMA 303R - International Studies in Film & Culture**
**TMA 315R - Special Projects 2: Theatre**
**TMA 315R - Special Projects 2: Assistant Stage Managers**
**TMA 315R - Special Projects 2**
**TMA 315R - Special Projects 2: Media.**
**TMA 315R - Special Projects 2: Young Company Teaching Artists.**
**TMA 316 - Theatre and Media Arts Instruction: Media**
**TMA 316 - Theatre and Media Arts Instruction**
**TMA 316 - Theatre and Media Arts Instruction: Theatre**
**TMA 318 - Approaches to Screen Directing**
**TMA 321 - Voice Over**
**TMA 322 - Classical Voice**
**TMA 323R - Kennedy Center American College Theatre Festival**
**TMA 324 - Acting Classics**
**TMA 325 - Stage Combat**
**TMA 326R - Divine Comedy**
**TMA 329 - Theatre and Film Acting Conservatory**
**TMA 330R - Assistant Directing**
**TMA 331 - Directing Narrative Literature**
**TMA 336 - Stage Directing 1: Principles and Practices**

**TMA 341R - Screenwriting 2**
**TMA 342 - Screenwriting 2: Writers Room**
**TMA 351 - Playwriting 2**
**TMA 352 - Drama in the Elementary Classroom**
**TMA 355 - Acting Pedagogy**
**TMA 356R - Stage Management 2 - Assistant Stage Management**
**TMA 360R - Theatre Production 3: Scenery/Props.**
**TMA 360R - Theatre Production 3: Costume/Makeup.**
**TMA 360R - Theatre Production 3**
**TMA 360R - Theatre Production 3: Lights/Sound.**
**TMA 362 - Costume Design.**
**TMA 363 - Scenic Design**
**TMA 364 - Lighting Design**
**TMA 365 - Sound Design**
**TMA 366R - Production Topics**
**TMA 367 - Makeup Design**
**TMA 368 - Scenic Art**
**TMA 369R - Design Practicum**
**TMA 369R - Design and Technology Projects 1: Assistant Stage Managers.**
**TMA 369R - Design and Technology Projects 1: Young Ambassadors.**
**TMA 370R - Practicum: Television**
**TMA 372R - Media Collaboration**
**TMA 374 - Advanced Film Production - Non-Fiction: Production**
**TMA 375 - Creative Drama**
**TMA 377B - Theatre Methods and Instruction: Secondary Curriculum**
**TMA 377C - Theatre Methods and Instruction: Applied Theatre**
**TMA 377D - Theatre Methods and Instruction: Elementary Curriculum**
**TMA 378R - New Media Producing and Directing**
**TMA 379R - Design Studio**
**TMA 380 - Production Dramaturgy**
**TMA 384R - Practicum: Cinematic Skills**
**TMA 387 - Production Management: Advanced**
**TMA 388R - Media Arts Crew**
**TMA 389R - Producing Symposium**
**TMA 391 - Introduction to Media Arts Theory**
**TMA 392 - Children's Media**
**TMA 394 - Intermediate Nonfiction Production**
**TMA 395 - Dramatic Literature 1**
**TMA 396 - TMA 396 - Dramatic Literature 2**
**TMA 399R - Academic Internship: Theatre.**
**TMA 399R - Academic Internship**
**TMA 399R - Academic Internship: Media.**
**TMA 410 - Acting Capstone**
**TMA 411 - Future Performance**
**TMA 416R - Teaching Assistant Credit: Theatre**
**TMA 416R - Teaching Assistant Credit: Media**
**TMA 416R - Teaching Assistant Credit**
**TMA 418 - Advanced Visual Storytelling**
**TMA 420R - Performance Workshop 2**
**TMA 422 - Dialects**
**TMA 423R - Advanced Kennedy Center American College Theatre Festival**
**TMA 424 - Advanced Acting**
**TMA 425 - Character Mask**
**TMA 427 - Auditions**
**TMA 428 - Acting Practicum**
**TMA 429 - Performance: Recital**
**TMA 436 - Stage Directing 2: Advanced Directing Practicum**
**TMA 441R - Screenwriting 3**
**TMA 443R - Writer/Dramaturg/Actor Workshop**
**TMA 451R - Playwriting 3**
**TMA 455R - Theatre Tour**
**TMA 457 - Media in the Contemporary Classroom**
**TMA 458 - Media Literacy Education**
**TMA 460 - Portfolio**
**TMA 462 - History of Costume**
**TMA 463 - Production Design**
**TMA 465 - Sound Reinforcement**
**TMA 467R - Makeup for Media**
**TMA 468R - Specialty Costumes**
**TMA 469 - Theatre Management**
**TMA 473R - Advanced Film Production - Fiction: Preproduction**
**TMA 474R - Advanced Film Production - Non-Fiction: Post-Production**
**TMA 475R - Advanced Film Production - Fiction: Production & Postproduction**
**TMA 476 - Secondary Student Teaching**
**TMA 477R - Issues in Media Arts**
**TMA 479R - Advanced Design: Makeup**
**TMA 479R - Advanced Design**
**TMA 479R - Advanced Design: Lighting**
**TMA 479R - Advanced Design: Scenic**
**TMA 479R - Advanced Design: Sound**
**TMA 479R - Advanced Techniques in Stage Management**
**TMA 479R - Advanced Design: Costumes**
**TMA 480R - Special Topics in Theatre Research**
**TMA 483 - New Play Dramaturgy**
**TMA 484R - Advanced Special Projects**
**TMA 485R - Dramaturgy Practicum**
**TMA 489R - Production Leads**
**TMA 491 - Ethics, Aesthetics, and Theology**
**TMA 492R - Media Arts Genres**
**TMA 494 - Transcendence: Religion and Film**
**TMA 496R - Academic Internship: Theatre.**
**TMA 496R - Academic Internship: Media.**
**TMA 496R - Academic Internship**
**TMA 497 - Media as a Mirror of Our Times**
**TMA 498R - Special Topics in Media Arts**
**TMA 515R - Special Projects 3**
**TMA 515R - Special Projects 3: Media.**
**TMA 515R - Special Projects 3: Theatre.**
**TMA 536R - Special Projects in Directing**
**TMA 551R - Playwriting 4**
**TMA 590R - Master Seminar**
**TMA 599R - Academic Internship**
**TMA 599R - Academic Internship: Media**
**TMA 599R - Academic Internship: Theatre.**

## Asian and Near Eastern Languages, Department of Department

# Asian and Near Eastern Languages

Department of Asian and Near Eastern Languages

## Administration

**Chair**: Richard D McBride

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FACULTY

# Admission to Degree Program

All degree programs in the Department of Asian and Near Eastern Languages are open enrollment. Some special limitations apply for teaching minors.

# The Discipline

The many countries of Asia and the Near East are among the oldest civilizations in the world. The study of the languages and cultures of these nations gives students access to some of the richest and most varied traditions of thought, belief, and behavior to be found. A large percentage of the vast, essentially non-Christian segment of the world's population resides in these two zones: Asia—with its diverse heritage of belief in Hinduism, Buddhism, Taoism, Confucianism, and other systems of thought—continues to retain its "exotic" image for most Westerners, even though many nations in the region are at the forefront of contemporary politics and economics. The Near East, birthplace of Christianity, Judaism, and Islam, remains a little-understood, often stereotyped area of considerable economic, strategic, and religious importance today.

The languages of these regions are themselves generally difficult, with complex writing systems that require diligent study. But exposure to these languages and the cultures they express will enable students to look at the world from new perspectives and deepen their understanding of peoples whose history and practices are widely divergent from their own.

Courses in the department equip students with verbal and written facility in the languages of their chosen area, whereas linguistics courses offer an understanding of how the languages are structured and acquired. A study of the literature reveals old and sophisticated traditions no less important than that of English or any other major language.

Majors are available in Chinese, Japanese, and Korean, and a second major in Arabic. Students can obtain a minor in Arabic, Biblical Hebrew, and Modern Hebrew. Each discipline is briefly described below.

## Arabic (second major program)

Arabic study at BYU stresses facility in speaking a colloquial dialect and fluency in reading the press. The program is designed to supplement the Middle East Studies/Arabic major which prepares students for government-, agency-, and NGO-related work. The second major program, which is conceived as a supplement to the Middle East Studies/Arabic major, aims to push students' reading and speaking ability in the direction of the superior level.

## Chinese

The study of Chinese accesses the literature, thought, culture, and society of the world's largest population with the longest cultural continuum; moreover, since the civilizations of Japan, Korea, and Vietnam are founded on traditional Chinese Confucianism, a major in Chinese opens up much of the wider world of modern Asia. You will communicate in spoken and written Mandarin, gain skills in analyzing and appreciating both traditional and modern literature, acquire effective research strategies, and learn to write clearly and persuasively. All the personal enrichment and interpersonal understanding that results from a liberal arts education in the humanities is offered through the study of Chinese.

## Hebrew

The BYU Hebrew program offers courses and minor degrees in both Biblical Hebrew and Modern Hebrew. Biblical Hebrew students develop appreciation for the Hebrew Bible and competence to read prose and poetry. The program is designed to provide students with habits of study so that they may enjoy a life-long exploration of the Hebrew Bible. Students of Modern Hebrew gain access to the spoken language of the State of Israel and, through it, to Jews throughout the world. The Modern Hebrew program emphasizes the ability to speak and understand Modern Hebrew, to analyze Israeli literature and media, and to appreciate the cultural dynamics of the language.

## Japanese

The study of Japanese at the university level will provide students an opportunity to develop high level communication skills to acquire a greater understanding of Japan and its people. Additionally, students will be introduced to the rich cultural heritage of Japan in literature and the other arts. The study of Japanese language and literature will introduce students to many of the major aspects of that heritage, while providing the kind of training in language and cultural skills that will prepare students to undertake careers in a wide variety of fields.

## Korean

Korean is a difficult language, and at BYU we emphasize reading and writing the language as well as speaking and listening. Basic course work emphasizes linguistic skill and the language’s literary value and tradition.

# Career Opportunities

Students who major or minor in the languages and cultures of Asia and the Near East will find that, as will any other humanities-centered course of study, they have been well provided with tools to communicate both in the target language and in English and have broadened and deepened their knowledge of the region of their choice. Career options are many and varied for such students, but those who do not plan to continue on in the academic study of the language are strongly urged to consider a second major or a strong minor in a practical field that can be combined with their language skills. In today's competitive world, language ability alone no longer provides the advantage it once offered on the job market. Students are urged to consult the College of Humanities Advisement Center, Career Placement Services, and their academic advisors for the best ways to make use of their language as they begin to seek employment.

## Arabic

Graduates of our program find jobs in government agencies (the State Department, intelligence, the military), NGOs, and in international business. Many students use their Middle East Studies/Arabic major, or Arabic minor, as preparation for applying to MBA programs, law school, and medical or dental school.

## Chinese

Chinese majors have all of the advantages of the liberal arts graduate (who claims effective communication and interpersonal skills) with the added edge of knowing the language and culture behind a leading world economy. Therefore, graduates enter the work force in a wide variety of occupations, such as journalism, insurance, business, travel, investment, and government service. They not only are marketable as trained linguists, translators, and cultural advisors, but are vigorously recruited as personnel managers and business representatives by companies with overseas interests. Graduates are also highly competitive in applying to professional schools for medicine, dentistry, law, and business.

### Hebrew

Many students who minor in Biblical Hebrew major in Ancient Near Eastern Studies; some students continue on to earn Masters and Ph.D degrees. Eventually they are prepared to enter the academic field in a university setting, in seminary and institute programs of the Church Educational System, as independent researchers, or in related fields. Students who minor in Modern Hebrew will find the degree to be an asset if seeking jobs in government agencies (intelligence, State Department, military), international business, or the academic field.

### Japanese

In recent years, graduates from the Japanese major at BYU have gone on to law, engineering, computer, or MBA programs, while others have continued on to medical, dental, and other professional schools. A few have pursued graduate work in a variety of academic fields at some of the most prestigious universities in the country. Others have gone directly to work in government service, in the military, and in American or Japanese business firms where their language ability and cultural background are in high demand. Some also pursue careers in translation or language teaching.

### Korean

Most of the jobs available for students with a Korean major are in government (NSA, CIA, FBI, etc.), but Korean majors also have all the advantages of a liberal arts degree. Many of our graduates go on to professional schools, law, business, or medicine. Korean is an excellent complement, either as a major or minor, to studies in prelaw, political science, accounting, English, international relations, and many other majors available on campus. Korean is an important language in the world of diplomacy and defense, as well as the world of international business. (Korea is the eighth largest trading partner of the U.S.) Our graduates have been hired by the U.S. government and by U.S., international, and Korean businesses. They work in technical areas as well, involving everything from computers to broadcasting to medicine.

## General Information

The Department of Asian and Near Eastern Languages strongly recommends that StDev 317, a 1-credit-hour course, be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

## Language Credit by Examination

?Credit by examination is available for many lower-division courses of the above-listed languages. Enrollment in an advanced class is prerequisite to taking the examination.

The following languages are not taught on a regular basis but may be offered if sufficient demand exists. Credit by examination is available for some of the Near Eastern languages listed below.

- Akkadian
- Aramaic
- Egyptian
- Persian (Farsi)
- Syriac
- Turkish
- Ugaritic

## Language Certificate Program

The Language Certificate Program is available in Arabic, Chinese, Japanese, and Korean for all matriculated BYU students who are pursuing any BYU undergraduate degree. A student who meets the proficiency and course requirements may earn the Language Certificate. The proficiency requirement is met through the nationally recognized ACTFL Oral and Writing Proficiency Exams.

The Language Certificate Program is administered by the Center for Language Studies (3086 JFSB). For more information and course requirements, visit http://languagecertificate.byu.edu.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

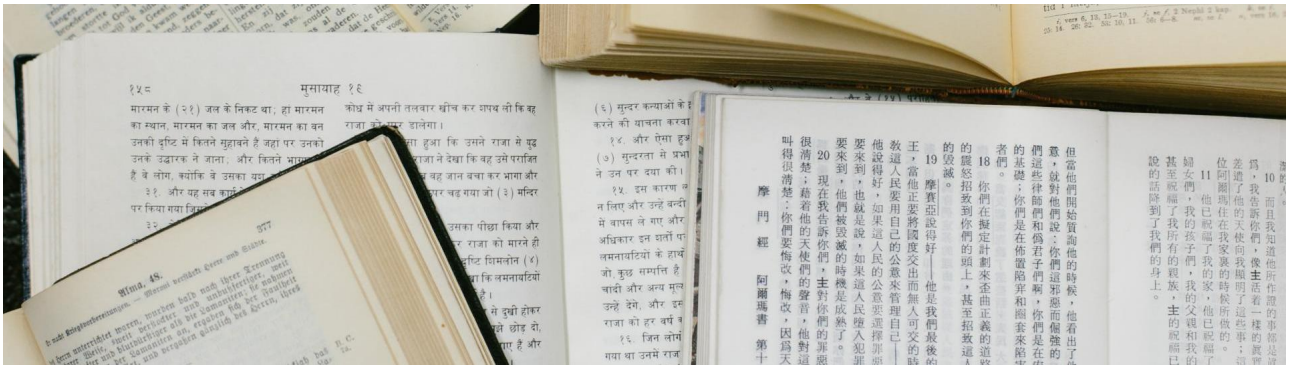
**552002 - Chinese (Minor)**
**552003 - Chinese Teaching (Minor)**
**552004 - Japanese (Minor)**
**552005 - Japanese Teaching (Minor)**
**552006 - Korean (Minor)**
**552007 - Biblical Hebrew (Minor)**
**552008 - Modern Hebrew (Minor)**
**552020 - Chinese (BA)**
**552021 - Japanese (BA)**
**552022 - Korean (BA)**
**552027 - Arabic (Minor)**
**552028 - Arabic Language (BA)**

## Courses

**ARAB 100R - Introduction to Arabic**
**ARAB 101 - First-Year Arabic**
**ARAB 102 - First-Year Arabic**
**ARAB 201 - Second-Year Arabic**
**ARAB 202 - Intermediate Arabic**
**ARAB 211R - Second-Year Conversation**
**ARAB 221R - Standard Arabic Tutorial**
**ARAB 222R - Spoken Arabic Tutorial**
**ARAB 223R - Arabic Grammar Review**
**ARAB 300 - Advanced Modern Standard Arabic**
**ARAB 302 - Newspaper Arabic**
**ARAB 311R - Third-Year Conversation**
**ARAB 331 - Spoken Arabic**
**ARAB 361 - Introduction to Modern Arabic Literature in Translation**
**ARAB 362 - Introduction to Medieval Arabic Literature in Translation**
**ARAB 377 - Arabic Language Teaching Methods**
**ARAB 411R - Advanced Formal Arabic Conversation and Rhetorical Skills**
**ARAB 421R - Fourth-Year Arabic Writing Tutorial**
**ARAB 422R - Advanced Spoken Arabic**
**ARAB 423R - Current Events in Arabic**
**ARAB 424R - Modern Arabic Literature**
**ARAB 425R - Classical Arabic Texts**
**ARAB 426R - Advanced Arabic Grammar**
**ARAB 427 - Arab Women Authors**
**ARAB 490R - Independent Readings**
**ARAB 495R - Directed Studies in Arabic**
**ARAB 531R - Advanced Topics in Arabic**
**CANT 101 - First-Year Cantonese**
**CANT 102 - First-Year Cantonese**
**CANT 201 - Second-Year Cantonese**
**CANT 202 - Second-Year Cantonese**
**CANT 211R - Second-Year Conversation**
**CHIN 101 - Beginning Mandarin**
**CHIN 102 - Beginning Mandarin**
**CHIN 112 - Beginning Chinese Reading**
**CHIN 200R - Chinese Calligraphy**
**CHIN 201 - Intermediate Mandarin**
**CHIN 202 - Intermediate Mandarin**
**CHIN 211R - Intermediate Conversation**
**CHIN 301 - Third-Year Mandarin**
**CHIN 302 - Third-Year Mandarin**
**CHIN 311R - Advanced Conversation**
**CHIN 321 - Selected Readings of Modern Chinese**
**CHIN 322 - Selected Readings of Modern Chinese.**
**CHIN 325 - Structure of Chinese**
**CHIN 326 - Introduction to Chinese Linguistics**

CHIN 327 - Chinese Translation and Interpretation
CHIN 342 - Chinese Film in Translation
CHIN 343 - Chinese Literature in Translation--Poetry.
CHIN 344 - Chinese Literature in Translation--Prose
CHIN 345R - Chinese Culture
CHIN 346 - Introduction to Chinese Philosophy
CHIN 347 - Business Chinese
CHIN 377 - Chinese Language Teaching Procedures
CHIN 399R - Academic Internship
CHIN 411 - Speaking and Listening Mastery
CHIN 441 - Classical and Literary Chinese
CHIN 442 - Classical and Literary Chinese
CHIN 443 - Modern Chinese Literature
CHIN 444 - Contemporary Chinese Literature
CHIN 445R - Chinese Poetry
CHIN 477R - Secondary Minor Student Teaching
CHIN 490R - Individual Study in Chinese
CHIN 495 - Senior Seminar for Majors
CHIN 599R - Academic Internship
HEB 100R - Introduction to Hebrew
HEB 101 - First-Year Modern Hebrew 1
HEB 102 - First-Year Modern Hebrew 2
HEB 131 - First-Year Biblical Hebrew
HEB 132 - First-Year Biblical Hebrew
HEB 201 - Second-Year Modern Hebrew 1
HEB 202 - Second-Year Modern Hebrew 2
HEB 211R - Hebrew Conversation
HEB 231 - Second-Year Biblical Hebrew - Grammar and Narrative
HEB 232 - Second-Year Biblical Hebrew - Narrative 2
HEB 301 - Third-Year Modern Hebrew 1
HEB 302 - Third-Year Modern Hebrew 2
HEB 311R - Intermediate Conversation
HEB 312 - Hebrew Media
HEB 313 - Readings in the Old Testament
HEB 314R - Intermediate Hebrew Language in Jerusalem
HEB 321 - Intermediate Conversation and Media
HEB 331 - Third-Year Biblical Hebrew - Prophecy and Poetry 1
HEB 332 - Third-Year Biblical Hebrew - Prophecy and Poetry 2
HEB 341R - Studies in Hebrew Culture
HEB 346R - Israeli and Jewish Civilization
HEB 411R - Advanced Conversation
HEB 421 - Readings in the Hebrew Translation of the New Testament
HEB 432R - Ancient Hebrew Texts
HEB 441 - Postbiblical Hebrew: Mishnah
HEB 490R - Individual Study in Hebrew
JAPAN 101 - First-Year Japanese
JAPAN 102 - First-Year Japanese
JAPAN 201 - Second-Year Japanese
JAPAN 202 - Second-Year Japanese
JAPAN 211R - Second-Year Conversation
JAPAN 301 - Japanese Reading and Culture
JAPAN 302 - Readings in Japanese History and Culture
JAPAN 311R - Advanced Oral Communication
JAPAN 321 - Advanced Japanese 1: Current Events
JAPAN 322 - Advanced Japanese 2: Modern Literature
JAPAN 325 - Structure of Japanese
JAPAN 326 - Japanese Language in Society
JAPAN 345 - Japanese Culture
JAPAN 350 - Japanese Literature in Translation--Eighth Through Sixteenth Centuries
JAPAN 351 - Japanese Literature in Translation--Seventeenth Through Nineteenth Centuries.
JAPAN 352 - Japanese Literature in Translation: The Modern Era
JAPAN 377 - Japanese Language Teaching Procedures
JAPAN 390 - Japanese Business Language
JAPAN 398R - Experience in Professional Japanese
JAPAN 399R - Academic Internship
JAPAN 411 - Toward Superior Oral Communication
JAPAN 441 - Introduction to Classical Japanese
JAPAN 443 - Toward Superior Japanese 1: Current Events
JAPAN 444 - Toward Superior Japanese 2: Modern Literature
JAPAN 446R - Special Topics in Japanese
JAPAN 477R - Secondary Minor Student Teaching
JAPAN 490R - Individual Study in Japanese
JAPAN 495 - Senior Seminar
JAPAN 599R - Academic Internship
KOREA 101 - First-Year Korean 1
KOREA 102 - First-Year Korean 2
KOREA 201 - Second-Year Korean 1
KOREA 202 - Second-Year Korean 2
KOREA 211R - Second-Year Conversation
KOREA 301 - Third-Year Korean 1
KOREA 302 - Third-Year Korean 2
KOREA 311R - Third-Year Conversation
KOREA 315 - Sino-Korean Character Workshop
KOREA 321 - Selected Readings of Modern Korean
KOREA 325 - Structure of Korean
KOREA 340 - Korean Literature to 1900
KOREA 343 - Premodern Korean Literature in Translation
KOREA 344 - Modern Korean Literature in Translation
KOREA 345 - Korean Culture
KOREA 346 - The Culture of North Korea Since 1945
KOREA 358R - Korean Religions and Culture
KOREA 377 - Korean Language Teaching Methods
KOREA 399R - Academic Internship
KOREA 401 - Fourth-Year Korean 1
KOREA 402 - Fourth-Year Korean 2
KOREA 441 - Classical Korean (Hanmun)
KOREA 443 - Korean Literature after 1900
KOREA 490R - Individual Study in Korean
KOREA 491 - Senior Proficiency Evaluation
KOREA 495 - Senior Seminar
NE LG 321R - Studies in Modern Near Eastern Languages
NE LG 340 - Ancient Near Eastern Mythology.
NE LG 345 - Texts and Ancient Temples
NE LG 495 - Senior Seminar in Near Eastern Studies
NE LG 511R - Akkadian
NE LG 511R - Studies in Ancient Near Eastern Languages
NE LG 511R - Coptic
NE LG 511R - Egyptian
NE LG 511R - Aramaic
NE LG 511R - Ugaritic
NE LG 511R - Syriac
NE LG 521R - Near Eastern Mythology
NE LG 521R - Special Topics in Ancient Near Eastern Literature
NE LG 521R - Texts and Temples

## Language Studies, Center for Department



# Language Studies

Center for Language Studies

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FACULTY

## Programs

Translation and Localization

# General Information

The Center for Language Studies supports the College of Humanities by augmenting the list of languages taught at the university. Not all classes are taught at every level or every semester. Offerings are determined by languages taught by the Missionary Training Center (MTC), student demand, and the availability of a qualified instructor. **Please see the Class Schedule for a list of classes currently offered.**

The "teaching area" abbreviation for each language is listed below in parentheses.

# BYU

| | | |
|---|---|---|
| Afrikaans (AFRIK) | Hebrew (HEB) | Polish (POLSH) |
| Akan (AKAN) | Hindi (HINDI) | Portuguese (PORT) |
| Albanian (ALBAN) | Hmong (HMONG) | Quechua (QUECH) |
| American Sign Language (ASL) | Hungarian (HUNG) | Rarotongan (RAROT) |
| Arabic (ARAB) | Icelandic (ICLND) | Romanian (ROM) |
| Armenian (ARMEN) | Ilangot (ILANG) | Russian (RUSS) |
| Aymara (AYMRA) | Ilocano (ILOCN) | Samoan (SAMOA) |
| Basque (BASQ) | Ilonggo/Hiligaynon (HILIG) | Serbian (SRBIA) |
| Bicolano (BCLNO) | Indonesian (INDON) | Slovak (SLOVK) |
| Bulgarian (BULGN) | Italian (ITAL) | Slovenian (SLN) |
| Burmese (BURMS) | Japanese (JAPAN) | Spanish (SPAN) |
| Cakchiquel (CAKCQ) | Javanese (JAVNS) | Swahili (SWAHI) |
| Cambodian (CAMBO) | Kazakh (KAZAK) | Swedish (SWED) |
| Cantonese (CANT) | Kiribati (KIRIB) | Tagalog (TAGAL) |
| Catalan (CATLN) | K'iche' (KICHE) | Tahitian (TAHIT) |
| Cebuano (CEBU) | Korean (KOREA) | Taiwanese (TAIWN) |
| Croatian (CROAT) | Laotian (LAO) | Tamil (TAMIL) |
| Czech (CZECH) | Latin (LATIN) | Thai (THAI) |
| Danish (DANSH) | Latvian (LATVI) | Tibetan (TIBET) |
| Dari (DARI) | Lithuanian (LITHU) | Tongan (TONGA) |
| Dutch (DUTCH) | Malagasy (MALAG) | Trukese (TRUKS) |
| Estonian (ESTON) | Malay (MALAY) | Turkish (TURK) |
| Fijian (FIJI) | Mandarin (CHIN) | Twi (TWI) |
| Finnish (FINN) | Maori (MAORI) | Ukrainian (UKRAI) |
| French (FREN) | Marshallese (MARSH) | Urdu (URDU) |
| Ga (GA) | Maya (MAYA) | Vanuatau (VANTU) |
| Georgian (GEORG) | Mongolian (MONGO) | Vietnamese (VIET) |
| German (GERM) | Navajo (NAVAJ) | Waray-Waray (WARAY) |
| Greek (Classical/Modern) (GREEK) | Niuean (NIUEA) | Welsh (WELSH) |
| Guarani (GUARA) | Norwegian (NORWE) | Xhosa (XHOSA) |
| Haitian Creole (CREOL) | Pashto (PSHTO) | |
| Hawaiian (HAWAI) | Persian (PERSI) | |

# Advanced Language and Culture Courses

The advanced language and culture courses are a popular enrollment option for returned missionaries and others of comparable ability.

During these courses, students may be offered the opportunity to take a Challenge Exam whereby they may bypass beginning level language classes and earn up to 16 graded credits.

**Note:** If the course is not offered at the time the student is enrolled at BYU-Provo, the student has the option of taking the FLATS test through the Office of Digital Humanities on campus. This test offers 12 pass/fail credits. **Once the FLATS test is taken for pass/fail credit it may not be reevaluated for graded credit, *nor* may the Challenge Exam be taken at a later date.** (See http://flats.byu.edu for details.)

## Advanced language and culture courses for returned missionaries

(Note: The "teaching area" abbreviation for each language is listed below in parentheses.)

Albanian (ALBAN) 330
Armenian (ARMEN) 330
Bulgarian (BULGN) 330
Cambodian (CAMBO) 330
Cantonese (CANT) 201*, 202
Cebuano (CEBU) 330
Croatian (CROAT) 330
Czech (CZECH) 330
Danish (DANSH) 321*
Dutch (DUTCH) 330
Estonian (ESTON) 330
Fijian (FIJI) 330
Finnish (FINN) 321*
French (FREN) 321*
Georgian (GEORG) 330
German (GERM) 330
Haitian-Creole (CREOL) 330

Hindi (HINDI) 330
Hmong (HMONG) 330
Hungarian (HUNG) 330
Icelandic (ICLND) 429
Indonesian (INDON) 330
Italian (ITAL) 321*
Japanese (JAPAN) 301, 302
Kiribati (KIRIB) 330
Korean (KOREA) 301
Laotian (LAO) 330
Latvian (LATVI) 330
Lituanian (LITHU) 330
Malagasy (MALAG) 330
Malay (MALAY) 330
Mandarin Chinese (CHIN) 112, 201, 202
Mongolian (MONGO) 330
Norwegian (NORWE) 321*
Persian (PERSI) 330

Polish (POLSH) 330
Portuguese (PORT) 321
Romanian (ROM) 330
Russian (RUSS) 330
Samoan (SAMOA) 330
Serbian (SRBIA) 330
Slovak (SLOVK) 330
Slovene (SLN) 330
Spanish (SPAN) 321
Swedish (SWED) 321*
Tagalog (TAGAL) 330
Tahitian (TAHIT) 330
Thai (THAI) 330

Tongan (TONGA) 330
Turkish (TURK) 330
Ukrainian (UKRAI) 330
Vietnamese (VIET) 330

**Note:** Those advanced language and culture courses that are marked with an asterisk (*) DO NOT satisfy the Languages of Learning GE requirement.

# BYU Language Certificate Program

The Center for Language Studies administers the BYU Language Certificate program. This program is designed to certify a student's language proficiency (through oral and written assessments) as well as a limited academic experience (three courses are required).

We currently offer the Language Certificate in the following languages:

Arabic, Cebuano, Chinese, Danish, Dutch, Finnish, French, German, Haitian-Creole, Indonesian, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Spanish, Swedish, Tagalog, Thai, and Vietnamese.

Visit the website (certificate.byu.edu) to read about the program.

## Programs

**350102 - Dual-Language Immersion K-12 Teaching (Minor)**

**554904 - Translation and Localization (Minor)**

## Courses

**AFRIK 100 - Language Study: Afrikaans**
**AFRIK 101 - First-Year Afrikaans**
**AFRIK 102 - First-Year Afrikaans**
**AFRIK 201 - Second-Year Afrikaans**
**AFRIK 202 - Second-Year Afrikaans**
**AFRIK 211R - Second-Year Conversation**
**AFRIK 305 - Languages Skills Development: Afrikaans**
**AFRIK 311R - Third-Year Conversation**
**AFRIK 321 - Advanced Grammar: Afrikaans**
**AFRIK 330 - Advanced Language Proficiency Through Cultural Studies: Afrikaans**
**AFRIK 340 - Introduction to Literature: Afrikaans**
**AFRIK 350 - Advanced Language Study for Career Purposes: Afrikaans**
**AKAN 100 - Language Study: Akan**
**AKAN 101 - First-Year Language Study: Akan**
**AKAN 102 - First-Year Language Study: Akan**
**AKAN 201 - Second-Year Language Study: Akan**
**AKAN 202 - Second-Year Language Study: Akan**
**AKAN 305 - Language Skills Development: Akan**
**AKAN 321 - Advanced Grammar: Akan**
**AKAN 330 - Advanced Language Proficiency Through Cultural Studies: Akan**
**AKAN 340 - Introduction to Literature: Akan**
**AKAN 350 - Advanced Language Study for Career Purposes: Akan**
**ALBAN 100 - Language Study: Albanian**
**ALBAN 101 - First-Year Language Study: Albanian**
**ALBAN 102 - First-Year Language Study: Albanian**
**ALBAN 201 - Second-Year Language Study: Albanian**
**ALBAN 202 - Second-Year Language Study: Albanian**
**ALBAN 305 - Language Skills Development: Albanian**
**ALBAN 321 - Advanced Grammar: Albanian**
**ALBAN 330 - Advanced Language Proficiency Through Cultural Studies: Albanian**
**ALBAN 340 - Introduction to Literature: Albanian**
**ALBAN 350 - Advanced Language Study for Career Purposes: Albanian**
**ARMEN 100 - Language Study: Armenian**
**ARMEN 101 - First-Year Language Study: Armenian**
**ARMEN 102 - First-Year Language Study: Armenian**
**ARMEN 201 - Second-Year Language Study: Armenian**
**ARMEN 202 - Second-Year Language Study: Armenian**
**ARMEN 305 - Language Skills Development: Armenian**
**ARMEN 321 - Advanced Grammar: Armenian**
**ARMEN 330 - Advanced Language Proficiency Through Cultural Studies: Armenian**
**ARMEN 340 - Introduction to Literature: Armenian**
**ARMEN 350 - Advanced Language Study for Career Purposes: Armenian**
**ASL 101 - First-Year American Sign Language, Part 1**
**ASL 102 - First-Year American Sign Language, Part 2**
**ASL 111R - American Sign Language Basic Conversation**
**ASL 201 - Second-Year American Sign Language, Part 1**
**ASL 202 - Second-Year American Sign Language, Part 2**
**ASL 210 - ASL Fingerspelling and Numbering**
**ASL 211R - American Sign Language Intermediate Conversation**
**ASL 301 - Advanced American Sign Language and Culture**
**ASL 302 - Deaf Literature**
**ASL 305 - ASL Special Topics**
**ASL 311R - American Sign Language Advanced Conversation**
**ASL 320 - History of Modern Deaf Culture**
**ASL 330 - Advanced Language Proficiency through Cultural Studies: ASL**
**ASL 431 - Introduction to American Sign Language Linguistics**
**ASL 431 - Interpreting 1**
**ASL 432 - Exploration of American Sign Language Interpreting**
**AYMRA 100 - Language Study: Aymara**
**AYMRA 101 - First-Year Language Study: Aymara**
**AYMRA 102 - First-Year Language Study: Aymara**
**AYMRA 201 - Second-Year Language Study: Aymara**
**AYMRA 202 - Second-Year Language Study: Aymara**
**AYMRA 305 - Language Skills Development: Aymara**

AYMRA 321 - Advanced Grammar: Aymara

AYMRA 330 - Advanced Language Proficiency Through Cultural Studies: Aymara

AYMRA 340 - Introduction to Literature: Aymara

AYMRA 350 - Advanced Language Study for Career Purposes: Aymara

AZER 100 - Language Study: Azerbaijani

AZER 101 - First-Year Language Study: Azerbaijani

AZER 102 - First-Year Language Study: Azerbaijani

AZER 201 - Second-Year Language Study: Azerbaijani

AZER 202 - Second-Year Language Study: Azerbaijani

AZER 305 - Language Skills Development: Azerbaijani

AZER 330 - Advanced Language Proficiency Through Cultural Studies: Azerbaijani

AZER 340 - Introduction to Literature: Azerbaijani

AZER 350 - Advanced Language Study for Career Purposes: Azerbaijani

BASQ 100 - Language Study: Basque

BASQ 101 - First-Year Language Study: Basque

BASQ 102 - First-Year Language Study: Basque

BASQ 201 - Second-Year Language Study: Basque

BASQ 202 - Second-Year Language Study: Basque

BASQ 305 - Language Skills Development: Basque

BASQ 321 - Advanced Grammar: Basque

BASQ 330 - Advanced Language Proficiency Through Cultural Studies: Basque

BASQ 340 - Introduction to Literature: Basque

BASQ 350 - Advanced Language Study for Career Purposes: Basque

BCLNO 100 - Language Study: Bicolano

BCLNO 101 - First-Year Language Study: Bicolano

BCLNO 102 - First-Year Language Study: Bicolano

BCLNO 201 - Second-Year Language Study: Bicolano

BCLNO 202 - Second-Year Language Study: Bicolano

BCLNO 305 - Language Skills Development: Bicolano

BCLNO 321 - Advanced Grammar: Bicolano

BCLNO 330 - Advanced Language Proficiency Through Cultural Studies: Bicolano

BCLNO 340 - Introduction to Literature: Bicolano

BCLNO 350 - Advanced Language Study for Career Purposes: Bicolano

BULGN 100 - Language Study: Bulgarian

BULGN 101 - First-Year Bulgarian

BULGN 102 - First-Year Bulgarian

BULGN 201 - Second-Year Bulgarian

BULGN 211R - Second-Year Conversation

BULGN 305 - Language Skills Development: Bulgarian

BULGN 321 - Advanced Grammar: Bulgarian

BULGN 330 - Cultural History of Bulgaria

BULGN 340 - Introduction to Literature: Bulgarian

BULGN 350 - Advanced Language Study for Career Purposes: Bulgarian

BURMS 100 - Language Study: Burmese

BURMS 101 - First-Year Language Study: Burmese

BURMS 102 - First-Year Language Study: Burmese

BURMS 201 - Second-Year Language Study: Burmese

BURMS 202 - Second-Year Language Study: Burmese

BURMS 305 - Language Skills Development: Burmese

BURMS 321 - Advanced Grammar: Burmese

BURMS 330 - Advanced Language Proficiency Through Cultural Studies: Burmese

BURMS 340 - Introduction to Literature: Burmese

BURMS 350 - Advanced Language Study for Career Purposes: Burmese

CAKCQ 100 - Language Study: Cakchiquel

CAKCQ 101 - First-Year Language Study: Cakchiquel

CAKCQ 102 - First-Year Language Study: Cakchiquel

CAKCQ 201 - Second-Year Language Study: Cakchiquel

CAKCQ 202 - Second-Year Language Study: Cakchiquel

CAKCQ 305 - Language Skills Development: Cakchiquel

CAKCQ 321 - Advanced Grammar: Cakchiquel

CAKCQ 330 - Advanced Language Proficiency Through Cultural Studies: Cakchiquel

CAKCQ 340 - Introduction to Literature: Cakchiquel

CAKCQ 350 - Advanced Language Study for Career Purposes: Cakchiquel

CATLN 100 - Language Study: Catalan

CATLN 101 - First-Year Language Study: Catalan

CATLN 102 - First-Year Language Study: Catalan

CATLN 201 - Second-Year Language Study: Catalan

CATLN 202 - Second-Year Language Study: Catalan

CATLN 305 - Language Skills Development: Catalan

CATLN 321 - Advanced Grammar: Catalan

CATLN 330 - Advanced Language Proficiency Through Cultural Studies: Catalan

CATLN 340 - Introduction to Literature: Catalan

CATLN 350 - Advanced Language Study for Career Purposes: Catalan

CEBU 100 - Language Study: Cebuano

CEBU 101 - First-Year Language Study: Cebuano

CEBU 102 - First-Year Language Study: Cebuano

CEBU 201 - Second-Year Language Study: Cebuano

CEBU 202 - Second-Year Language Study: Cebuano

CEBU 305 - Language Skills Development: Cebuano

CEBU 321 - Advanced Grammar: Cebuano

CEBU 330 - Advanced Language Proficiency Through Cultural Studies: Cebuano

CEBU 340 - Introduction to Literature: Cebuano

CEBU 350 - Advanced Language Study for Career Purposes: Cebuano

CREOL 100 - Language Study: Haitian-Creole

CREOL 101 - First-Year Language Study: Haitian-Creole

CREOL 102 - First-Year Language Study: Haitian-Creole

CREOL 201 - Second-Year Language Study: Haitian-Creole

CREOL 202 - Second-Year Language Study: Haitian-Creole

CREOL 305 - Language Skills Development: Haitian-Creole

CREOL 321 - Advanced Grammar: Haitian-Creole

CREOL 330 - Advanced Language Proficiency Through Cultural Studies: Haitian Creole

CREOL 340 - Introduction to Literature: Haitian-Creole

CREOL 350 - Advanced Language Study for Career Purposes: Haitian-Creole

CROAT 100 - Language Study: Croatian

CROAT 101 - First-Year Language Study: Croatian

CROAT 102 - First-Year Language Study: Croatian

CROAT 201 - Second-Year Language Study: Croatian

CROAT 202 - Second-Year Language Study: Croatian

CROAT 305 - Language Skills Development: Croatian

CROAT 321 - Advanced Grammar: Croatian

CROAT 330 - Advanced Language Proficiency Through Cultural Studies: Croatian

CROAT 340 - Introduction to Literature: Croatian

CROAT 350 - Advanced Language Study for Career Purposes: Croatian

CZECH 100 - Language Study: Czech

CZECH 101 - First-Year Czech
CZECH 102 - First-Year Czech
CZECH 201 - Second-Year Czech
CZECH 211R - Second-Year Conversation
CZECH 305 - Language Skills Development: Czech
CZECH 321 - Advanced Grammar: Czech
CZECH 330 - Cultural History of Czech Republic
CZECH 340 - Introduction to Literature: Czech
CZECH 350 - Advanced Language Study for Career Purposes: Czech
DANSH 101 - First-Year Danish
DANSH 102 - First-Year Danish
DANSH 201 - Second-Year Danish
DANSH 202 - Second Year Danish
DANSH 321 - Advanced Danish
DANSH 399R - Academic Internship
DARI 100 - Language Study: Dari
DARI 101 - First-Year Language Study: Dari
DARI 102 - First-Year Language Study: Dari
DARI 201 - Second-Year Language Study: Dari
DARI 202 - Second-Year Language Study: Dari
DARI 305 - Language Skills Development: Dari
DARI 321 - Advanced Grammar: Dari
DARI 330 - Advanced Language Proficiency Through Cultural Studies: Dari
DARI 340 - Introduction to Literature: Dari
DARI 350 - Advanced Language Study for Career Purposes: Dari
DUTCH 100 - Language Study: Dutch
DUTCH 101 - First-Year Dutch
DUTCH 102 - First-Year Dutch
DUTCH 201 - Second-Year Dutch
DUTCH 211R - Second-Year Conversation
DUTCH 305 - Language Skills Development: Dutch
DUTCH 311R - Third-Year Conversation
DUTCH 321 - Advanced Grammar: Dutch
DUTCH 330 - Advanced Language Proficiency Through Cultural Studies: Dutch
DUTCH 340 - Introduction to Dutch Literature
DUTCH 350 - Advanced Language Study for Career Purposes: Dutch
ESTON 100 - Language Study: Estonian
ESTON 101 - First-Year Language Study: Estonian
ESTON 102 - First-Year Language Study: Estonian
ESTON 201 - Second-Year Language Study: Estonian
ESTON 202 - Second-Year Language Study: Estonian
ESTON 305 - Language Skills Development: Estonian
ESTON 321 - Advanced Grammar: Estonian
ESTON 330 - Advanced Language Proficiency Through Cultural Studies: Estonian
ESTON 340 - Introduction to Literature: Estonian
ESTON 350 - Advanced Language Study for Career Purposes: Estonian
FIJI 100 - Language Study: Fijian
FIJI 101 - First-Year Language Study: Fijian
FIJI 102 - First-Year Language Study: Fijian
FIJI 201 - Second-Year Language Study: Fijian
FIJI 202 - Second-Year Language Study: Fijian
FIJI 305 - Language Skills Development: Fijian
FIJI 321 - Advanced Grammar: Fijian
FIJI 330 - Advanced Language Proficiency Through Cultural Studies: Fijian
FIJI 340 - Introduction to Literature: Fijian
FIJI 350 - Advanced Language Study for Career Purposes: Fijian
FINN 101 - First-Year Finnish
FINN 102 - First-Year Finnish
FINN 201 - Second-Year Finnish
FINN 202 - Second Year Finnish
FINN 321 - Third-Year Finnish
FINN 340 - Finnish Literature
FLANG 100R - Language Study
FLANG 101R - First-Year Language Study
FLANG 102R - First-Year Language Study
FLANG 201R - Second-Year Language Study
FLANG 202R - Second-Year Language Study
FLANG 211R - Intermediate Conversation
FLANG 276 - Exploration of Teaching Foreign Languages
FLANG 300 - Foundations of Dual Language and Immersion Education
FLANG 301 - Content-Based Curriculum, Instruction, and Assessment in Dual Language Immersion Classrooms
FLANG 302 - Biliteracy Development in Dual Language Immersion Classrooms
FLANG 305R - Language Skills Development
FLANG 311R - Advanced Conversation
FLANG 321R - Advanced Grammar
FLANG 330R - Advanced Language Proficiency Through Cultural Studies
FLANG 340R - Introduction to Literature
FLANG 350R - Advanced Language Study for Career Purposes
FLANG 377R - Foreign Language Teaching Methods
FLANG 477R - Dual Language Immersion K-12 Student Teaching
FLANG 490R - Special Studies in Second Language Applications
GA 100 - Language Study: Ga
GA 101 - First-Year Language Study: Ga
GA 102 - First-Year Language Study: Ga
GA 201 - Second-Year Language Study: Ga
GA 202 - Second-Year Language Study: Ga
GA 305 - Language Skills Development: Ga
GA 321 - Advanced Grammar: Ga
GA 330 - Advanced Language Proficiency Through Cultural Studies: Ga
GA 340 - Introduction to Literature: Ga
GA 350 - Advanced Language Study for Career Purposes: Ga
GEORG 100 - Language Study: Georgian
GEORG 101 - First-Year Language Study: Georgian
GEORG 102 - First-Year Language Study: Georgian
GEORG 201 - Second-Year Language Study: Georgian
GEORG 202 - Second-Year Language Study: Georgian
GEORG 305 - Language Skills Development: Georgian
GEORG 321 - Advanced Grammar: Georgian
GEORG 330 - Advanced Language Proficiency Through Cultural Studies: Georgian
GEORG 340 - Introduction to Literature: Georgian
GEORG 350 - Advanced Language Study for Career Purposes: Georgian
GUARA 100 - Language Study: Guarani
GUARA 101 - First-Year Language Study: Guarani
GUARA 102 - First-Year Language Study: Guarani
GUARA 201 - Second-Year Language Study: Guarani
GUARA 202 - Second-Year Language Study: Guarani
GUARA 305 - Language Skills Development: Guarani
GUARA 321 - Advanced Grammar: Guarani
GUARA 330 - Advanced Language Proficiency Through Cultural Studies: Guarani
GUARA 340 - Introduction to Literature: Guarani
GUARA 350 - Advanced Language Study for Career Purposes: Guarani
HAWAI 100 - Language Study: Hawaiian

HAWAI 101 - First-Year Language Study: Hawaiian
HAWAI 102 - First-Year Language Study: Hawaiian
HAWAI 201 - Second-Year Language Study: Hawaiian
HAWAI 202 - Second-Year Language Study: Hawaiian
HAWAI 305 - Language Skills Development: Hawaiian
HAWAI 321 - Advanced Grammar: Hawaiian
HAWAI 330 - Advanced Language Proficiency Through Cultural Studies: Hawaiian
HAWAI 340 - Introduction to Literature: Hawaiian
HAWAI 350 - Advanced Language Study for Career Purposes: Hawaiian
HILIG 100 - Language Study: Ilonggo/Hiligaynon
HILIG 101 - First-Year Language Study: Ilonggo/Hiligaynon
HILIG 102 - First-Year Language Study: Ilonggo/Hiligaynon
HILIG 201 - Second-Year Language Study: Ilonggo/Hiligaynon
HILIG 202 - Second-Year Language Study: Ilonggo/Hiligaynon
HILIG 305 - Language Skills Development: Ilonggo/Hiligaynon
HILIG 321 - Advanced Grammar: Ilonggo/Hiligaynon
HILIG 330 - Advanced Language Proficiency Through Cultural Studies: Ilonggo/Hiligaynon
HILIG 340 - Introduction to Literature: Ilonggo/Hiligaynon
HILIG 350 - Advanced Language Study for Career Purposes: Ilonggo/Hiligaynon
HINDI 100 - Language Study: Hindi
HINDI 101 - First-Year Language Study: Hindi
HINDI 102 - First-Year Language Study: Hindi
HINDI 201 - Second-Year Language Study: Hindi
HINDI 202 - Second-Year Language Study: Hindi
HINDI 305 - Language Skills Development: Hindi
HINDI 321 - Advanced Grammar: Hindi
HINDI 330 - Advanced Language Proficiency Through Cultural Studies: Hindi
HINDI 340 - Introduction to Literature: Hindi
HINDI 350 - Advanced Language Study for Career Purposes: Hindi
HMONG 100 - Language Study: Hmong
HMONG 101 - First-Year Language Study: Hmong
HMONG 102 - First-Year Language Study: Hmong
HMONG 201 - Second-Year Language Study: Hmong
HMONG 202 - Second-Year Language Study: Hmong
HMONG 305 - Language Skills Development: Hmong
HMONG 321 - Advanced Grammar: Hmong
HMONG 330 - Advanced Language Proficiency Through Cultural Studies: Hmong
HMONG 340 - Introduction to Literature: Hmong
HMONG 350 - Advanced Language Study for Career Purposes: Hmong
HUNG 100 - Language Study: Hungarian
HUNG 101 - First-Year Hungarian
HUNG 102 - First-Year Hungarian
HUNG 201 - Second-Year Hungarian
HUNG 211R - Second-Year Conversation
HUNG 305 - Language Skills Development: Hungarian
HUNG 321 - Advanced Grammar: Hungarian
HUNG 330 - Cultural History of Hungary
HUNG 340 - Introduction to Literature: Hungarian
HUNG 350 - Advanced Language Study for Career Purposes: Hungarian
ICLND 101 - First-Year Icelandic
ICLND 102 - First-Year Icelandic
ICLND 201 - Second-Year Icelandic
ICLND 202 - Second-Year Icelandic
ILANG 100 - Language Study: Ilangot
ILANG 101 - First-Year Language Study: Ilangot
ILANG 102 - First-Year Language Study: Ilangot
ILANG 201 - Second-Year Language Study: Ilangot
ILANG 202 - Second-Year Language Study: Ilangot
ILANG 305 - Language Skills Development: Ilangot
ILANG 321 - Advanced Grammar: Ilangot
ILANG 330 - Advanced Language Proficiency Through Cultural Studies: Ilangot
ILANG 340 - Introduction to Literature: Ilangot
ILANG 350 - Advanced Language Study for Career Purposes: Ilangot
ILOCN 100 - Language Study: Ilocano
ILOCN 101 - First-Year Language Study: Ilocano
ILOCN 102 - First-Year Language Study: Ilocano
ILOCN 201 - Second-Year Language Study: Ilocano
ILOCN 202 - Second-Year Language Study: Ilocano
ILOCN 305 - Language Skills Development: Ilocano
ILOCN 321 - Advanced Grammar: Ilocano
ILOCN 330 - Advanced Language Proficiency Through Cultural Studies: Ilocano
ILOCN 340 - Introduction to Literature: Ilocano
ILOCN 350 - Advanced Language Study for Career Purposes: Ilocano
INDON 100 - Language Study: Indonesian
INDON 101 - First-Year Language Study: Indonesian
INDON 102 - First-Year Language Study: Indonesian
INDON 201 - Second-Year Language Study: Indonesian
INDON 202 - Second-Year Language Study: Indonesian
INDON 305 - Language Skills Development: Indonesian
INDON 321 - Advanced Grammar: Indonesian
INDON 330 - Advanced Language Proficiency Through Cultural Studies: Indonesian
INDON 340 - Introduction to Literature: Indonesian
INDON 350 - Advanced Language Study for Career Purposes: Indonesian
JAVNS 100 - Language Study: Javanese
JAVNS 101 - First-Year Language Study: Javanese
JAVNS 102 - First-Year Language Study: Javanese
JAVNS 201 - Second-Year Language Study: Javanese
JAVNS 202 - Second-Year Language Study: Javanese
JAVNS 305 - Language Skills Development: Javanese
JAVNS 321 - Advanced Grammar: Javanese
JAVNS 330 - Advanced Language Proficiency Through Cultural Studies: Javanese
JAVNS 340 - Introduction to Literature: Javanese
JAVNS 350 - Advanced Language Study for Career Purposes: Javanese
KAZAK 100 - Language Study: Kazakh
KAZAK 101 - First-Year Language Study: Kazakh
KAZAK 102 - First-Year Language Study: Kazakh
KAZAK 201 - Second-Year Language Study: Kazakh
KAZAK 202 - Second-Year Language Study: Kazakh
KAZAK 305 - Language Skills Development: Kazakh
KAZAK 321 - Advanced Grammar: Kazakh
KAZAK 330 - Advanced Language Proficiency Through Cultural Studies: Kazakh
KAZAK 340 - Introduction to Literature: Kazakh

KAZAK 350 - Advanced Language Study for Career Purposes: Kazakh

KHMER 100 - Language Study: Khmer
KHMER 102 - First-Year Language Study: Khmer
KHMER 202 - Second-Year Language Study: Khmer
KHMER 321 - Advanced Grammar: Khmer

KHMER 340 - Introduction to Literature: Khmer
KICHE 100 - Language Study: K'iche
KICHE 102 - First-Year Language Study: K'iche
KICHE 202 - Second-Year Language Study: K'iche
KICHE 321 - Advanced Grammar: K'iche
KICHE 340 - Introduction to Literature: K'iche
KIRIB 100 - Language Study: Kiribati
KIRIB 102 - First-Year Language Study: Kiribati
KIRIB 202 - Second-Year Language Study: Kiribati
KIRIB 321 - Advanced Grammar: Kiribati
KIRIB 340 - Introduction to Literature: Kiribati
LAO 100 - Language Study: Lao
LAO 102 - First-Year Language Study: Lao
LAO 202 - Second-Year Language Study: Lao
LAO 321 - Advanced Grammar: Lao
LAO 340 - Introduction to Literature: Lao
LATVI 100 - Language Study: Latvian
LATVI 102 - First-Year Latvian
LATVI 202 - Second-Year Language Study: Latvian
LATVI 305 - Language Skills Development: Latvian
LATVI 330 - Cultural History of Latvia
LATVI 350 - Advanced Language Study for Career Purposes: Latvian
LITHU 101 - First-Year Lithuanian
LITHU 201 - Second-Year Lithuanian
LITHU 211R - Second-Year Conversation
LITHU 321 - Advanced Grammar: Lithuanian
LITHU 340 - Introduction to Literature: Lithuanian
M GRK 100 - Language Study: Modern Greek
M GRK 102 - First-Year Language Study: Modern Greek
M GRK 202 - Second-Year Language Study: Modern Greek
M GRK 321 - Advanced Grammar: Modern Greek

M GRK 340 - Introduction to Literature: Modern Greek
MALAG 100 - Language Study: Malagasy
MALAG 102 - First-Year Language Study: Malagasy
MALAG 202 - Second-Year Language Study: Malagasy
MALAG 321 - Advanced Grammar: Malagasy

MALAG 340 - Introduction to Literature: Malagasy
MALAY 100 - Language Study: Malay
MALAY 102 - First-Year Language Study: Malay
MALAY 202 - Second-Year Language Study: Malay
MALAY 321 - Advanced Grammar: Malay

MALAY 340 - Introduction to Literature: Malay
MAORI 100 - Language Study: Maori
MAORI 102 - First-Year Language Study: Maori
MAORI 202 - Second-Year Language Study: Maori
MAORI 321 - Advanced Grammar: Maori
MAORI 340 - Introduction to Literature: Maori
MARSH 100 - Language Study: Marshallese
MARSH 102 - First-Year Language Study: Marshallese
MARSH 202 - Second-Year Language Study: Marshallese

KEKCH 330 - Advanced Language Proficiency Through Cultural Studies: Kekchi
KHMER 101 - First-Year Language Study: Khmer
KHMER 201 - Second-Year Language Study: Khmer
KHMER 305 - Language Skills Development: Khmer
KHMER 330 - Advanced Language Proficiency Through Cultural Studies: Khmer
KHMER 350 - Advanced Language Study for Career Purposes: Khmer
KICHE 101 - First-Year Language Study: K'iche
KICHE 201 - Second-Year Language Study: K'iche
KICHE 305 - Language Skills Development: K'iche
KICHE 330 - Advanced Language Proficiency Through Cultural Studies: K'iche
KICHE 350 - Advanced Language Study for Career Purposes: K'iche
KIRIB 101 - First-Year Language Study: Kiribati
KIRIB 201 - Second-Year Language Study: Kiribati
KIRIB 305 - Language Skills Development: Kiribati
KIRIB 330 - Advanced Language Proficiency Through Cultural Studies: Kiribati
KIRIB 350 - Advanced Language Study for Career Purposes: Kiribati
LAO 101 - First-Year Language Study: Lao
LAO 201 - Second-Year Language Study: Lao
LAO 305 - Language Skills Development: Lao
LAO 330 - Advanced Language Proficiency Through Cultural Studies: Lao
LAO 350 - Advanced Language Study for Career Purposes: Lao
LATVI 101 - First-Year Latvian
LATVI 201 - Second-Year Latvian
LATVI 211R - Second-Year Conversation
LATVI 321 - Advanced Grammar: Latvian
LATVI 340 - Introduction to Literature: Latvian
LITHU 100 - Language Study: Lithuanian
LITHU 102 - First-Year Lithuanian
LITHU 202 - Second-Year Language Study: Lithuanian
LITHU 305 - Language Skills Development: Lithuanian
LITHU 330 - Cultural History of Lithuania.
LITHU 350 - Advanced Language Study for Career Purposes: Lithuanian
M GRK 101 - First-Year Language Study: Modern Greek
M GRK 201 - Second-Year Language Study: Modern Greek
M GRK 305 - Language Skills Development: Modern Greek
M GRK 330 - Advanced Language Proficiency Through Cultural Studies: Modern Greek
M GRK 350 - Advanced Language Study for Career Purposes: Modern Greek
MALAG 101 - First-Year Language Study: Malagasy
MALAG 201 - Second-Year Language Study: Malagasy
MALAG 305 - Language Skills Development: Malagasy
MALAG 330 - Advanced Language Proficiency Through Cultural Studies: Malagasy
MALAG 350 - Advanced Language Study for Career Purposes: Malagasy
MALAY 101 - First-Year Language Study: Malay
MALAY 201 - Second-Year Language Study: Malay
MALAY 305 - Language Skills Development: Malay
MALAY 330 - Advanced Language Proficiency Through Cultural Studies: Malay
MALAY 350 - Advanced Language Study for Career Purposes: Malay
MAORI 101 - First-Year Language Study: Maori
MAORI 201 - Second-Year Language Study: Maori
MAORI 305 - Language Skills Development: Maori
MAORI 330 - Advanced Language Proficiency Through Cultural Studies: Maori
MAORI 350 - Advanced Language Study for Career Purposes: Maori
MARSH 101 - First-Year Language Study: Marshallese
MARSH 201 - Second-Year Language Study: Marshallese
MARSH 305 - Language Skills Development: Marshallese

MARSH 321 - Advanced Grammar: Marshallese

MARSH 340 - Introduction to Literature: Marshallese
MAYA 100 - Language Study: Maya
MAYA 102 - First-Year Language Study: Maya
MAYA 202 - Second-Year Language Study: Maya
MAYA 321 - Advanced Grammar: Maya
MAYA 340 - Introduction to Literature: Maya
MONGO 100 - Language Study: Mongolian
MONGO 102 - First-Year Language Study: Mongolian
MONGO 202 - Second-Year Language Study: Mongolian
MONGO 321 - Advanced Grammar: Mongolian

MONGO 340 - Introduction to Literature: Mongolian
NAVAJ 100 - Language Study: Navajo
NAVAJ 102 - First-Year Language Study: Navajo
NAVAJ 202 - Second-Year Language Study: Navajo
NAVAJ 321 - Advanced Grammar: Navajo

NAVAJ 340 - Introduction to Literature: Navajo
NIUEA 100 - Language Study: Niuean
NIUEA 102 - First-Year Language Study: Niuean
NIUEA 202 - Second-Year Language Study: Niuean
NIUEA 321 - Advanced Grammar: Niuean

NIUEA 340 - Introduction to Literature: Niuean
NORWE 101 - First-Year Norwegian
NORWE 201 - Second-Year Norwegian
NORWE 321 - Advanced Norwegian
PERSI 100 - Language Study: Persian
PERSI 102 - First-Year Language Study: Persian
PERSI 202 - Second-Year Language Study: Persian
PERSI 321 - Advanced Grammar: Persian
PERSI 340 - Introduction to Literature: Persian
PLANG 270 - Introduction to the Language Industry
PLANG 399R - Translation & Localization Internship
PLANG 460 - Software Localization
PLANG 480 - Advanced Computer-Assisted Translation
PLANG 511 - Advanced Professional Language: Speaking
PLANG 530 - Receptive Language Skills: Domain Specialization
PLANG 551 - Superior Professional Language: Speaking
POLSH 100 - Language Study: Polish
POLSH 102 - First-Year Polish
POLSH 202 - Second-Year Polish
POLSH 305 - Language Skills Development: Polish
POLSH 321 - Advanced Grammar: Polish
POLSH 340 - Polish Literature Survey
PSHTO 100 - Language Study: Pashto
PSHTO 102 - First-Year Language Study: Pashto
PSHTO 202 - Second-Year Language Study: Pashto
PSHTO 321 - Advanced Grammar: Pashto

PSHTO 340 - Introduction to Literature: Pashto
QUECH 100 - Language Study: Quechua
QUECH 102 - First-Year Language Study: Quechua
QUECH 202 - Second-Year Language Study: Quechua
QUECH 321 - Advanced Grammar: Quechua

QUECH 340 - Introduction to Literature: Quechua
RAROT 100 - Language Study: Rarotongan
RAROT 102 - First-Year Language Study: Rarotongan

MARSH 330 - Advanced Language Proficiency Through Cultural Studies: Marshallese
MARSH 350 - Advanced Language Study for Career Purposes: Marshallese
MAYA 101 - First-Year Language Study: Maya
MAYA 201 - Second-Year Language Study: Maya
MAYA 305 - Language Skills Development: Maya
MAYA 330 - Advanced Language Proficiency Through Cultural Studies: Maya
MAYA 350 - Advanced Language Study for Career Purposes: Maya
MONGO 101 - First-Year Language Study: Mongolian
MONGO 201 - Second-Year Language Study: Mongolian
MONGO 305 - Language Skills Development: Mongolian
MONGO 330 - Advanced Language Proficiency Through Cultural Studies: Mongolian
MONGO 350 - Advanced Language Study for Career Purposes: Mongolian
NAVAJ 101 - First-Year Language Study: Navajo
NAVAJ 201 - Second-Year Language Study: Navajo
NAVAJ 305 - Language Skills Development: Navajo
NAVAJ 330 - Advanced Language Proficiency Through Cultural Studies: Navajo
NAVAJ 350 - Advanced Language Study for Career Purposes: Navajo
NIUEA 101 - First-Year Language Study: Niuean
NIUEA 201 - Second-Year Language Study: Niuean
NIUEA 305 - Language Skills Development: Niuean
NIUEA 330 - Advanced Language Proficiency Through Cultural Studies: Niuean
NIUEA 350 - Advanced Language Study for Career Purposes: Niuean
NORWE 102 - First-Year Norwegian
NORWE 202 - Second Year Norwegian
NORWE 340 - Norwegian Literature
PERSI 101 - First-Year Language Study: Persian
PERSI 201 - Second-Year Language Study: Persian
PERSI 305 - Language Skills Development: Persian
PERSI 330 - Advanced Language Proficiency Through Cultural Studies: Persian
PERSI 350 - Advanced Language Study for Career Purposes: Persian
PLANG 380 - Computer-Assisted Translation
PLANG 414 - Introduction to Translation
PLANG 470 - Web Localization
PLANG 505 - Professional Language Program Seminar
PLANG 520 - Advanced Professional Language: Reading & Writing
PLANG 540 - Professional Language: Project Management
PLANG 580 - Productive Language Skills: Domain Specialization
POLSH 101 - First-Year Polish
POLSH 201 - Second-Year Polish
POLSH 211R - Second-Year Conversation
POLSH 311R - Third-Year Conversation
POLSH 330 - Cultural History of Poland
POLSH 350 - Advanced Language Study for Career Purposes: Polish
PSHTO 101 - First-Year Language Study: Pashto
PSHTO 201 - Second-Year Language Study: Pashto
PSHTO 305 - Language Skills Development: Pashto
PSHTO 330 - Advanced Language Proficiency Through Cultural Studies: Pashto
PSHTO 350 - Advanced Language Study for Career Purposes: Pashto
QUECH 101 - First-Year Language Study: Quechua
QUECH 201 - Second-Year Language Study: Quechua
QUECH 305 - Language Skills Development: Quechua
QUECH 330 - Advanced Language Proficiency Through Cultural Studies: Quechua
QUECH 350 - Advanced Language Study for Career Purposes: Quechua
RAROT 101 - First-Year Language Study: Rarotongan
RAROT 201 - Second-Year Language Study: Rarotongan

RAROT 202 - Second-Year Language Study: Rarotongan
RAROT 321 - Advanced Grammar: Rarotongan

RAROT 340 - Introduction to Literature: Rarotongan
ROM 100 - Language Study: Romanian
ROM 102 - First-Year Romanian, Part 2
ROM 202 - Second-Year Language Study: Romanian
ROM 305 - Language Skills Development: Romanian
ROM 321 - Advanced Grammar: Romanian

ROM 340 - Introduction to Romanian Literature and Culture
SAMOA 100 - Language Study: Samoan
SAMOA 102 - First-Year Language Study: Samoan
SAMOA 202 - Second-Year Language Study: Samoan
SAMOA 321 - Advanced Grammar: Samoan

SAMOA 340 - Introduction to Literature: Samoan
SCAND 429 - Old Norse
SCAND 490R - Seminar in Scandinavian Studies

SLAT 577 - Methods of Teaching Foreign Languages
SLN 101 - First-Year Slovene
SLN 201 - Second-Year Slovene
SLN 211R - Second-Year Conversation
SLN 321 - Advanced Grammar: Slovene
SLN 340 - Introduction to Literature: Slovene
SLOVK 100 - Language Study: Slovak
SLOVK 102 - First-Year Language Study: Slovak
SLOVK 202 - Second-Year Language Study: Slovak
SLOVK 321 - Advanced Grammar: Slovak

SLOVK 340 - Introduction to Literature: Slovak
SRBIA 100 - Language Study: Serbian
SRBIA 102 - First-Year Language Study: Serbian
SRBIA 202 - Second-Year Language Study: Serbian
SRBIA 321 - Advanced Grammar: Serbian

SRBIA 340 - Introduction to Literature: Serbian
SWAHI 100 - Language Study: Swahili
SWAHI 102 - First-Year Language Study: Swahili
SWAHI 202 - Second-Year Language Study: Swahili
SWAHI 321 - Advanced Grammar: Swahili

SWAHI 340 - Introduction to Literature: Swahili
SWED 101 - First-Year Swedish
SWED 201 - Second-Year Swedish
SWED 321 - Advanced Swedish
TAGAL 100 - Language Study: Filipino, Tagalog
TAGAL 102 - First-Year Language Study: Filipino, Tagalog
TAGAL 202 - Second-Year Language Study: Filipino, Tagalog
TAGAL 321 - Advanced Grammar: Filipino, Tagalog

TAGAL 340 - Introduction to Literature: Filipino, Tagalog
TAHIT 100 - Language Study: Tahitian
TAHIT 102 - First-Year Language Study: Tahitian
TAHIT 202 - Second-Year Language Study: Tahitian
TAHIT 321 - Advanced Grammar: Tahitian

TAHIT 340 - Introduction to Literature: Tahitian
TAIWN 100 - Language Study: Taiwanese
TAIWN 102 - First-Year Language Study: Taiwanese

RAROT 305 - NULL
RAROT 330 - Advanced Language Proficiency Through Cultural Studies: Rarotongan
RAROT 350 - Advanced Language Study for Career Purposes: Rarotongan
ROM 101 - First-Year Romanian, Part 1
ROM 201 - Second-Year Romanian
ROM 211R - Second-Year Romanian Conversation
ROM 311R - Third-Year Romanian Conversation
ROM 330 - Advanced Language Proficiency Through Cultural Studies: Romanian
ROM 350 - Advanced Language Study for Career Purposes: Romanian
SAMOA 101 - First-Year Language Study: Samoan
SAMOA 201 - Second-Year Language Study: Samoan
SAMOA 305 - Language Skills Development: Samoan
SAMOA 330 - Advanced Language Proficiency Through Cultural Studies: Samoan
SAMOA 350 - Advanced Language Study for Career Purposes: Samoan
SCAND 430 - Cultural History of Scandinavia
SGAW 330 - Advanced Language Proficiency Through Cultural Studies: S'gaw Karen
SLN 100 - Language Study: Slovene
SLN 102 - First-Year Slovene
SLN 202 - Second-Year Language Study: Slovene
SLN 305 - Language Skills Development: Slovene
SLN 330 - Advanced Language Proficiency Through Cultural Studies: Slovene
SLN 350 - Advanced Language Study for Career Purposes: Slovene
SLOVK 101 - First-Year Language Study: Slovak
SLOVK 201 - Second-Year Language Study: Slovak
SLOVK 305 - Language Skills Development: Slovak
SLOVK 330 - Advanced Language Proficiency Through Cultural Studies: Slovak
SLOVK 350 - Advanced Language Study for Career Purposes: Slovak
SRBIA 101 - First-Year Language Study: Serbian
SRBIA 201 - Second-Year Language Study: Serbian
SRBIA 305 - Language Skills Development: Serbian
SRBIA 330 - Advanced Language Proficiency Through Cultural Studies: Serbian
SRBIA 350 - Advanced Language Study for Career Purposes: Serbian
SWAHI 101 - First-Year Language Study: Swahili
SWAHI 201 - Second-Year Language Study: Swahili
SWAHI 305 - Language Skills Development: Swahili
SWAHI 330 - Advanced Language Proficiency Through Cultural Studies: Swahili
SWAHI 350 - Advanced Language Study for Career Purposes: Swahili
SWED 102 - First-Year Swedish
SWED 202 - Second Year Swedish
SWED 340 - Swedish Literature
TAGAL 101 - First-Year Language Study: Filipino, Tagalog
TAGAL 201 - Second-Year Language Study: Filipino, Tagalog
TAGAL 305 - Language Skills Development: Filipino, Tagalog
TAGAL 330 - Advanced Language Proficiency Through Cultural Studies: Filipino, Tagalog
TAGAL 350 - Advanced Language Study for Career Purposes: Filipino, Tagalog
TAHIT 101 - First-Year Language Study: Tahitian
TAHIT 201 - Second-Year Language Study: Tahitian
TAHIT 305 - Language Skills Development: Tahitian
TAHIT 330 - Advanced Language Proficiency Through Cultural Studies: Tahitian
TAHIT 350 - Advanced Language Study for Career Purposes: Tahitian
TAIWN 101 - First-Year Language Study: Taiwanese
TAIWN 201 - Second-Year Language Study: Taiwanese

**TAIWN 202 - Second-Year Language Study: Taiwanese**
**TAIWN 321 - Advanced Grammar: Taiwanese**

**TAIWN 340 - Introduction to Literature: Taiwanese**
**TAMIL 100 - Language Study: Tamil**
**TAMIL 102 - First-Year Language Study: Tamil**
**TAMIL 202 - Second-Year Language Study: Tamil**
**TAMIL 321 - Advanced Grammar: Tamil**
**TAMIL 340 - Introduction to Literature: Tamil**
**THAI 100 - Language Study: Thai**
**THAI 102 - First-Year Language Study: Thai**
**THAI 202 - Second-Year Language Study: Thai**
**THAI 321 - Advanced Grammar: Thai**
**THAI 340 - Introduction to Literature: Thai**
**TIBET 100 - Language Study: Tibetan**
**TONGA 100 - Language Study: Tongan**
**TONGA 102 - First-Year Language Study: Tongan**
**TONGA 202 - Second-Year Language Study: Tongan**
**TONGA 321 - Advanced Grammar: Tongan**

**TONGA 340 - Introduction to Literature: Tongan**
**TRUKS 100 - Language Study: Trukese**
**TRUKS 102 - First-Year Language Study: Trukese**
**TRUKS 202 - Second-Year Language Study: Trukese**
**TRUKS 321 - Advanced Grammar: Trukese**

**TRUKS 340 - Introduction to Literature: Trukese**
**TURK 100 - Language Study: Turkish**
**TURK 102 - First-Year Language Study: Turkish**
**TURK 202 - Second-Year Language Study: Turkish**
**TURK 321 - Advanced Grammar: Turkish**
**TURK 340 - Introduction to Literature: Turkish**
**TWI 100 - Language Study: Twi**
**TWI 102 - First-Year Language Study: Twi**
**TWI 202 - Second-Year Language Study: Twi**
**TWI 321 - Advanced Grammar: Twi**
**TWI 340 - Introduction to Literature: Twi**
**UKRAI 100 - Language Study: Ukrainian**
**UKRAI 102 - First-Year Ukrainian**
**UKRAI 211R - Second-Year Conversation**
**UKRAI 321 - Advanced Grammar: Ukrainian**
**UKRAI 340 - Introduction to Literature: Ukrainian**
**URDU 100 - Language Study: Urdu**
**URDU 102 - First-Year Language Study: Urdu**
**URDU 202 - Second-Year Language Study: Urdu**
**URDU 321 - Advanced Grammar: Urdu**
**URDU 340 - Introduction to Literature: Urdu**
**VANTU 100 - Language Study: Vanuatu**
**VANTU 102 - First-Year Language Study: Vanuatu**
**VANTU 202 - Second-Year Language Study: Vanuatu**
**VANTU 321 - Advanced Grammar: Vanuatu**

**VANTU 340 - Introduction to Literature: Vanuatu**
**VIET 100 - Language Study: Vietnamese**
**VIET 102 - First-Year Language Study: Vietnamese**
**VIET 202 - Second-Year Language Study: Vietnamese**
**VIET 321 - Advanced Grammar: Vietnamese**

**VIET 340 - Introduction to Literature: Vietnamese**
**WARAY 100 - Language Study: Waray-Waray**
**WARAY 102 - First-Year Language Study: Waray-Waray**

**TAIWN 305 - Language Skills Development: Taiwanese**
**TAIWN 330 - Advanced Language Proficiency Through Cultural Studies: Taiwanese**
**TAIWN 350 - Advanced Language Study for Career Purposes: Taiwanese**
**TAMIL 101 - First-Year Language Study: Tamil**
**TAMIL 201 - Second-Year Language Study: Tamil**
**TAMIL 305 - Language Skills Development: Tamil**
**TAMIL 330 - Advanced Language Proficiency Through Cultural Studies: Tamil**
**TAMIL 350 - Advanced Language Study for Career Purposes: Tamil**
**THAI 101 - First-Year Language Study: Thai**
**THAI 201 - Second-Year Language Study: Thai**
**THAI 305 - Language Skills Development: Thai**
**THAI 330 - Advanced Language Proficiency Through Cultural Studies: Thai**
**THAI 350 - Advanced Language Study for Career Purposes: Thai**
**TIBET 101 - First-Year Language Study: Tibetan**
**TONGA 101 - First-Year Language Study: Tongan**
**TONGA 201 - Second-Year Language Study: Tongan**
**TONGA 305 - Language Skills Development: Tongan**
**TONGA 330 - Advanced Language Proficiency Through Cultural Studies: Tongan**
**TONGA 350 - Advanced Language Study for Career Purposes: Tongan**
**TRUKS 101 - First-Year Language Study: Trukese**
**TRUKS 201 - Second-Year Language Study: Trukese**
**TRUKS 305 - Language Skills Development: Trukese**
**TRUKS 330 - Advanced Language Proficiency Through Cultural Studies: Trukese**
**TRUKS 350 - Advanced Language Study for Career Purposes: Trukese**
**TURK 101 - First-Year Language Study: Turkish**
**TURK 201 - Second-Year Language Study: Turkish**
**TURK 305 - Language Skills Development: Turkish**
**TURK 330 - Advanced Language Proficiency Through Cultural Studies: Turkish**
**TURK 350 - Advanced Language Study for Career Purposes: Turkish**
**TWI 101 - First-Year Language Study: Twi**
**TWI 201 - Second-Year Language Study: Twi**
**TWI 305 - Language Skills Development: Twi**
**TWI 330 - Advanced Language Proficiency Through Cultural Studies: Twi**
**TWI 350 - Advanced Language Study for Career Purposes: Twi**
**UKRAI 101 - First-Year Ukrainian**
**UKRAI 201 - Second-Year Ukrainian**
**UKRAI 305 - Language Skills Development: Ukrainian**
**UKRAI 330 - Cultural History of Ukraine**
**UKRAI 350 - Advanced Language Study for Career Purposes: Ukrainian**
**URDU 101 - First-Year Language Study: Urdu**
**URDU 201 - Second-Year Language Study: Urdu**
**URDU 305 - Language Skills Development: Urdu**
**URDU 330 - Advanced Language Proficiency Through Cultural Studies: Urdu**
**URDU 350 - Advanced Language Study for Career Purposes: Urdu**
**VANTU 101 - First-Year Language Study: Vanuatu**
**VANTU 201 - Second-Year Language Study: Vanuatu**
**VANTU 305 - Language Skills Development: Vanuatu**
**VANTU 330 - Advanced Language Proficiency Through Cultural Studies: Vanuatu**
**VANTU 350 - Advanced Language Study for Career Purposes: Vanuatau**
**VIET 101 - First-Year Language Study: Vietnamese**
**VIET 201 - Second-Year Language Study: Vietnamese**
**VIET 305 - Language Skills Development: Vietnamese**
**VIET 330 - Advanced Language Proficiency Through Cultural Studies: Vietnamese**
**VIET 350 - Advanced Language Study for Career Purposes: Vietnamese**
**WARAY 101 - First-Year Language Study: Waray-Waray**
**WARAY 201 - Second-Year Language Study: Waray-Waray**

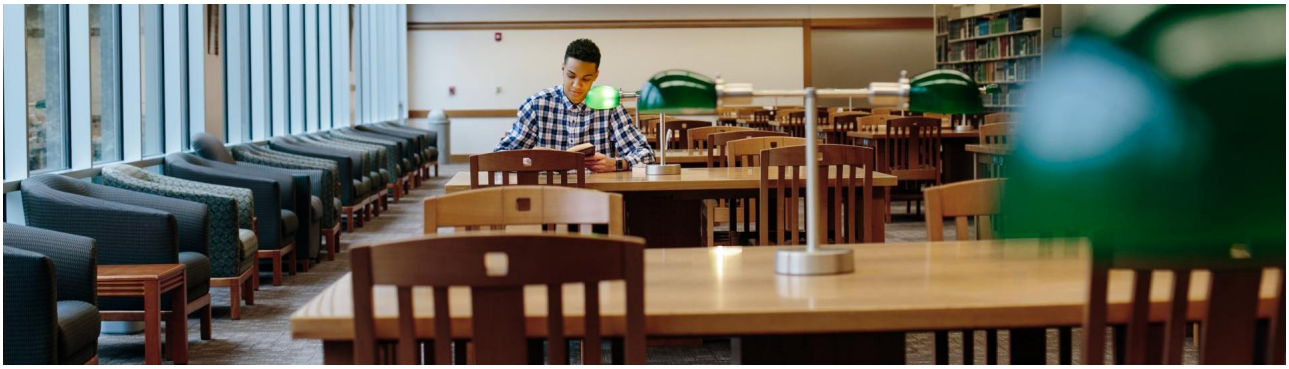
WARAY 202 - Second-Year Language Study: Waray-Waray
WARAY 321 - Advanced Grammar: Waray-Waray

WARAY 340 - Introduction to Literature: Waray-Waray
WELSH 100 - Language Study: Welsh
WELSH 102 - First-Year Welsh
WELSH 202 - Second-Year Language Study: Welsh
WELSH 321 - Advanced Grammar: Welsh

WELSH 340 - Introduction to Literature: Welsh
WELSH 350 - Advanced Language Study for Career Purposes: Welsh
XHOSA 101 - First-Year Language Study: Xhosa
XHOSA 201 - Second-Year Language Study: Xhosa
XHOSA 305 - Language Skills Development: Xhosa
XHOSA 330 - Advanced Language Proficiency Through Cultural Studies: Xhosa
XHOSA 350 - Advanced Language Study for Career Purposes: Xhosa

WARAY 305 - Language Skills Development: Waray-Waray
WARAY 330 - Advanced Language Proficiency Through Cultural Studies: Waray-Waray
WARAY 350 - Advanced Language Study for Career Purposes: Waray-Waray
WELSH 101 - First-Year Welsh
WELSH 201 - Second-Year Welsh
WELSH 305 - Language Skills Development: Welsh
WELSH 330 - Advanced Language Proficiency Through Cultural Studies: Welsh
WELSH 346R - Welsh Choir
XHOSA 100 - Language Study: Xhosa
XHOSA 102 - First-Year Language Study: Xhosa
XHOSA 202 - Second-Year Language Study: Xhosa
XHOSA 321 - Advanced Grammar: Xhosa
XHOSA 340 - Introduction to Literature: Xhosa

# English, Department of Department



# English

Department of English

## Administration

**Chair**: Deborah Dean

**Department Information:**

4138 JFSB

801-422-4938

english@byu.edu

WEBSITE

**Advisement Center:**

1041 JFSB

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FACULTY

# Admission to Degree Program

All degree programs in the Department of English are open enrollment. However, special limitations apply for English teaching majors.

# The Discipline

The English major provides a detailed knowledge of the English language and of literature written in English. English majors approach language and literature as a source of knowledge and aesthetic pleasure, a mode of encountering and evaluating diverse minds and attitudes, a vehicle for art and action, a means of historical understanding, and a source of spiritual insight. English majors use writing as their primary means (1) of knowing, understanding, and evaluating their experience and their reading and (2) of sharing their insight with others. In keeping with the long-standing ideals of a liberal arts education, the English Department aims to cultivate in its students those foundational skills in writing, awareness, and judgment upon which lives of wisdom, service, and an ever increasing love for learning might be built.

# Career Opportunities

With a firm grounding in the liberal arts, English majors are prepared for any career that requires perceptive reading, orderly and clear thinking, intellectual maturity, and effective writing. Many career opportunities for English majors exist in teaching, professional writing and editing, law, business, communications, or government service. English majors can certify to teach secondary school English, or they can prepare for graduate study in English and college teaching. When combined with prerequisite courses in other departments, the English major provides excellent preparation for graduate work in law, business, library science, medicine, humanities, or religion. By selecting areas of concentration, some English majors prepare for careers in technical and professional communication, editing, creative writing, and related fields. By supplementing their English major with computer classes, some find work in information technology. The skills and knowledge acquired by an English major also provide good preparation for government service, especially when combined with the study of foreign languages, economics, political science, and history.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**553203 - English (Minor)**
**553204 - English Teaching (Minor)**
**553205 - Professional Writing and Communication (Minor)**
**553206 - Creative Writing (Minor)**
**553220 - English (BA)**
**553221 - English Teaching (BA)**
**553228 - General Studies: English (BGS)**

## Courses

**ENGL 201 - Masterpieces of World Literature 1**
**ENGL 202 - Masterpieces of World Literature 2**
**ENGL 203 - Ways of Reading**
**ENGL 211 - Rhetoric and Civilization 1**
**ENGL 212 - Rhetoric and Civilization 2**
**ENGL 218 - Creative Writing**
**ENGL 230 - Studies in Literature**
**ENGL 232 - Shakespeare**
**ENGL 235 - Studies in American Literature**
**ENGL 236 - Studies in British Literature**
**ENGL 238 - The Bible as Literature**
**ENGL 268 - Literature of the Latter-day Saints**

ENGL 276R - Exploration of Teaching
ENGL 291 - British Literary History 1
ENGL 292 - British Literary History 2
ENGL 293 - American Literary History
ENGL 294 - Transatlantic Literary History
ENGL 300R - British Literature in a Cultural Setting
ENGL 302 - Writing with Style
ENGL 303 - Writing Literary Criticism
ENGL 306 - Travel Writing
ENGL 317R - Writing Creative Nonfiction
ENGL 318R - Writing Fiction
ENGL 319R - Writing Poetry
ENGL 320R - Writing for Children and Adolescents
ENGL 321R - English Department Reading Series
ENGL 322 - Rhetorical Foundations
ENGL 323 - Professional Writing
ENGL 325 - Visual Communication
ENGL 326 - Digital Communication
ENGL 327R - Studies in Rhetoric
ENGL 328R - Studies in Composing
ENGL 329 - Teaching Grammar and Usage in Secondary Schools
ENGL 331R - Media and Popular Literatures before 1800
ENGL 332R - Media and Popular Literatures after 1800
ENGL 335 - Professional Speaking
ENGL 337R - Studies in Literary Form and Genre
ENGL 338 - Literary Studies of the Bible
ENGL 340 - Book and Publishing History
ENGL 344R - Digital and Visual Literacies
ENGL 345 - Literature and Film
ENGL 355 - (Engl-ClCv) Greek and Roman Classics and the English Tradition
ENGL 356 - Myth, Legend, and Folktale
ENGL 357R - Literature, Ethics, and Values
ENGL 367R - American Regional Literature
ENGL 368 - Literature of the Latter-day Saints
ENGL 369R - Transnational Literature before 1800
ENGL 370R - Transnational Literature after 1800
ENGL 377 - Teaching English in Secondary Schools
ENGL 378 - Teaching Literature and Reading in Secondary Schools.
ENGL 379 - Practicum in Secondary English Teaching
ENGL 384R - Author Studies
ENGL 386R - British Literature before 1800
ENGL 387R - British Literature after 1800
ENGL 388R - American Literature before 1800
ENGL 389R - American Literature after 1800
ENGL 391 - Introduction to Folklore
ENGL 392 - American Folklore
ENGL 394R - Applied English
ENGL 395R - Studies in Literature
ENGL 396R - Studies in Women's Literature
ENGL 397R - World Literatures in English
ENGL 399R - Academic Internship
ENGL 400 - Portfolio Capstone for Professional Writing and Rhetoric Minors
ENGL 417 - Creative Writing Capstone: Nonfiction
ENGL 418 - Creative Writing Capstone: Fiction
ENGL 419 - Creative Writing Capstone: Poetry
ENGL 420 - Young Adult Literature
ENGL 423 - Teaching Composition in Secondary Schools
ENGL 426 - Digital Literacies & Technology in Secondary Schools
ENGL 450R - Studies in Literary Criticism and Theory
ENGL 476 - Secondary English Student Teaching
ENGL 477R - Secondary Minor Student Teaching
ENGL 479 - Secondary Student Teaching Seminar
ENGL 480R - Directed Research in English
ENGL 490R - Individual Readings in English
ENGL 494 - Professional Writing and Communication Senior Capstone
ENGL 495 - Senior Capstone
ENGL 496R - Secondary English Teaching Internship
ENGL 520R - Studies in Theme and Form
ENGL 590R - Directed Readings
ENGL 599R - Academic Internship
ENGL 599R - Internship in Professional Community
ENGL382 - Shakespeare
WRTG 150 - Writing and Rhetoric
WRTG 311 - Writing about the Arts and Humanities
WRTG 312 - Persuasive Writing
WRTG 313 - Expository Writing for Elementary Education Majors
WRTG 315 - Writing in the Social Sciences
WRTG 316 - Technical Communication

# French and Italian, Department of Department

# French and Italian

Department of French and Italian

## Administration

**Chair**: Daryl Patrick Lee

**Department Information:**

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WEBSITE

**Advisement Center:**

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FACULTY

# Admission to Degree Program

All degree programs in the Department of French and Italian are open enrollment.

# The Discipline

The study of French or Italian language and literature sharpens analytical and communicative skills useful in a myriad of professional contexts. Students develop proficiency in listening, reading, writing, and speaking, and they learn to use literature as a means to deepen their understanding of culturally specific as well as universal issues and values.

# Career Opportunities

The study of French and Italian language and literature are excellent preparation for a variety of career fields. Italian and French are valuable research and communication tools for students in music, art, history, European studies, international relations, library science, and comparative literature.

Many of our students have chosen a major or minor in Italian or French in addition to a second major or minor in an area such as accounting or business management, or as preparation for professional programs in public administration, business administration, organizational behavior, dentistry, law, or medicine. Others have opted for a career in government service, working with an embassy, the State Department, the CIA, and other government agencies. Still others have gone into travel and tourism, working with tour agencies, airlines, major hotel chains, or resort communities.

The computer industry also provides employment opportunity for our graduates in the field of localization and translation. Many computer companies have expanded into foreign markets and hire skilled workers who can translate computer and software instruction and sales publications in a foreign language.

# General Information

The Department of French and Italian urges students to take HCOLL 310, Humanities in Professional Life, a 1-credit-hour course, during the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students articulate the value and relevance of their study in the humanities.

**Internships.** The Department of French and Italian, in coordination with International Study Programs, offers internships in France and Italy in a variety of positions: businesses, corporations, industry, hospitals, research laboratories, national and local governments, cultural organizations, nonprofit agencies and nongovernmental organizations, hotels and tourism, etc. For Italy, internships typically take place spring term. For France, internships take place winter, spring, summer and fall. Job placements are made according to the student's language proficiency, previous work experience, field of study, and personal interest. Students may enroll for Fren and Ital 399R, 211R, 311R, or 411R, or other courses such as Fren 490R. The internship proves invaluable in strengthening language and pre-professional skills.

**Language Proficiency Assessments.** All French, French Teaching majors and Italian majors are required to complete language assessments as administered by BYU or the American Council on the Teaching of Foreign Languages (ACTFL): the Oral Proficiency Interview (OPI) and Writing Proficiency Test (WPT), for Italian and French; in addition, students in French may complete adaptive reading and listening comprehension tests. Students complete language assessments by enrolling in Fren 495, Fren 491 (for French Teaching Majors) or Ital 491. French Teaching majors and minors are required to take the OPI before taking Fren 378. The minimum rating of *Advanced* is required of all *Teaching* majors and minors.

When it is necessary to strengthen oral proficiency, students are encouraged to take conversation courses, such as Fren 411R. They may also take advantage of the Foreign Language Student Residence, Study Abroad programs, and internships abroad. Department and College of Humanities scholarships are available for each of these opportunities. Additionally, support materials in the Humanities Resource Center are also available for improving language skills on campus. The department strongly encourages all majors to complete an internship prior to graduation.

**Instruction.** All courses are taught in the target language unless indicated otherwise in this catalog or by a course instructor.

# Language Certificate Program

The Department of French and Italian strongly encourages all majors and minors to complete the Language Certificate. This program is available in French and Italian for all matriculated BYU students who are pursuing any BYU undergraduate degree. A student who meets the proficiency and course requirements may earn the Language Certificate. The proficiency requirement is met through the nationally recognized ACTFL Oral and Writing Proficiency Exams.

The Language Certificate Program is administered by the Center for Language Studies (3086 JFSB). For more information and course requirements, visit http://languagecertificate.byu.edu.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**553503 - French (Minor)**
**553504 - French Teaching (Minor)**
**553505 - Italian (Minor)**
**553520 - French (BA)**
**553521 - Italian (BA)**
**553522 - French Teaching (BA)**
**553525 - French Studies (BA)**
**553526 - Italian Studies (BA)**

## Courses

**FREN 101 - First-Year French, Part 1**
**FREN 102 - First-Year French, Part 2**
**FREN 201 - Intermediate French, Part 1**
**FREN 202 - Intermediate French, Part 2**
**FREN 211R - Second-Year Conversation**
**FREN 311R - Third-Year Conversation**
**FREN 315 - Focused Readings in French**
**FREN 317 - (Fren-Ital) French and Italian Cinema**
**FREN 321 - Advanced French Part 1**
**FREN 322 - Advanced French Part 2**
**FREN 325R - Individual French Language Review**
**FREN 330 - Introduction to French Linguistics**
**FREN 340 - Introduction to Literary Analysis**
**FREN 345 - Francophone Culture**
**FREN 346R - French Choir**
**FREN 361 - French Civilization from the Beginning to 1715**
**FREN 362 - French Civilization from 1715 to the Present**
**FREN 363 - Contemporary France and the Francophone World**
**FREN 377 - French Teaching Methods 1**
**FREN 378 - French Teaching Methods 2**

**FREN 379 - French Teaching Practicum**
**FREN 411R - Fourth-Year Conversation**
**FREN 432 - History of French**
**FREN 445 - Advanced Francophone Culture**
**FREN 453R - Studies in Genre**
**FREN 455R - Studies in Literary Theory**
**FREN 457R - Studies in French Culture**
**FREN 470R - Direct Enrollment in French University**
**FREN 477R - Secondary Minor Student Teaching**
**FREN 491R - Senior Oral Proficiency Evaluation**
**FREN 496R - Academic Internship: Secondary Education**
**FREN 511 - MA Practicum 2**
**FREN 533 - Advanced Studies in French Linguistics**
**ITAL 101 - First-Year Italian, Part 1**
**ITAL 201 - Intermediate Italian 1**
**ITAL 211R - Second-Year Conversation**
**ITAL 315 - Focused Readings in Italian**
**ITAL 321 - Advanced Language Skills Part 1**
**ITAL 340 - Introduction to Italian Literature**
**ITAL 361 - Italian Civilization from 1600 to the Present**
**ITAL 399R - Academic Internship: Italian Language Field Experience**
**ITAL 445 - Italian Women Writers**
**ITAL 447R - Studies in Literature**
**ITAL 449R - Studies in Cultural History**
**ITAL 490R - Individual Study in Italian**
**ITAL 495R - Senior Seminar in Italian**
**FREN 399R - Academic Internship: French Language Field Experience**
**FREN 414 - Introduction to French Translation**
**FREN 433R - Studies in French Linguistics**
**FREN 452R - Studies in Period, Movement, and Theme**
**FREN 454R - Studies in Author**
**FREN 456R - Francophone Studies**
**FREN 458R - Women in French and Francophone Literature**
**FREN 476R - Secondary Student Teaching**
**FREN 490R - Individual Study in French**
**FREN 495 - Senior Portfolio Capstone**
**FREN 510 - MA Practicum 1.**
**FREN 512 - MA Practicum 3**
**FREN 599R - Academic Internship: French Language Field Experience**
**ITAL 102 - First-Year Italian, Part 2**
**ITAL 202 - Intermediate Italian 2**
**ITAL 311R - Third-Year Conversation**
**ITAL 317 - (Fren-Ital) French and Italian Cinema**
**ITAL 322 - Advanced Language Skills Part 2**
**ITAL 360 - Italian Civilization from the Beginning to 1600**
**ITAL 363 - Italian Civilization on Study Abroad**
**ITAL 411R - Fourth-Year Conversation**
**ITAL 446 - Multicultural Italy**
**ITAL 448R - Studies in Visual Cultures**
**ITAL 460 - Dante's Divine Comedy.**
**ITAL 491 - Senior Oral Proficiency Evaluation and Senior Portfolio**

# German and Russian, Department of Department

# German and Russian

Department of German and Russian

## Administration

**Chair**: Jennifer Bown

**Department Information:**

3112 JFSB

801-422-4923

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WEBSITE

**Advisement Center:**

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FACULTY

## Admission to Degree Program

All degree programs in the Department of German and Russian are open enrollment. However, special limitations apply for teaching majors.

## The Discipline

Students of foreign language and literature develop fluency in another language as well as sensitivity to their own language and cultural heritage, to the contributions and diversity of other peoples, and to the advantages of an international perspective.

## Career Opportunities

Experience with the intellectual, artistic, and spiritual expressions of other cultures and of their own culture helps students qualify for advanced study at graduate and professional schools, especially in linguistics, literature, language teaching methodology, library science, humanities, business, law, and medicine. Those who accept employment on completion of the BA degree frequently serve in international business, in education, or in a government agency.

## General Information

Students may want to consider taking StDev 317, a 1-credit-hour course, at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

## Language Certificate Program

The Language Certificate Program is available in German and Russian for all matriculated BYU students who are pursuing any BYU undergraduate degree. A student who meets the proficiency and course requirements may earn the Language Certificate. The proficiency requirement is met through the nationally recognized ACTFL Oral and Writing Proficiency Exams.

The Language Certificate Program is administered by the Center for Language Studies (3086 JFSB). For more information and course requirements, visit http://languagecertificate.byu.edu.

## Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

## Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

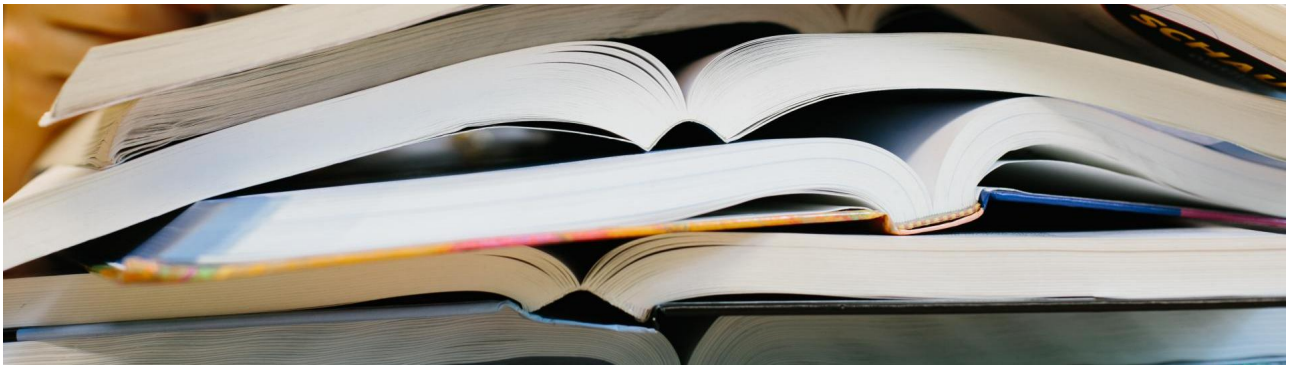
## Programs

**554002 - German (Minor)**
**554003 - German Teaching (Minor)**
**554004 - Russian (Minor)**
**554005 - Russian Teaching (Minor)**
**554021 - Russian (BA)**
**554023 - German Teaching (BA)**
**554059 - German (BA)**

## Courses

**GERM 101 - First-Year German**
**GERM 102 - First-Year German**
**GERM 200R - Second-Year Proficiency Tutorial**
**GERM 201 - Second-Year German**
**GERM 202 - Second-Year German**
**GERM 211R - Intermediate Conversation**
**GERM 217 - (Germ-Scand) German and Scandinavian Cinema**
**GERM 250 - Marx, Nietzsche, Freud**
**GERM 300R - Third-Year Proficiency Tutorial**
**GERM 301 - German Cultural History**
**GERM 302 - Germany in the 20th Century**
**GERM 303 - Germany Today**
**GERM 311R - Advanced Conversation**
**GERM 316 - Directed Research in Linguistics 1**
**GERM 340 - Writing About Literature**
**GERM 343 - Introduction to German Literature**
**GERM 344 - Introduction to German Linguistics and Phonetics**
**GERM 345R - Field Studies in German**
**GERM 346 - Art and Architecture in German-Speaking Europe**
**GERM 377 - Methods in Teaching German**
**GERM 378 - Practicum in Teaching German**
**GERM 399R - Academic Internship: German Work**
**GERM 400R - Fourth-Year Proficiency Tutorial**
**GERM 410R - German Proficiency Workshop 1**
**GERM 412R - German Proficiency Workshop 2**
**GERM 416 - Directed Research in Linguistics 2**
**GERM 430 - Women's Studies Seminar**
**GERM 440R - Topics in German Literature, Film and Culture**
**GERM 441R - Topics in German Literature, Film and Culture (taught in English)**
**GERM 450 - History of the German Language**
**GERM 460 - Structure of Modern German**
**GERM 470R - Topics in German Linguistics**
**GERM 476 - Secondary Student Teaching**
**GERM 477R - Secondary Minor Student Teaching**
**GERM 490R - Special Studies in German**
**GERM 496R - Academic Internship: German Teaching**
**GERM 497R - Senior Seminar in German Language**
**GERM 498R - Preparing for Professional/Graduate School**
**GERM 595R - German for Reading**
**RUSS 101 - First-Year Russian, Part 1**
**RUSS 102 - First-Year Russian, Part 2**
**RUSS 105 - Russian for Speakers of Other Slavic Languages**
**RUSS 199R - Academic Internship**
**RUSS 201 - Second-Year Russian, Part 1**
**RUSS 202 - Second-Year Russian, Part 2**
**RUSS 211 - Second-Year Conversation**
**RUSS 301 - Intermediate Russian on Study Abroad**
**RUSS 302 - Intermediate Russian Part 1**
**RUSS 303 - Intermediate Russian Part 2**
**RUSS 311R - Advanced Conversation**
**RUSS 321 - Third-Year Russian Part 1**
**RUSS 322 - Third-Year Russian Part 2**
**RUSS 323 - Russian Phonology and Morphology**
**RUSS 330 - Cultural History of Russia**
**RUSS 340 - Masterpieces of the Russian Novel in English**
**RUSS 341 - Dostoevsky's Major Works in Translation**
**RUSS 342 - Tolstoy's Major Works in Translation**
**RUSS 343 - Masterpieces of Russian Film**
**RUSS 344 - Historical Survey of Russian Arts and Letters**
**RUSS 399R - Academic Internship**
**RUSS 421 - Fourth-Year Russian, Part 1**
**RUSS 422 - Fourth-Year Russian, Part 2**
**RUSS 441 - Masterpieces of Russian Literature 1**
**RUSS 442 - Masterpieces of Russian Literature 2**
**RUSS 477R - Secondary Minor Student Teaching**
**RUSS 490R - Special Studies in Russian**
**RUSS 492R - Senior Seminar: Passages and Conclusions**

# Comparative Arts and Letters, Department of Department



# Comparative Arts and Letters

Department of Comparative Arts and Letters

## Administration

**Chair**: Kerry David Soper

**Department Information:**

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**Advisement Center:**

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FACULTY

# Admission to Degree Program

All degree programs in the Department of Comparative Arts and Letters are open enrollment. However, special limitations apply for teaching majors.

# General Information

The Department of Comparative Arts and Letters strongly recommends that StDev 317, a 1-credit-hour course, be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

# Language Certificate Program

The Language Certificate Program is available in Danish, Finnish, Norwegian, and Swedish for all matriculated BYU students who are pursuing any BYU undergraduate degree. A student who meets the proficiency and course requirements may earn the Language Certificate. The proficiency requirement is met through the nationally recognized ACTFL Oral and Writing Proficiency Exams.

The Language Certificate Program is administered by the Center for Language Studies (3086 JFSB). For more information and course requirements, visit http://languagecertificate.byu.edu.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**488003 - Art History & Curatorial Studies (Minor)**
**554205 - Classical Studies (Greek option) (Minor)**
**554207 - Latin Teaching (Minor)**
**554216 - Interdisciplinary Humanities (BA)**
**554231 - Latin Teaching (BA)**
**554246 - Classical Studies: Latin Emphasis (BA)**
**554248 - Classical Studies: Classical Civilization (BA)**
**488024 - Art History & Curatorial Studies (BA)**
**554206 - Classical Studies (Latin option) (Minor)**
**554210 - Interdisciplinary Humanities (Minor)**
**554220 - Comparative Literature (BA)**
**554245 - Classical Studies: Greek Emphasis (BA)**
**554247 - Classical Studies: Classics (BA)**

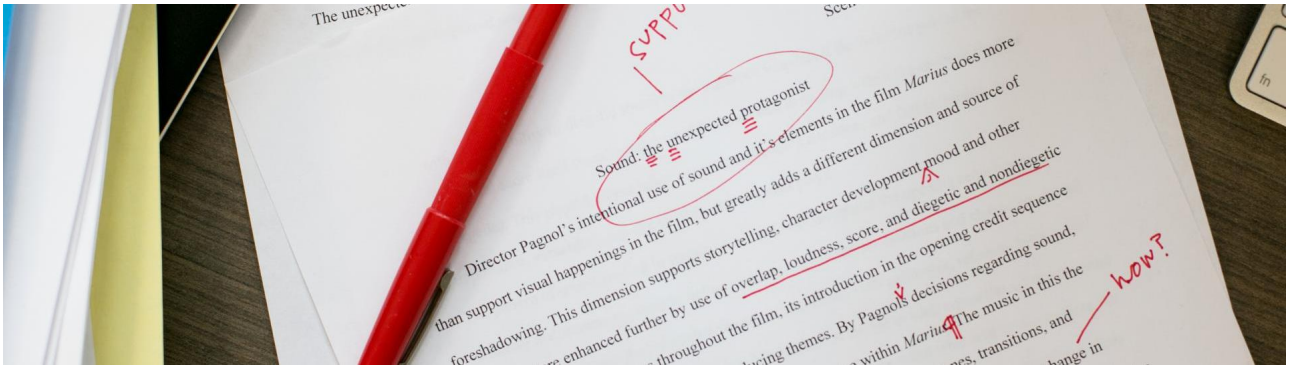
## Courses

**ARTHC 111 - Introduction to Art History**
**ARTHC 201 - World Civilization to 1500**
**ARTHC 202 - World Civilization Since 1500**
**ARTHC 203 - Survey of Asian Art and Architecture**
**ARTHC 211 - Survey of Western Art 1**
**ARTHC 212 - Survey of Western Art 2**
**ARTHC 300 - Theory, Methodology, and Historiography of Art History**
**ARTHC 301 - Women in Art**
**ARTHC 304 - Greek Art**
**ARTHC 306 - Roman Art**
**ARTHC 310 - Early Christian and Byzantine Art**
**ARTHC 316 - Art of the Medieval West**
**ARTHC 320 - Italian Renaissance**
**ARTHC 325 - Northern Renaissance Art**
**ARTHC 329 - Renaissance and Baroque Architecture**
**ARTHC 330 - Southern Baroque Art History: 1600-1700**
**ARTHC 335 - Northern European Art: 1600-1700**
**ARTHC 337 - Eighteenth-Century European Art and Architecture**
**ARTHC 340 - Nineteenth-Century European Art**
**ARTHC 345 - American Art to 1876**
**ARTHC 350 - Modern Art**
**ARTHC 353 - American Art 1876-1950**
**ARTHC 355 - Contemporary Art**
**ARTHC 360 - Introduction to Museum and Curatorial Studies**
**ARTHC 365 - American Architecture**
**ARTHC 367 - Modern Architecture**
**ARTHC 375 - Japanese Art and Architecture**
**ARTHC 379 - History of Photography**
**ARTHC 380 - Northern Mesoamerican Art**
**ARTHC 382 - Southern Mesoamerican Art**
**ARTHC 490R - Special Topics and Readings in Art History**
**ARTHC 492R - Special Art History Studies On Site**
**ARTHC 496R - Academic Internship: Museum Internship**
**ARTHC 496R - BYU Museum of Art Internship**
**ARTHC 496R - Off-Campus Museum/Auction House Internship**
**ARTHC 497 - Art History Business Capstone**
**ARTHC 498 - Senior Thesis/Capstone Experiences**
**ARTHC 500 - Art in Theory: Spectatorship**
**ARTHC 505 - Art in Theory: Language**
**ARTHC 520R - Studies in Ancient Art**
**ARTHC 530R - Studies in Medieval Art**
**ARTHC 540R - Studies in Renaissance Art**
**ARTHC 550R - Studies in Baroque Art**
**ARTHC 560R - Studies in Eighteenth- and Nineteenth-Century Art**
**ARTHC 570R - Studies in Modern and Contemporary Art**
**ARTHC 580R - Studies in Architecture**
**ARTHC 590R - Studies in Curatorship**
**ARTHC 595R - French Readings for Art Historians**

ARTHC 595R - Foreign Language Readings for Art Historians
CL CV 110 - Introduction to Greek and Roman Literature
CL CV 202 - The Classical Tradition 2: Reformation to Modern
CL CV 245 - Golden Age of Greece
CL CV 261 - Greek and Roman Civilization and Literature in Film
CL CV 307 - (ClCv-Hist 248) Roman History
CL CV 340R - Topics in Classical Literature and Civilization
CL CV 355 - (ClCv-Engl) Greek and Roman Classics and the English Tradition
CL CV 399R - Museum Internship - Classics
CL CV 399R - Library Internship - Classics.
CLSCS 297 - Pro-Seminar in Classical Studies
CLSCS 430R - (Clscs-Hist) Topics in Ancient Greek and Roman History
CLSCS 430R - (Clscs-Hist) Topics in Ancient Greek History
CLSCS 490R - Seminar in Classical Literature
CLSCS 495R - Directed Readings
CMLIT 120R - Discovering the World through Literature
CMLIT 202 - Civilization: Literature 2
CMLIT 212 - Civilization: World Literature 2
CMLIT 320 - Junior Seminar in Comparative Literature
CMLIT 420R - Studies in Periods and Movements
CMLIT 420R - Realism
CMLIT 420R - Neoclassicism
CMLIT 420R - Modernism
CMLIT 420R - Classics and Early America
CMLIT 420R - 12th-Century Renaissance
CMLIT 420R - Renaissance Literature
CMLIT 430R - Comedy
CMLIT 430R - Studies in Literary Genres
CMLIT 430R - Poetry and Poetics
CMLIT 430R - Novel
CMLIT 430R - Poetry of Americas
CMLIT 440R - Arthurian Literature
CMLIT 440R - Don Juan Theme
CMLIT 440R - Faust Theme
CMLIT 450R - Symbolism
CMLIT 450R - Vergil, Augustine, and Dante
CMLIT 450R - Literature and Cinema
CMLIT 450R - East-West Relations
CMLIT 450R - Wagner and Wagnerism
CMLIT 450R - Studies in Literary Relations
CMLIT 450R - Literature and Music
CMLIT 460R - Kierk and Rom Irony
CMLIT 460R - Historical Literary Theory
CMLIT 460R - Practical Criticism
CMLIT 497 - Reading List Examination
DANSH 211R - Second-Year Conversation
DANSH 340 - Danish Literature
FINN 311R - Third-Year Conversation
GREEK 101 - First-Year Greek (First Semester).
GREEK 201 - Intermediate Greek
GREEK 302 - Classical Greek Prose
GREEK 401 - Greek Prose Composition
GREEK 430 - Herodotus
GREEK 433 - Thucydides
GREEK 435 - Greek Lyric Poetry
GREEK 437 - Attic Orators
ICLND 211R - Second-Year Conversation
ICLND 399R - Academic Internship
IHUM 101 - An Introduction to the Humanities
IHUM 202 - Western Humanities 2: Renaissance to the Present
IHUM 242 - Introduction to the Humanities of the Islamic World
ARTHC 599R - Academic Internship
CL CV 201 - The Classical Tradition 1: Antiquity to the Renaissance
CL CV 241 - Greek and Roman Mythology
CL CV 246 - Golden Age of Rome
CL CV 304 - (Cl Cv-Hist 247) Greek History
CL CV 310 - Classical Archaeology
CL CV 347 - Survey of Early Christian Literature
CL CV 363 - Judaism and Christianity in the Classical Near East
CL CV 399R - Scholarly Internship - Classics.
CL CV 399R - Acadmic Internship in Classics
CLSCS 420 - Ancient Literary Criticism
CLSCS 430R - (Clscs-Hist) Topics in Ancient Roman History
CLSCS 490R - Seminar in Greek Literature
CLSCS 490R - Seminar in Latin Literature
CLSCS 497 - Exit Examination in Classical Literature
CMLIT 201 - Civilization: Literature 1
CMLIT 211 - Civilization: World Literature 1
CMLIT 310 - Introduction to Literary Analysis and Comparative Literature
CMLIT 342 - Asian Literary Traditions
CMLIT 420R - Romanticism
CMLIT 420R - Medieval Literature
CMLIT 420R - 20th-Century Literature
CMLIT 420R - 17th-Century Literature
CMLIT 420R - Postmodernism
CMLIT 420R - Symbolism
CMLIT 420R - 18th-Century Literature
CMLIT 430R - Epic
CMLIT 430R - The Romance
CMLIT 430R - Renaissance Novella
CMLIT 430R - Lyric
CMLIT 430R - Tragedy
CMLIT 440R - Ulysses Theme
CMLIT 440R - Studies in Themes and Types
CMLIT 450R - Literature and Myth
CMLIT 450R - U.S. and Carribean Literature
CMLIT 450R - Asian Literature Traditions
CMLIT 450R - Literature of Sensibility.
CMLIT 450R - Literature and Politics
CMLIT 450R - Literature and History
CMLIT 450R - Philosophy and Literature
CMLIT 460R - Classical Rhetoric and Criticism
CMLIT 460R - Studies in Literary Theory
CMLIT 460R - Contemporary Theory
CMLIT 495R - Directed Readings
CMLIT 590R - Directed Readings
DANSH 311R - Third-Year Conversation
FINN 211R - Second-Year Conversation
FINN 399R - Academic Internship
GREEK 102 - First-Year Greek (Second Semester)
GREEK 301 - Classical Greek Poetry: Homer's Iliad
GREEK 311 - New Testament in Greek: Gospels
GREEK 411R - Greek New Testament and Early Christian Greek Texts
GREEK 431 - Homer's Odyssey.
GREEK 434 - Sophocles and Euripides
GREEK 436 - Plato
GREEK 490R - Topics in Greek Literature
ICLND 311R - Third-Year Conversation
ICLND 429 - Old Icelandic Language and Literature
IHUM 201 - Western Humanities 1: Antiquity to Renaissance
IHUM 241 - Humanities of East Asia
IHUM 243 - Introduction to the Humanities of South Asia

IHUM 244 - Humanities of Africa
IHUM 250 - Introduction to Interdisciplinary Humanities
IHUM 260 - Humanities of Latin America
IHUM 261 - Introduction to American Humanities 1: Colonial Era Through 1876
IHUM 262 - Introduction to American Humanities 2: 1877 to the Present
IHUM 280R - Sophomore Seminar: Humanities and Science
IHUM 280R - Sophomore Seminar in Interdisciplinary Humanities
IHUM 280R - Sophomore Seminar: Humanities and Popular Culture.
IHUM 280R - Sophomore Seminar: Humanities and the Environment.
IHUM 280R - Sophomore Seminar: Humanities and the Sacred
IHUM 280R - Sophomore Seminar: Humanities and Law.
IHUM 311 - Advanced Writing in Comparative Arts and Humanities
IHUM 350 - Interpretation of Literature and the Arts
IHUM 370 - Contemporary Issues in the Humanities
IHUM 390R - Junior Seminar in the Interdisciplinary Humanities: Movements, Periods, and Areas
IHUM 399R - Academic Internship
IHUM 490R - Seminar in the Humanities
IHUM 495R - Directed Readings
IHUM 595R - Directed Readings
LATIN 101 - First-Year Latin (First Semester)
LATIN 102 - First-Year Latin (Second Semester)
LATIN 111 - Beginning Latin Accelerated
LATIN 121 - Latin for Genealogists
LATIN 123 - Premedical Latin and Greek
LATIN 201 - Intermediate Latin
LATIN 301 - Classical Latin Poetry
LATIN 302 - Classical Latin Prose
LATIN 377 - Secondary Teaching Procedures
LATIN 378 - Practicum in Teaching Latin
LATIN 401 - Latin Prose Composition
LATIN 411R - Latin Vulgate and Early Christian Latin Texts
LATIN 430 - Livy
LATIN 431 - Vergil
LATIN 432 - Ovid
LATIN 433 - Cicero
LATIN 434 - Plautus and Terence
LATIN 435 - Catullus
LATIN 436 - Tragedy and Epic of the Early Empire
LATIN 437 - The Latin Epistle
LATIN 438 - Horace
LATIN 439 - Tacitus
LATIN 440 - Roman Satire
LATIN 441 - Medieval Latin
LATIN 477R - Secondary Minor Student Teaching
LATIN 490R - Topics in Latin Literature
NORWE 211R - Second-Year Conversation
NORWE 311R - Third-Year Conversation
NORWE 399R - Academic Internship
SWED 211R - Second-Year Conversation
SWED 311R - Third-Year Conversation
SWED 399R - Academic Internship

# Linguistics, Department of Department




# Linguistics

Department of Linguistics

## Administration

**Chair**: Dan P Dewey

**Department Information:**

4064 JFSB

801-422-2937

linguistics@byu.edu

WEBSITE

**Advisement Center:**

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

All undergraduate degree programs in the Department of Linguistics are open enrollment.

# The Discipline

Linguistics is the study of language in all its aspects—from speech sounds to sentence formation to meaning; from how language is organized and used in a social setting to how it is organized and processed in the brain or by computers. Linguists study language form, language change, language acquisition, and even the texts in which language is recorded. Linguists recognize that the communicative power of language is what brings cohesion to all human enterprises. For the student interested in the nature of language, linguistics is the subject to study.

The science of linguistics has many real-world applications, including translation, information storage/retrieval, lexicography, editing, and language teaching. In addition to its majors in general linguistics, editing and publishing, and in English language, BYU's Department of Linguistics offers undergraduate minor programs (as well as graduate degrees) in several of these areas.

# Career Opportunities

A linguistics degree with an emphasis in computers may lead to jobs in high technology, e.g., machine translation, information retrieval, speech recognition and production software, and lexicography. Linguistics is also recognized as a strong specialization for those pursuing a career in military intelligence or technical writing.

The English language major is in many ways similar to the linguistics major, though its focus is more specifically on English linguistics. The major provides useful preparation for careers that require special attention to the English language, such as advertising and technical writing. The English language major along with a TESOL or editing minor is an especially strong combination.

Editing students find work in a variety of enterprises, including freelance work, publishing houses, businesses and corporations, and nonprofit organizations, such as government agencies, libraries, museums, schools, and universities. Editing graduates also edit and publish content in a variety of genres, such as books, magazines, scholarly works, web content, advertising and technical materials.

Students who complete the minor in Linguistic Computing will be prepared to perform language analysis with computational techniques, including with custom written computer code for particular tasks. Students will be valuable to companies and organizations that need linguistic analysis performed on large datasets in order to inform decisions. Jobs may be found in such fields as: automated text analysis such as analyzing online reviews or social media, machine translation with neutral networks, automated speech recognition, text-to-speech synthesis, language engineering, and other artificial intelligence fields using human language.

The teaching of English to speakers of other languages is an applied linguistics area of high demand, both within the United States and around the world. Both a TESOL minor and TESOL undergraduate certificate are offered by the department.

In addition, the linguistics, editing and publishing, and English language majors are excellent preparations for those planning graduate studies in areas as diverse as law, international business, tourism, library science, TESOL, communicative disorders, and speech pathology, not to mention graduate studies in specific languages or in linguistics itself.

# General Information

The Department of Linguistics strongly recommends that StDev 317, a 1-credit-hour course, be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**554901 - Linguistics (Minor)**
**554905 - Linguistic Computing (Minor)**
**554918 - Editing (Minor)**
**554920 - Linguistics (BA)**
**554923 - T E S O L (Minor)**
**554924 - Applied English Linguistics (BA)**
**554925 - Editing and Publishing (BA)**

## Courses

**ELING 150 - First-Year Writing for International Students**
**ELING 223 - Introduction to the English Language**
**ELING 273 - Introduction to English Linguistic Research Methods**
**ELING 310R - Writing Tutorial for Multilingual Students**
**ELING 322 - Modern American Usage**
**ELING 324 - History of the English Language**
**ELING 325 - The Grammar of English**
**ELING 326 - English Semantics and Pragmatics**
**ELING 327 - English Phonetics and Phonology**
**ELING 350 - Basic Editing Skills**
**ELING 351R - Editing Student Journals**
**ELING 362 - Discourse Analysis**
**ELING 375 - TESOL Listening, Speaking, and Pronunciation**
**ELING 376 - TESOL Reading, Writing, and Vocabulary**
**ELING 399R - Academic Internship: Editing and English Language**
**ELING 410R - Genre and Substantive Editing**
**ELING 415 - Business of Editing and Publishing**
**ELING 421R - Studies in Language or Editing**
**ELING 430R - Editing for Publication**
**ELING 447 - Early Modern English**
**ELING 448 - Late Modern English**
**ELING 468 - Introduction to Varieties of English**
**ELING 477 - TESOL Basic Course and Lesson Planning**
**ELING 478 - TESOL Practicum**
**ELING 495R - The Senior Course**
**ELING 496R - TESOL Internship**
**ELING 521R - Studies in Language**
**ELING 522 - Language Policy and Planning in English Language Contexts**
**ELING 524 - History of the Book**
**ELING 525 - Old English 1.**
**ELING 526 - Middle English**
**ELING 529 - Structure of Modern English**
**ELING 535 - Language and Literature**
**ELING 547 - Seminar in Early Modern English**
**ELING 548 - Old English 2**
**ELING 568 - Varieties of English**
**ESL 301 - Advanced Academic English for International Students**
**ESL 302 - Advanced English Pronunciation for International Students**
**ESL 303 - College Reading and Study Skills for International Students**
**ESL 304 - Academic Writing for International Students**
**ESL 305 - Applied Grammar for International Students**
**LING 110 - Introduction to Human Language**
**LING 198 - Career Explorations in Linguistics**
**LING 201 - Introduction to Linguistics (Modern)**
**LING 210 - Sounds of Language**
**LING 220 - Structure in Language**
**LING 230 - Meaning in Language**
**LING 240 - Linguistic Tools 1**
**LING 299R - Academic Internship: English Language Teaching**
**LING 310 - Phonetics**
**LING 315 - Phonology**
**LING 320 - Morphology**
**LING 325 - Syntax**
**LING 332 - Semantics**
**LING 335 - Pragmatics**
**LING 360 - (Ling-DigHT) Programming for Text Processing and Analysis**
**LING 361 - Speech Processing**
**LING 366 - Social Media/Marketing Analysis**
**LING 377R - Basic Training in TESOL**
**LING 399R - Academic Internship: Linguistics**
**LING 401 - Preparation for Graduate Studies in Linguistics**
**LING 421R - Studies in Linguistics**
**LING 440 - Linguistic Tools 2**
**LING 445 - Introduction to Psycholinguistics**
**LING 450 - Introduction to Historical-Comparative Linguistics**
**LING 452 - Introduction to Sociolinguistics**
**LING 460 - Typology**
**LING 461 - First Language Acquisition**

LING 462 - Second Language Acquisition
LING 478 - Language Teaching Methods: MTC
LING 480 - Problems in Translation
LING 485 - Corpus Linguistics
LING 495R - Senior Capstone
LING 498 - Career Preparation for Linguistics, Applied English Linguistics, and Editing & Publishing Majors.
LING 501 - Advanced Research and Writing Techniques for Second Language Writers
LING 542 - Field Methods in Linguistics
LING 545 - Psycholinguistics
LING 550 - Sociolinguistics.
LING 551 - Anthropological Linguistics
LING 558 - Historical-Comparative Linguistics
LING 580R - Problems in Linguistics and Applied Linguistics
LING 581 - Natural Language Processing
LING 585 - Research in Corpus Linguistics
LING 590R - Readings in Linguistics
LING 599R - Academic Internship: Linguistics
LING561 - Neurolinguistics
LING589R - Corpus Linguistics Topics
LINGC 220 - Linguistic Computing Programming 1
LINGC 489R - Linguistic Computing Project
LINGC 490R - Current Topics and Issues
LINGC 496R - Academic Internship: Linguistic Computing

# Philosophy, Department of Department

# Philosophy

Department of Philosophy

## Administration

**Chair**: David Jensen

**Department Information:**

4086 JFSB

801-422-2721

phil_dept@byu.edu

WEBSITE

**Advisement Center:**

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liberalarts@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

All degree programs in the Department of Philosophy are open enrollment until the end of a student's sophomore year (60 credit hours), after which permission to add a minor or double major, or to change an existing major/minor must be obtained from the advisement centers of both the current major and the new major. To declare a philosophy major or minor prior to the end of a student's sophomore year, please contact or visit the College of Humanities Advisement Center (students do not need permission from the department chairperson to add or change a philosophy major or minor).

# The Discipline

From its inception in ancient Greece down to the present, philosophy has sought to examine and understand life in all its wondrous complexity. In seeking answers to enduring questions about good and evil, the nature of the real, the limits of the knowable, and the enduring power of the beautiful, philosophy discloses its faith in the ability of reason to discover and communicate truth. Philosophy's correlative respect for the authority of logic and rational argument fosters an intellectual environment wherein open dialogue is essential and conflicting opinions are respected, but in which beliefs are carefully subjected to scrutiny, claims and criticisms to validation, and actions to the guiding lights of truth, goodness, and wisdom.

Students who study philosophy will find the discipline not only provides them invaluable insights into life's deepest concerns and questions, but also helps them develop an increased capacity for critical thought, perceptive judgment, and cogent argumentation. These benefits should prove invaluable for years to come in applications as diverse as raising a family, pursuing higher education, developing a career, and striving for spiritual enlightenment.

# Career Opportunities

Philosophy offers excellent preparation for a variety of career paths, but especially in law, medicine, business, and the health sciences. The value of a major or minor in philosophy resides in the intellectual development it promotes and the transferable skills it nourishes. Philosophy majors perennially top the charts in standardized exams like the GRE, LSAT, and MCAT, especially on the verbal aptitude and analytic thinking sections. Partly because of those high scores, but also because the discipline is so rigorous, philosophy students generally enjoy extremely high rates of acceptance to graduate programs and professional schools--regardless of the discipline. And with increasing frequency, studies show that philosophy majors who pursue business and other non-academic careers are often out-earning their non-philosophy colleagues by mid-career. No doubt, this is because philosophy students master the logic, reading, writing, and critical thinking skills that such pursuits so often require. In short, philosophy not only prepares students for a rewarding life, but for any type of work that requires highly developed abilities in analytical reasoning and effective communication.

# General Information

The Department of Philosophy strongly recommends that philosophy majors double-major in another field to help them complete the 120 hours required for graduation and to help prepare them for the job market. We also recommend that they consider taking StDev 317 and HColl 110. Because all liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, StDev 317 is recommended to help liberal arts students focus on specific educational and occupational goals and to introduce them to graduate/professional school and employment preparation strategies, internships, available educational opportunities, and a variety of career options. HColl 110 introduces students to the culture and academic landscape of the humanities, and teaches them how to market and employ their liberal arts education in today's challenging work environment.

Philosophy students are also encouraged both to complete one of the many internships supported and funded by the College of Humanities (regardless of individual career goals), to learn a foreign language, and if finances allow, to study abroad for a semester.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

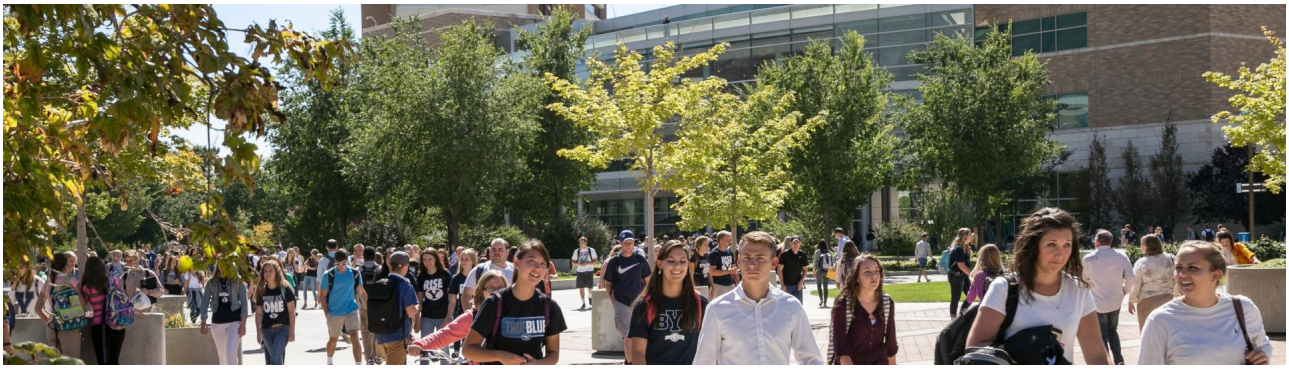
## Programs

555302 - Logic (Minor)
555303 - Philosophy (Minor)
555304 - Theoretical and Applied Ethics (Minor)
555320 - Philosophy (BA)

## Courses

PHIL 110 - Introduction to Philosophy
PHIL 150 - Reasoning and Writing
PHIL 200 - Philosophy Major Orientation
PHIL 201 - History of Philosophy 1
PHIL 202 - History of Philosophy 2
PHIL 205 - Introduction to Logic and Critical Thinking
PHIL 210 - Science and Civilization 1
PHIL 211 - Science and Civilization 2
PHIL 212R - Introduction to Applied Ethics
PHIL 212R - Introduction to Medical Ethics
PHIL 213 - Introduction to Ethics
PHIL 214 - Introduction to the Philosophy of Art
PHIL 215 - Introduction to the Philosophy of Religion
PHIL 217R - Social Contract Theory
PHIL 217R - Modern Political Philosophy
PHIL 217R - Social and Political Philosophy
PHIL 217R - Contemporary Political Philosophy
PHIL 217R - Classical and Medieval Political Philosophy
PHIL 217R - John Rawls
PHIL 249R - Philosophical Lecture Series
PHIL 300 - Philosophical Writing
PHIL 305 - Intermediate Formal Logic
PHIL 313R - Utilitarianism
PHIL 313R - History of Ethics
PHIL 320R - Socrates
PHIL 320R - Stoicism
PHIL 320R - Studies in Ancient Philosophy
PHIL 320R - Plato
PHIL 320R - Hellenistic Philosophy
PHIL 320R - Aristotle
PHIL 320R - Pre-Socratics
PHIL 320R - Neo-Platonism
PHIL 330R - Medieval Philosophy and Religion
PHIL 330R - Medieval Arabic Philosophers
PHIL 330R - Augustine
PHIL 330R - Studies in Medieval Philosophy
PHIL 330R - Aquinas
PHIL 340R - Kierkegaard
PHIL 340R - Continental Rationalism
PHIL 340R - Studies in Modern Philosophy
PHIL 340R - Locke
PHIL 340R - J. S. Mill
PHIL 340R - Kant
PHIL 340R - German Idealism
PHIL 340R - Leibniz
PHIL 340R - Descartes
PHIL 340R - Nietzsche
PHIL 340R - Hume
PHIL 340R - British Empiricism
PHIL 340R - Modern Political Theory
PHIL 340R - Hegel
PHIL 350R - Pragmatism
PHIL 350R - Husserl
PHIL 350R - Derrida
PHIL 350R - Gadamer
PHIL 350R - Wittgenstein
PHIL 350R - Levinas
PHIL 350R - Phenomenology
PHIL 350R - Philosophy of Social Science
PHIL 350R - Hermeneutics
PHIL 350R - Contemporary Political Theory
PHIL 350R - Sartre
PHIL 350R - Philosophy of Logic
PHIL 350R - Russell
PHIL 350R - Merleau-Ponty
PHIL 350R - Studies in Contemporary Philosophy
PHIL 350R - Heidegger
PHIL 350R - Peirce
PHIL 350R - Existentialism
PHIL 350R - Hannah Arendt
PHIL 360R - Non-Western Philosophy
PHIL 360R - Non-Western Philosophy
PHIL 360R - Hindu Philosophy
PHIL 360R - Buddhism
PHIL 370R - Women and Philosophy
PHIL 399R - Philosophy Program Internship
PHIL 405 - Advanced Logic and Metalogic
PHIL 413R - Virtue Theory
PHIL 413R - Skepticism
PHIL 413R - Objectivity, Subjectivity, and Relativism
PHIL 413R - Medical Ethics
PHIL 413R - Applied Ethics
PHIL 413R - Moral Psychology
PHIL 413R - The Good Life
PHIL 413R - Topics in Ethics
PHIL 413R - Environmental Ethics
PHIL 414R - Philosophy of Music
PHIL 414R - Topics in the Advanced Philosophy of Art, Architecture, Music, and Film
PHIL 414R - Philosophy of Art
PHIL 414R - Philosophy of Theater
PHIL 414R - Contemporary Art Theory
PHIL 414R - Philosophy and Literature
PHIL 414R - Film Criticism and Theory
PHIL 414R - Philosophy of Architecture
PHIL 415 - Philosophy of Religion
PHIL 416 - Philosophy of Law
PHIL 420 - Philosophy of Language
PHIL 421 - Metaphysics
PHIL 422 - Epistemology
PHIL 423R - History and Philosophy of Science
PHIL 423R - History of Medicine
PHIL 424 - Philosophy of Mind
PHIL 450R - Advanced Topics in Philosophy
PHIL 490 - Senior Seminar
PHIL 495R - Directed Readings in Philosophy
PHIL 501R - Graduate Seminar

# Spanish and Portuguese, Department of Department



# Spanish and Portuguese

Department of Spanish and Portuguese

## Administration

**Chair**: Scott Alvord

**Department Information:**

3190 JFSB

801-422-2837

span-port@byu.edu

WEBSITE

**Advisement Center:**

1041 JFSB

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WEBSITE

FACULTY

# Admission to Degree Program

Most degree programs in the Department of Spanish and Portuguese are open-enrollment programs. However, students wishing to declare a major in Spanish or Portuguese are asked to first stop by the department office to fill out a clearance form in order to facilitate scheduling a meeting with a faculty advisor.

The Spanish Teaching and Spanish Translation programs are limited-enrollment programs. For information on applying to these programs, please contact the department.

# The Discipline

The Spanish and Portuguese languages and literatures dominate the Iberian Peninsula, major parts of Africa, and the southern portion of the New World from Mexico to the Magellan Straits. Thirty countries have Spanish or Portuguese as an official or national language, with over 615 million speakers of these languages worldwide.

Such breadth—plus some 35 million speakers within the borders of the United States itself—gives multiple opportunities for developing skill in the spoken language, as well as in listening, reading, writing, and translation. Studying the Iberian roots of this large and important part of the population and learning about the people's perception of life also brings greater understanding of their values and their struggle for identity. A Spanish or Portuguese major makes for a demanding, intriguing, and pleasurable experience.

# Career Opportunities

The field of teaching has always provided good employment opportunities for Spanish majors. In addition, opportunities for both Spanish and Portuguese have been found in government service (translation, U.S. State Department, CIA, FBI, Border Patrol, Peace Corps, NSA, USIA), business, social work, airlines, banking, etc. Many majors go on to professional schools (law, medicine, dentistry, business, etc.), where a liberal arts background is advised. A strong minor or a second major in the employment area is strongly encouraged.

# Language Certificate Program

The Language Certificate Program is available in Spanish and Portuguese for all matriculated BYU students who are pursuing any BYU undergraduate degree. A student who meets the proficiency and course requirements may earn the Language Certificate. The proficiency requirement is met through the nationally recognized ACTFL Oral and Writing Proficiency Exams.

The Language Certificate Program is administered by the Center for Language Studies (3086 JFSB). For more information and course requirements, visit http://languagecertificate.byu.edu.

# General Information

## Spanish Resource Center

164 University Parkway Center, (801) 378-8107
E-mail: sp-rescenter@email.byu.edu

The Ministry of Education and Culture of Spain, in connection with the Department of Spanish and Portuguese and the Center for the Improvement of Teacher Education and Schooling (CITES), operates the Spanish Resource Center (Centro de Recursos). The purpose of the center is to provide an ample supply of books, computer programs, and didactic materials, both printed and audiovisual, related to the teaching of Spanish language and literature. Researchers, professors, students, educational institutions, coordinators, administrators, and in general all those who may be interested in the knowledge and promotion of Spanish are welcome. To increase the prestige of the Spanish language academically as well as socially, the Spanish Resource Center:

- Sponsors workshops, seminars, and work groups on topics related to teaching Spanish and researching linguistics and literature;
- Organizes conferences, film series, recitals, and cultural activities in general that relate to the Spanish language and culture; and
- Promotes and participates in all initiatives that are deemed appropriate and that favor acquisition and use of the Spanish language by students at different educational levels.

## Foreign Language Student Residence

The Foreign Language Student Residence provides live-in opportunities for students in Spanish and Portuguese. A twenty-four-hour-a-day Spanish or Portuguese rule assures participants intensive use of the language, under the direction of native speakers. Prerequisite to this experience is Span 205 or Port 201 or its equivalent; any exceptions must be approved by the department. For further information contact the department secretary or the Foreign Language Student Residence Office, 3086 JFSB, (801) 422-3765.

## Minor, Second Major, or Supporting Course Work Required for Spanish or Portuguese Majors

Students in the Spanish BA, Spanish Translation BA, and Portuguese BA programs are required to complete a minor (approximately 16-21 hours), second major (approximately 30-60 hours), or supporting course work (18 hours). Students in the Spanish Studies BA and Portuguese Studies BA programs, which are considered second-major programs, are required to complete a primary major in another field.

A minor is not required for students in the Spanish Teaching BA program, but a teaching minor in another subject is strongly recommended.

In order to declare a minor in Spanish Teaching or Portuguese Teaching, students must first declare a teaching major in another area.

For more information on program requirements, please refer to the webpage for each specific program.

## Spanish or Portuguese Language Immersion Experience

Students are strongly encouraged to participate in an intensive Spanish or Portuguese language/culture immersion experience such as the following:

1. Residency abroad (may include a Spanish or Portuguese LDS mission, attendance at a foreign university, an advanced exchange program, or similar intensive foreign residence).
2. Participating in BYU Study Abroad Programs in Spain, Portugal, or Latin America.
3. Participating in individual or group-arranged internship programs abroad as approved by the department.
4. Living in the Foreign Language Student Residence for a year or more, pledging to use only Spanish or Portuguese within the residence.
5. Participating in a service learning course that involves working intensively with the Spanish or Portuguese community.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**555407 - Portuguese (Minor)**
**555408 - Spanish (Minor)**
**555409 - Spanish Teaching (Minor)**
**555410 - Portuguese Teaching (Minor)**
**555420 - Portuguese (BA)**
**555421 - Spanish (BA)**
**555422 - Spanish Teaching (BA) ***
**555423 - Spanish Translation (BA) ***
**555427 - Portuguese Studies (Secondary Major) (BA)**
**555428 - Spanish Studies (Secondary Major) (BA)**

## Courses

**PORT 101 - First-Year Portuguese**
**PORT 102 - First-Year Portuguese**
**PORT 105 - Portuguese for Spanish Speakers 1**
**PORT 201 - Third-Semester Portuguese**
**PORT 202 - Fourth-Semester Portuguese: Reading and Comprehension**
**PORT 205 - Portuguese for Spanish Speakers 2**
**PORT 206 - Intensive Portuguese Skills Development**
**PORT 211R - Portuguese Conversation at the Intermediate Level**
**PORT 212 - Second-Semester Conversation**
**PORT 311R - Portuguese Conversation at the Advanced Level**
**PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture**
**PORT 322 - Third-Year Portuguese Grammar and Composition**
**PORT 323A - Portuguese for Medical Professions**
**PORT 323B - Portuguese for Business Professions**
**PORT 325 - Survey of Luso-Brazilian Linguistics**
**PORT 326 - Portuguese Phonetics and Pronunciation**
**PORT 330 - Introduction to Portuguese and Brazilian Literature**
**PORT 341 - Survey of Literature of Portugal**
**PORT 345 - Cultures of Portugal**
**PORT 351 - Survey of Literature of Brazil**
**PORT 355 - Cultures of Brazil**
**PORT 360 - Introduction to Translation**
**PORT 377 - Methods of Portuguese Teaching**
**PORT 395R - Contemporary Culture**
**PORT 399R - Academic Internship: Portuguese Language Field Experience**
**PORT 429R - Special Topics in Portuguese Linguistics**
**PORT 431R - African Literature in Portuguese**
**PORT 437R - Women Writers in Portuguese**
**PORT 438 - Luso-Brazilian Cinema**
**PORT 439R - Luso-Brazilian Theatre Production**
**PORT 442 - Camoes**
**PORT 447R - Special Topics in Cultures of Portugal**
**PORT 449R - Special Topics in Portuguese Literature**
**PORT 452 - Machado de Assis**
**PORT 453 - Twentieth-Century Brazilian Literature**
**PORT 457R - Special Topics in Cultures of Brazil**
**PORT 459R - Special Topics in Brazilian Literature**
**PORT 477R - Secondary Minor Student Teaching**
**PORT 480R - Directed Research in Portuguese**
**PORT 491 - Senior Proficiency Evaluation**
**PORT 493 - Capstone Course in Portuguese**
**PORT 520 - Advanced Portuguese Grammar**
**PORT 521 - Romance Philology**
**PORT 522 - History of the Portuguese Language**

**PORT 529R - Special Topics in Portuguese Linguistics**
**PORT 582R - Minicourse in Portuguese Linguistics**
**PORT 599R - Academic Internship: Portuguese Internship**
**SPAN 102 - Foundational Spanish 2**
**SPAN 106 - University Spanish 2**
**SPAN 112R - Spanish Conversation for High Beginners 2**
**SPAN 205 - University Spanish 3**
**SPAN 211R - Spanish Conversation at the Intermediate Level 1**
**SPAN 311R - Spanish Conversation at the Advanced Level 1**
**SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture**
**SPAN 323A - Spanish for Medical Professions**
**SPAN 323C - Spanish for Legal Professions**
**SPAN 326 - Spanish Phonetics and Pronunciation**
**SPAN 335 - Survey of Hispanic Literature for Spanish Teachers**
**SPAN 345 - Cultures of Spain**
**SPAN 355 - Cultures of Spanish America**
**SPAN 361 - Spanish to English Translation**
**SPAN 376 - Techniques of Spanish Instruction**
**SPAN 378 - Spanish Teaching Methods 2**
**SPAN 395R - Contemporary Culture**
**SPAN 411 - Spanish Conversation at the Superior Level**
**SPAN 423 - Border Spanish**
**SPAN 429R - Special Topics in Spanish Linguistics**
**SPAN 438 - Hispanic Cinema**
**SPAN 440 - Medieval Spanish Literature**
**SPAN 444 - Don Quijote.**
**SPAN 447R - Special Topics in Cultures of Spain**
**SPAN 449R - Special Topics in Spanish Literature**
**SPAN 452 - U.S. Latinx Literature**
**SPAN 455R - Spanish-American Poetry.**
**SPAN 457R - Special Topics in Cultures of Spanish America**
**SPAN 459R - Special Topics in Spanish American Literature**
**SPAN 467 - History and Theory of Translation**
**SPAN 469 - Translation and Interpretation Project**
**SPAN 478R - Secondary Minor Student Teaching**
**SPAN 491 - Senior Proficiency Evaluation**
**SPAN 496 - Secondary Spanish Teaching Internship**
**SPAN 521 - Romance Philology**
**SPAN 529R - Special Topics in Spanish Linguistics**
**SPAN 581R - Minicourse in Hispanic Literatures**
**SPAN 583R - Minicourse in Spanish Pedagogy**
**SPAN 599R - Academic Internship: Spanish Internship**
**PORT 581R - Minicourse in Luso-Brazilian Literatures**
**PORT 583R - Minicourse in Portuguese Pedagogy**
**SPAN 101 - Foundational Spanish 1**
**SPAN 105 - University Spanish 1**
**SPAN 111R - Spanish Conversation for High Beginners 1**
**SPAN 119R - Spanish Musical Performance**
**SPAN 206 - Intensive Spanish Skills Development**
**SPAN 212R - Spanish Conversation at the Intermediate Level 2**
**SPAN 312R - Spanish Conversation at the Advanced Level 2**
**SPAN 322 - Third-Year Spanish Composition**
**SPAN 323B - Spanish for Business Professions**
**SPAN 325 - Survey of Hispanic Linguistics**
**SPAN 330 - Introduction to Hispanic Literature**
**SPAN 341 - Survey of Literature of Spain**
**SPAN 351 - Survey of Literature of Spanish America**
**SPAN 360 - Introduction to Translation**
**SPAN 362 - English to Spanish Translation**
**SPAN 377 - Spanish Teaching Methods 1**
**SPAN 380 - Practicum in Teaching Spanish**
**SPAN 399R - Academic Internship: Spanish Language Field Experience**
**SPAN 421 - Fourth-Year Grammar**
**SPAN 425 - Contrastive Analysis of the Structures of Spanish and English**
**SPAN 437R - Women Writers in Spanish**
**SPAN 439R - Hispanic Theatre Production**
**SPAN 443R - Golden Age Literature**
**SPAN 446R - Nineteenth-Century Literature**
**SPAN 448R - Twentieth-Century Spanish Literature**
**SPAN 450R - Early Spanish-American Literature**
**SPAN 454R - The Spanish American Novel**
**SPAN 456R - Spanish American Drama**
**SPAN 458R - Hispanic-American Short Story**
**SPAN 465 - Spanish for Medical Interpretation**
**SPAN 468 - Literary Translation**
**SPAN 476 - Secondary Spanish Student Teaching**
**SPAN 480R - Directed Research in Spanish**
**SPAN 493 - Capstone Course in Spanish**
**SPAN 520 - Problems in Spanish Grammar**
**SPAN 522 - History of the Spanish Language**
**SPAN 577 - Spanish Language Teaching Procedures**
**SPAN 582R - Minicourse in Hispanic Linguistics**
**SPAN 585 - Student Journal Production**

# Public Health, Department of Department

# Public Health

Department of Public Health

## Administration

**Chair**: Joshua H West

**Advisement Center:**

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

All degree programs in the Department of Public Health are open enrollment.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**662531 - School Health Education (Minor)**

**662542 - Public Health: Environmental/Occupational Health (BS)**

662543 - Public Health: Epidemiology (BS)
662544 - Public Health: Health Promotion (BS)
662545 - Public Health: Health Science (BS)

## Courses

HLTH 101 - Health and the Human Body
HLTH 199R - Global Health Experiences
HLTH 201 - Contemporary Issues for Student Athletes
HLTH 210 - Foundations of Public Health
HLTH 276R - Exploration of Teaching
HLTH 312 - Introduction to Planning, Interventions, and Evaluation
HLTH 313 - Introduction to Data Collection and Analysis
HLTH 314 - Health, Disease and Their Determinants, Part 1
HLTH 315 - Health, Disease and Their Determinants, Part 2
HLTH 316 - Influencing Health through Health Systems and Policy
HLTH 320 - Advanced First Aid and Safety
HLTH 322 - Environmental Health
HLTH 324 - Occupational Health and Safety
HLTH 330 - Principles and Practices of Health Promotion
HLTH 332 - Technology in Health Promotion
HLTH 335 - Health Behavior Change
HLTH 345 - Principles of Epidemiology
HLTH 381 - School Health Education Methods and Curriculum A
HLTH 382 - School Health Education Methods and Curriculum B
HLTH 383 - Mind/Body Health
HLTH 403R - Special Topics
HLTH 413 - Refugee and Migrant Health
HLTH 420 - Injury and Violence Prevention
HLTH 422 - Disaster Response and Emergency Preparedness
HLTH 425 - Working with Vulnerable and Diverse Populations
HLTH 426 - Environmental Toxicology
HLTH 428 - Occupational Exposure Assessment Lab
HLTH 429 - Environmental Exposure Assessment Lab
HLTH 431 - Health Communication and Advocacy
HLTH 434 - Advanced Evaluation Methods
HLTH 436 - Sexuality Education in the Curriculum
HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)
HLTH 442 - Special Topics in Epidemiology
HLTH 447 - Introduction to Biostatistics
HLTH 449 - Epidemiologic Study Design & Analysis
HLTH 450 - Women's Health
HLTH 456 - Families and Public Health
HLTH 460 - Substance Use Disorders and the Individual, Family, and Community
HLTH 466 - Health and the Aging Process
HLTH 476 - Secondary Student Teaching
HLTH 477R - Secondary Minor Student Teaching
HLTH 480 - International Health
HLTH 481 - Applied International Health
HLTH 482 - Medical Geography
HLTH 491R - Mentored Research
HLTH 492R - Directed Public Health Readings
HLTH 493 - Epidemiology Capstone
HLTH 494 - Health Promotion Capstone: Advanced Program Planning
HLTH 495 - Health Science Capstone: Integrating Public Health and Primary Care
HLTH 496R - Academic Internship: Health Promotion
HLTH 496R - Academic Internship: Environmental/Occupational Health
HLTH 496R - Academic Internship: Epidemiology
HLTH 496R - Academic Internship: Health Science

# Exercise Sciences, Department of Department

# Exercise Sciences

Department of Exercise Sciences

## Administration

**Chair**: Ty Hopkins
**Associate Chair:** Matthew K. Seeley

**Department Information:**

106 SFH

801-422-6507

exscoffice@byu.edu

WEBSITE

**Advisement Center:**

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

Please see Life Sciences Advisement for specific details on enrolling in each major. They are located in 2060 LSB; 801-422-3042 or lifesciences@byu.edu.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**663434 - Exercise & Wellness (BS)**
**663435 - Exercise Science (BS)**
**663438 - General Studies: Exercise and Wellness (BGS)**

## Courses

**EXSC 151 - Introduction to Exercise Sciences**
**EXSC 221 - Science of Wellness**
**EXSC 320 - Basic Athletic Training**
**EXSC 321 - Basic Athletic Training Lab**
**EXSC 349 - Body, Mind, Spirit**
**EXSC 350 - Research Methods and Evidence Based Practices**
**EXSC 360 - Exercise Is Medicine**
**EXSC 362 - Kinesiology and Biomechanics**
**EXSC 385 - Personal Training Strategies**
**EXSC 387 - Lifestyle and Chronic Disease Prevention**
**EXSC 399R - Exercise Sciences Internship**
**EXSC 399R - Huntsman World Senior Games Internship**
**EXSC 410 - Stress Management**
**EXSC 423 - Administration of Athletic Training Programs**
**EXSC 440 - Advanced Musculoskeletal Human Anatomy (includes lab)**
**EXSC 455 - Worksite Health Promotion**
**EXSC 460 - Orthopaedic Impairments and Therapeutic Exercise**
**EXSC 462 - Clinical Biomechanics**
**EXSC 463 - Exercise Physiology**
**EXSC 464 - Exercise Physiology Lab**
**EXSC 466 - Introduction to Electrocardiograms**
**EXSC 468 - Exercise Prescription**

**EXSC 470 - Functional Neuroanatomy**
**EXSC 480 - Obesity and Weight Management**
**EXSC 485 - Exercise and Wellness Certification Preparation**
**EXSC 488 - Motor Control**
**EXSC 497R - Undergraduate Research and Study**
**EXSC 498 - Capstone Experience in Athletic Training**
**EXSC 501 - Pathophysiology for the Athletic Trainer**
**EXSC 514 - Advanced Athletic Training Lab**
**EXSC 515 - Therapeutic Interventions 1, Modalities**
**EXSC 516 - Orthopedic Evaluation 1: Lower Extremities**
**EXSC 517 - Orthopedic Evaluation 2: Upper Extremities and Trunk**
**EXSC 518 - Therapeutic Interventions 2, Rehabilitation**
**EXSC 519 - Medical Issues in Athletic Training**
**EXSC 563 - Environmental Physiology**

# Dance, Department of Department

# Dance

Department of Dance

## Administration

**Chair**: Shayla Bott

**Department Information:**

294 RB

801-422-5087

dance@byu.edu

WEBSITE

**Advisement Center:**

1190 WCCB

801-422-3777

cfacadvise@byu.edu

WEBSITE

FACULTY

# Mission

The Department of Dance integrates body, mind, and spirit through performance, choreography, teaching, scholarship.

# General Information

Brigham Young University has been an accredited institutional member of the National Association of Schools of Dance since 1989. The BYU Department of Dance provides a broad base for professional training in both the classroom and the studio. The department is organized administratively into four areas: Ballet, Ballroom Dance, Contemporary Dance, and World Dance. These areas work cooperatively to provide

opportunities for all students at the university to develop their potential in dance. To this end, the department offers a wide variety of foundational courses.

Our versatile undergraduate program includes four degrees: Bachelor of Arts (BA) in Dance, Bachelor of Arts (BA) in Dance Education K-12, Bachelor of Fine Arts (BFA) in Dance, and Bachelor of Fine Arts (BFA) in Music Dance Theatre (MDT). The Dance BA is an open enrollment program; the Dance Education, Dance BFA, and MDT programs require audition to be admitted to the program. Students are encouraged to declare pre-majors for these majors upon arrival to campus. Pre-major requirements: Dance Education K-12 pre-major; Dance BFA pre-major; MDT pre-major.

Intensive major course work in the Dance BA, Dance Education and Dance BFA programs include studies in the dance sciences, dance history, and additional academic work that develops performance, choreography, teaching, scholarship and leadership skills in all types of dance.

Performing opportunities are provided both on and off campus with various groups, some that travel locally, nationally and internationally. Most dance technique and performance classes are not restricted to dance majors. Placement in technique and performance classes is determined by audition.

At Brigham Young University, dance celebrates the best in humankind and strives to enrich the lives of all who experience it.

## Career Opportunities

Traditional career paths in the dance field include teaching, performance, and choreography. Teaching opportunities are available in a variety of venues, including but not limited to colleges and universities (for those with graduate degrees), K-12 public and private schools, community education and recreational programs, private studios, health and fitness facilities, preschool and day care centers, and rehabilitative facilities. Performing opportunities are available by audition with professional and regional companies and in theatrical, television, and film production. Opportunities to create choreographic work as either a guest or resident artist are also available in various venues, including but not limited to professional and regional companies, university dance programs, public and private schools, private studios, community programs, theatrical, television and film venues. Equally rewarding dance-related careers are also available in the areas of dance and arts administration, criticism, dance athletic training, dance therapy, history, research, notation, and reconstruction, and theater arts studies. A degree in dance also has many transferrable skills that relate to creativity, communication, collaboration and critical thinking (21st Century Skills).

## Admission to Degree Programs

1. The Bachelor of Art (BA) in Dance is an open enrollment program. Students may enter the Dance BA program by declaring it as a major upon acceptance to the university.
2. The Bachelor of Arts (BA) in Dance Education K-12, Bachelor of Fine Arts (BFA) in Dance, and Bachelor of Fine Arts in Music Dance Theatre (MDT) are limited enrollment programs. Students must audition for acceptance into these degree programs. Please see the Dance Department website (dance.byu.edu) and/or major program coordinators for dates and specific details regarding each program.

## Departmental Requirements

1. All dance technique courses require a grade of at least B– and faculty approval for advancement to next level.
2. Majors must complete annual mandatory advisement and follow the MAP sheet to assure successful course sequencing. Failure to follow suggested course sequencing may result in delayed graduation.
3. Exceptions to major course requirements and sequencing are strongly discouraged and rarely granted.
4. Majors are counseled to maintain healthy lifestyle practices.

## Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# BYU

## Programs

663901 - Cultural Dance (Minor)
663921 - Dance (BA)
663922 - Dance Education K-12 (BA) *
663933 - Dance (BFA) *
663940 - Contemporary Dance (Minor)
663942 - Ballroom Dance (Minor)
663943 - Ballet (Minor)

## Courses

DANCE 131 - Jazz Dance, Beginning
DANCE 135 - Tap Dance, Beginning
DANCE 140 - Contemporary Modern Dance, Beginning
DANCE 164 - Music for Movement
DANCE 170 - Cultural Dance Introduction
DANCE 171 - American Clog Dance, Beginning
DANCE 172 - American Folk Dance Forms, Beginning
DANCE 173R - Culture-Specific Dance Beginning
DANCE 174 - Irish Dance, Beginning
DANCE 175 - Polynesian Dance, Beginning
DANCE 180 - Social Dance, Beginning
DANCE 181 - Country Western Social Dance, Beginning
DANCE 184 - Ballroom Dance, International Beginning
DANCE 185 - Latin Dance, International Beginning
DANCE 190 - Ballet, Beginning
DANCE 192 - Character Dance
DANCE 229R - Dance Performance 1
DANCE 230 - Conditioning
DANCE 231R - Jazz Dance Technique 1
DANCE 233 - Aerial Dance Technique
DANCE 234 - Pilates
DANCE 235R - Tap Dance Technique 1
DANCE 240R - Contemporary Modern Dance, Technique and Theory 1
DANCE 241R - Contemporary Modern Dance, Technique and Theory 2
DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
DANCE 244R - Beginning Creative Processes
DANCE 245 - Foundational Street Dance Styles
DANCE 260 - Introduction to Dance
DANCE 261 - Freshman Seminar in Dance
DANCE 264 - Music for Dancers
DANCE 270 - Cultural Dance Technique 1
DANCE 271R - Clogging Dance Intermediate Technique 1
DANCE 272R - Culture-Specific Dance Technique 1
DANCE 273R - Hungarian Dance Technique 1
DANCE 274R - Irish Dance Technique 1
DANCE 275 - Polynesian Dance Technique 1
DANCE 276R - Exploration of Teaching
DANCE 277 - Spanish Dance Technique 1
DANCE 278 - Ukrainian Dance Technique 1
DANCE 279 - Indian Dance Technique 1
DANCE 280 - Social Dance, Technique 1
DANCE 281 - Country Western Social Dance, Intermediate
DANCE 284 - Ballroom Dance, International Technique 1
DANCE 285 - Latin Dance, International Technique 1
DANCE 290 - Ballet Accelerated Technique 1
DANCE 291R - Ballet Technique 2
DANCE 294R - Ballet Technique, Men
DANCE 300 - Music Theatre in Contemporary Culture
DANCE 317 - Advanced Writing for Dance
DANCE 320R - Young Ambassadors
DANCE 326 - Dance for the Elementary Classroom
DANCE 327R - Living Legends
DANCE 328 - Script, Movement and Score Analysis
DANCE 331R - Jazz Dance Technique 2
DANCE 335R - Tap Dance Technique 2
DANCE 340R - Contemporary Modern Dance, Technique and Theory 3
DANCE 341R - Contemporary Modern Dance Technique Forms
DANCE 342 - Kinesiology for Dancers
DANCE 343 - Principles of Somatics
DANCE 345 - Accelerated Street Dance Styles
DANCE 346 - Dance and Diaspora
DANCE 348R - Kinnect
DANCE 351 - Laban Movement Analysis
DANCE 354 - Dance and Identity
DANCE 355 - Dance Production, Introduction
DANCE 357 - Dance - A Reflection of Culture
DANCE 358 - Dance and Film
DANCE 359R - Special Topics and Issues
DANCE 362 - Contemporary Modern Dance Choreography Intermediate
DANCE 363R - Dance Improvisation, Intermediate
DANCE 364 - Contemporary Partnering
DANCE 365 - Creative Dance for Elementary Education
DANCE 366 - Methods of Teaching Contemporary Modern Dance
DANCE 367 - Methods of Teaching Children's Creative Dance
DANCE 368R - DancEnsemble - Contemporary Dance Performance and Choreography
DANCE 370 - Cultural Dance Technique 2
DANCE 371R - Clog Dance Technique 2
DANCE 373R - Hungarian Dance Technique 2
DANCE 374R - Irish Dance Technique 2
DANCE 376 - Methods of Teaching Cultural Dance
DANCE 377 - Cultural Dance Choreography
DANCE 378R - Folk Dance Performance
DANCE 380R - Social Dance, Technique 2
DANCE 382R - Ballroom Dance, International Technique 2
DANCE 383R - Latin Dance, International Technique 2
DANCE 384R - Ballroom Dance, International Technique 3
DANCE 385R - Latin Dance, International Technique 3
DANCE 386 - Methods of Teaching Social Dance
DANCE 387 - Ballroom Dance Choreography
DANCE 388R - Ballroom Dance Performance, Intermediate.
DANCE 390R - Ballet Technique 3
DANCE 391R - Ballet Technique 4
DANCE 392R - Ballet Pointe 1
DANCE 393R - Ballet Pointe 2
DANCE 396 - Methods of Teaching Ballet.
DANCE 397R - Ballet Choreography
DANCE 398R - Theatre Ballet Studio Company
DANCE 399R - Academic Internship: Ballroom Dance

DANCE 399R - Academic Internship: Dance BFA
DANCE 399R - Academic Internship: Dance Education
DANCE 429R - Dance Performance 2
DANCE 459 - Seminar in Dance
DANCE 461 - Dance History 2
DANCE 465 - K-12 Dance Curriculum Design
DANCE 468R - Contemporary Dance Theatre
DANCE 474R - Percussive Step Styles
DANCE 478R - International Folk Dance Ensemble
DANCE 484R - Ballroom Dance, International Technique 4
DANCE 486 - Theory and Notation of International Ballroom Dance
DANCE 488R - Ballroom Dance Performance Company
DANCE 490R - Ballet Technique 5
DANCE 495R - Pas de Deux
DANCE 500R - Workshop in Ballroom
DANCE 500R - Studies in Dance
DANCE 544R - Advanced Studio Workshop
DANCE 399R - Academic Internship: General Dance
DANCE 426 - Music Dance Theatre: Senior Performance Project
DANCE 440R - Contemporary Modern Dance Technique and Theory 4
DANCE 460 - Dance History and Theory
DANCE 462R - Dance Choreography, Advanced.
DANCE 466 - Dance Teaching Practicum and Classroom Management
DANCE 469 - Capstone in Dance
DANCE 476 - Secondary Student Teaching
DANCE 480R - Social Dance, Technique 3
DANCE 485R - Latin Dance, International Technique 4
DANCE 487 - Theory and Notation of International Latin Dance
DANCE 489R - Preparation for Ballroom Dance Competitions
DANCE 494R - Ballet Pointe/Variations
DANCE 498R - Theatre Ballet
DANCE 500R - Workshop in Ballet
DANCE 540R - Advanced Dance Technique in a Workshop Setting

# Experience Design and Management, Department of Department

# Experience Design and Management

Department of Experience Design and Management

## Administration

**Chair**: Neil R Lundberg

**Department Information:**

W419 TNRB

801-422-3163

exdmsec@byu.edu

WEBSITE

**Advisement Center:**

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

The degree programs in the school carry special enrollment limitations. Please see the BYU Marriott School of Business Undergraduate Advisement Center for specific details.

# The Discipline

The Experience Design and Management major is comprised of a 21-credit core of classes and a variety of elective courses focused on specific career paths. Students in ExDM learn how to design, deliver, and manage experience journeys. Our versatile students employ interdisciplinary design principles, management science, and positive psychology to deliver impactful experiences across diverse contexts.

The interdisciplinary nature of ExDM allows students the opportunity to complete not only their departmental coursework but also learn from BYU Marriott courses as well. BYU Marriott courses prepare students in the areas of leadership and management skills, accounting and finance, marketing, human resources, andcurrent societal issues and trends related to experience-based choices and behaviors.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**664521 - Experience Design and Management (BS) ***

## Courses

**EXDM 123 - Introduction to Outdoor Recreation Activities**
**EXDM 223R - Mountain Biking**
**EXDM 223R - Wilderness Trek**
**EXDM 223R - Outdoor Skills Leadership**
**EXDM 223R - Family Outdoor Recreation**
**EXDM 223R - Ski Instructor**
**EXDM 223R - Basic Backpacking**
**EXDM 223R - Winter Camping**
**EXDM 301 - Family Recreation**
**EXDM 303 - Introduction to Sports and Entertainment Industries**
**EXDM 307 - Sport and Entertainment Venue Management**
**EXDM 404 - Experience Design**
**EXDM 406 - Experience Design and Management Career Expeditions**
**EXDM 415 - Experience-Centric Management**
**EXDM 418 - Designing for Inclusion and Belonging**
**EXDM 423 - Experience Insights**
**EXDM 431 - Guest, Visitor, and Customer Experience Management**
**EXDM 494R - Experience Design and Management Lab**
**EXDM 496R - Senior Internship**
**EXDM 199R - Academic Internship: Practicum**
**EXDM 223R - Sailing**
**EXDM 223R - River Recreation**
**EXDM 223R - Camping Skills**
**EXDM 223R - Rock Climbing**
**EXDM 223R - Hiking and Survival**
**EXDM 223R - Fly Fishing**
**EXDM 300 - Creating a Good Life through Experience Design**
**EXDM 302 - Hospitality Management**
**EXDM 306 - Community Festivals and Special Events**
**EXDM 311 - Advances in Positive Psychology in Experience Design**
**EXDM 405 - Theories, Frameworks and Careers in Experience Design and Management**
**EXDM 411 - Risk Management in Experience Industries**
**EXDM 416 - Experiential Marketing**
**EXDM 422 - Experience Needfinding**
**EXDM 430 - Current Trends and Opportunities in the Experience Economy**
**EXDM 490R - Topics in Experience Design and Management**
**EXDM 495 - Professional Preparation in Experience Design and Management**
**EXDM 585R - Experience Design Research Seminar**

TRM 199R - Academic Internship: Practicum
TRM 401 - Introduction to Therapeutic Recreation
TRM 420 - Programming and Interventions in Therapeutic Recreation
TRM 422 - Leadership and Facilitation Techniques in Therapeutic Recreation
TRM 496R - Senior Internship
TRM 400 - Inclusion and Disabilities in Therapeutic Recreation
TRM 410 - Assessment and the Therapeutic Recreation Process
TRM 421 - Issues in Administration of Therapeutic Recreation
TRM 490R - Topics in Therapeutic Recreation and Management

# Chemistry and Biochemistry, Department of Department

# Chemistry and Biochemistry

Department of Chemistry and Biochemistry

## Administration

**Chair**: Jaron C Hansen

**Department Information:**

C-104 BNSN

801-422-6269

suemort@chem.byu.edu

WEBSITE

**Advisement Center:**

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

All degree programs in the Department of Chemistry and Biochemistry are open enrollment. However, special limitations apply for chemistry education majors.

# The Discipline

Chemists and biochemists study the fundamental processes that govern the natural world, including atomic structure and how atoms interact to form molecules and materials. They study the mechanisms of chemical processes, including those that underpin living systems such as the transfer of information from DNA to RNA to proteins. They work to develop simplifying models (theories) that permit the correlation and explanation of observations about the behavior of matter. Chemical principles are fundamental to the understanding of subjects ranging from the

molecular biology of life to the structure of rocks and minerals. Chemistry and biochemistry provide an essential foundation for the medical sciences, engineering (especially chemical engineering), electronics, energy, environmental sciences, materials science, pharmacy, and virtually all manufacturing processes.

Chemistry and biochemistry are active branches of science that are vital to human existence. Inasmuch as the field embraces all aspects of the material world, it is subdivided into five areas of interest. Examples of these diverse areas include the regulation of protein synthesis, cellular signal transduction at the molecular level and proteometrics (biochemistry), design and synthesis of medicinal compounds (organic chemistry), design and synthesis of new molecular structures and materials (inorganic chemistry), spectroscopic study of energy transfer and molecular structures (physical chemistry), and analysis of medicinal compounds, biological materials, and contaminants or trace elements found in the environment (analytical chemistry).

Chemistry and biochemistry involve far more than test tubes and beakers. They include sophisticated methodologies such as recombinant DNA technology, working with a variety of instruments such as mass spectrometers, calorimeters, chromatographs, ultracentrifuges, lasers, X-ray diffractometers, electron microscopes and nuclear magnetic resonance spectrometers, all of which are used by undergraduate chemistry and biochemistry students at BYU. Computers also play an important role in these disciplines, with applications varying from simulation of molecules to the collection and analysis of data. The chemistry and biochemistry curricula are both rigorous and intellectually rewarding.

# Career Opportunities

Graduates in chemistry and biochemistry obtain positions in education and many different industries, performing analysis, synthesis, characterization, observation, and modeling. Those who work hard, are creative, and have intellectual curiosity are in particular demand. The discipline also provides an excellent preprofessional course of study for those interested in medicine, dentistry, law, and business.

# General Information

## Required High School Preparation

1. It is recommended that a student complete the following courses in high school:
    - 3 units of English.
    - 2 units of physical science, chemistry, and physics.
    - 4 units of mathematics, consisting of 2.5 units of algebra, 1 unit of geometry, and 0.5 unit of trigonometry. This should qualify students to begin college mathematics with Math 112, analytic geometry and calculus.

      Because mathematics provides the foundation for all work in the physical and mathematical sciences, particular attention should be paid to high school preparation in this subject.

      To decide which mathematics course should be taken first, contact the Mathematics Department, 292 TMCB, and request a mathematics placement test.
2. All students, especially freshmen and those transferring, should contact the department between March and August each year for advisement about efficient course scheduling and opportunities for student employment.

# Scholarships

Kenneth W. Brighton, H. Tracy Hall, Ida Tanner Hamblin, Boyd A. Waite, Byron J. Wilson, Hiram and Permelia Dayton, Dennis and Shirley Knudson, Parley N. & P. LeRoi Nelson, and other scholarships are available to qualified chemistry majors at the sophomore level and above.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

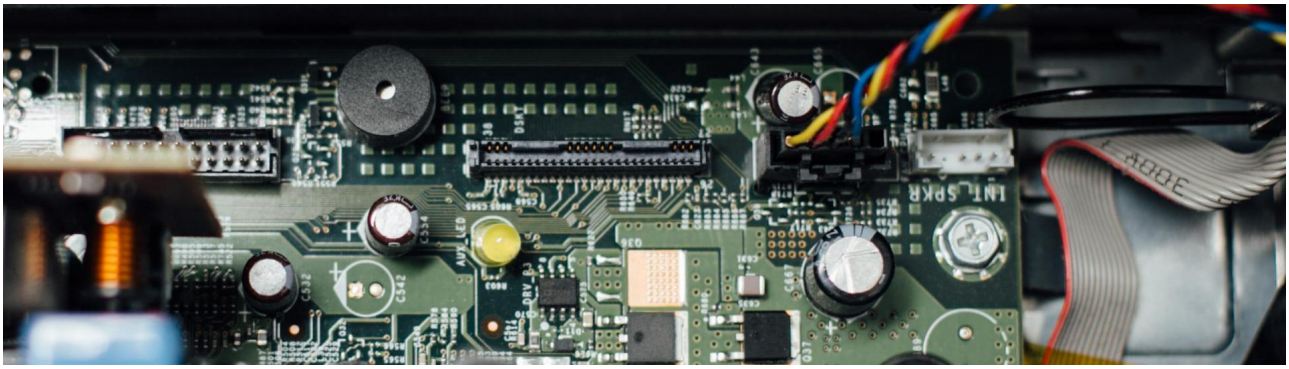
## Programs

**692801 - Chemistry (Minor)**
**692802 - Chemistry Education (Minor)**
**692821 - Chemistry (BS)**
**692826 - Biochemistry (BS)**
**692827 - Chemistry (BA)**
**692828 - Chemistry Education (BS)**

## Courses

**CHEM 100 - Elementary College Chemistry**
**CHEM 101 - Introductory General Chemistry**
**CHEM 102 - Concepts of Chemistry**
**CHEM 105 - General College Chemistry 1 with Lab (Integrated)**
**CHEM 106 - General College Chemistry 2**
**CHEM 107 - General College Chemistry Laboratory**
**CHEM 111 - Principles of Chemistry 1**
**CHEM 112 - Principles of Chemistry 2**
**CHEM 113 - Introductory General Chemistry Laboratory**
**CHEM 195 - Freshman Seminar**
**CHEM 201 - Chemical Handling and Safe Laboratory Practices**
**CHEM 227 - Principles of Chemical Analysis**
**CHEM 285 - Introductory Bio-organic Chemistry**
**CHEM 297R - Research Training Experience**
**CHEM 331 - Guided Learning for Chemistry Instruction**
**CHEM 351 - Organic Chemistry 1**
**CHEM 351M - Organic Chemistry 1 - Majors**
**CHEM 352 - Organic Chemistry 2**
**CHEM 352M - Organic Chemistry 2 - Majors**
**CHEM 353 - Organic Chemistry Laboratory--Nonmajors.**
**CHEM 354 - Organic Chemistry Laboratory--Majors**
**CHEM 355 - Organic Chemistry Laboratory 2 - Nonmajors**
**CHEM 357 - Industrial Organic Chemistry**
**CHEM 381M - Fundamentals of Biochemistry**
**CHEM 384 - Biochemistry Methods**
**CHEM 391 - Technical Writing Using Chemical Literature**
**CHEM 397R - Mentored Outreach and Service Learning**
**CHEM 455 - Synthesis and Qualitative Organic Analysis**
**CHEM 460 - Mathematics for Physical Chemistry**
**CHEM 462 - Physical Chemistry 1**
**CHEM 463 - Physical Chemistry 2**
**CHEM 464 - Physical Chemistry Laboratory 1**
**CHEM 465 - Physical Chemistry Laboratory 2**
**CHEM 467 - Physical Chemistry for Engineers**
**CHEM 468 - Biophysical Chemistry**
**CHEM 477R - Secondary Minor Student Teaching**
**CHEM 481 - Biochemistry.**
**CHEM 482 - Mechanisms of Molecular Biology**
**CHEM 489 - Structural Biochemistry**
**CHEM 495 - Senior Seminar**
**CHEM 496R - Academic Internship: Chemistry and Biochemistry**
**CHEM 497R - Mentored Learning in Chemistry/Biochemistry**
**CHEM 498R - Capstone Experience in Chemistry/Biochemistry**
**CHEM 500 - (Chem-C S-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math**
**CHEM 502 - Job Search Strategies**
**CHEM 514 - Inorganic Chemistry**
**CHEM 518 - Advanced Inorganic Laboratory**
**CHEM 521 - Instrumental Analysis Lecture**
**CHEM 523 - Instrumental Analysis Laboratory**
**CHEM 552 - Advanced Organic Chemistry**
**CHEM 553 - Advanced Organic Chemistry**
**CHEM 555 - Organic Spectroscopic Identification**
**CHEM 561 - Chemical Thermodynamics**
**CHEM 563 - Reaction Kinetics**
**CHEM 565 - Introduction to Quantum Chemistry**
**CHEM 567 - Statistical Mechanics**
**CHEM 569 - Fundamentals of Spectroscopy**
**CHEM 571 - Polymer and Materials Chemistry**
**CHEM 575 - X-ray Diffraction Theory & Practice**
**CHEM 581 - Advanced Biochemical Methodology 1**
**CHEM 583 - Advanced Biochemical Methodology 2**
**CHEM 584 - Advanced Biochemistry Methods 1**
**CHEM 586 - Advanced Biochemistry Methods 2**
**CHEM 594R - General Seminar**
**CHEM 596R - Special Topics in Chemistry**

# Computer Science, Department of Department



# Computer Science

Department of Computer Science

## Administration

**Chair**: Kevin Darrell Seppi

**Department Information:**

3361 TMCB

801-422-3027

csoffice@cs.byu.edu

WEBSITE

**Advisement Center:**

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

The BS in Computer Science, the Bioinformatics Emphasis and the Data Science Emphasis degree programs in the Department of Computer Science are open enrollment. The Animation Emphasis is limited enrollment and requires admission. For more information about the CS Animation Emphasis, visit cs.byu.edu/animation.

# The Discipline

Computer science touches virtually every area of human endeavor. Software is responsible for everything from the control of kitchen appliances to sophisticated climate models used in predicting future environmental change. Students in computer science learn to approach complex problems in business, science, and entertainment using their strong background in mathematics, algorithms, and data structures.

The degree programs in the Computer Science Department prepare students to be confident software developers and technical problem solvers. The curriculum also trains students for research into new avenues where computers will have a significant impact.

The BS curriculum is accredited by the Computing Accreditation Commission of ABET.

# Career Opportunities

Graduates pursue exciting opportunities in graphics, artificial intelligence, software engineering, database design, scientific programming, systems administration, and research at universities and national laboratories.

Students completing the animation emphasis will be prepared for technical positions at animation and game programming studios. Students will learn both the technical and artistic side of creating and implementing digital animations and games.

The Bioinformatics emphasis is designed for students who are interested in building software to assist in analyzing biological systems. Students will graduate with a significant background in biology coupled with the software development and analysis skills necessary to implement large bioinformatics applications.

# Animation Degree Program

The BFA in animation is an interdisciplinary degree offered by the College of Fine Arts and Communications through the cooperative involvement of the Department of Theatre and Media Arts, the Department of Design, and the College of Physical and Mathematical Sciences' Computer Science Department. Please see the Design section of this catalog for degree requirements, or go to the College of Fine Arts and Communications Advisement Center for more information about entrance requirements to this program.

# General Information

Personnel in the College of Physical and Mathematical Sciences Advisement Center will advise regarding core courses and suggested general education. Questions regarding curriculum and career decisions should be directed to the undergraduate advisor in the Computer Science Department.

**Note:** All hours of credit applied toward a major in computer science must be of C– or better. Students may choose to graduate under later requirements by updating their date of entry into the major at the college advisement center.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**693201 - Computer Science Teaching (Minor)**
**693202 - Computer Science (Minor)**
**693220 - Computer Science (BS)**
**693222 - Computer Science: Bioinformatics (BS)**
**693223 - Computer Science: Animation and Games (BS) ***
**693224 - Computer Science: Machine Learning (BS)**
**693225 - Computer Science: Software Engineering (BS)**

## Courses

**C S 110 - How to Program**
**C S 111 - Introduction to Computer Science**
**C S 142 - Introduction to Computer Programming**
**C S 180 - Introduction to Data Science**
**C S 199R - Academic Internship**
**C S 201R - Topics in Computer Science**
**C S 202 - Software Engineering Lab 1**
**C S 203 - Software Engineering Lab 2**
**C S 204 - Software Engineering Lab 3**
**C S 224 - Introduction to Computer Systems**
**C S 235 - Data Structures and Algorithms**
**C S 236 - Discrete Structures**
**C S 240 - Advanced Software Construction**
**C S 252 - Introduction to Computational Theory**
**C S 256 - Introduction to Human Computer Interaction**
**C S 260 - Web Programming**
**C S 301R - Topics in Computer Science**
**C S 312 - Algorithm Design and Analysis**

**C S 324 - Systems Programming**
**C S 329 - Testing, Analysis, and Verification**
**C S 330 - Concepts of Programming Languages**
**C S 340 - Software Design**
**C S 345 - Operating Systems Design**
**C S 355 - Interactive Graphics and Image Processing**
**C S 356 - Advanced Techniques in Human Computer Interaction**
**C S 393 - Advanced Algorithms and Problem Solving**
**C S 401R - Topics in Computer Science**
**C S 404 - Ethics and Computers in Society**
**C S 405 - Creating and Managing a Software Business**
**C S 412 - Linear Programming and Convex Optimization**
**C S 428 - Software Engineering**
**C S 431 - Algorithmic Languages and Compilers**
**C S 450 - Computer Vision**
**C S 452 - Database Modeling Concepts**
**C S 453 - Fundamentals of Information Retrieval**
**C S 455 - Computer Graphics**
**C S 456 - Mobile and Ubiquitous Human-Computer Interaction**
**C S 460 - Computer Communications and Networking**
**C S 462 - Large-Scale Distributed System Design**
**C S 465 - Computer Security**
**C S 466 - Blockchain Technologies**
**C S 470 - Introduction to Artificial Intelligence**
**C S 471 - Voice User Interfaces**
**C S 472 - Introduction to Machine Learning**
**C S 474 - Introduction to Deep Learning**
**C S 477R - Secondary Minor Student Teaching**
**C S 479 - Introduction to Machine Translation**
**C S 480 - Software Engineering Capstone 1**
**C S 481 - Software Engineering Capstone 2**
**C S 482 - Data Science Capstone 1**
**C S 483 - Data Science Capstone 2**
**C S 486 - Verification and Validation**
**C S 493R - Computing Competitions**
**C S 494 - Capstone 1**
**C S 495 - Capstone 2**
**C S 497R - Undergraduate Research**
**C S 498R - Undergraduate Special Projects**
**C S 500 - (C S-Chem-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math**

**C S 501R - Advanced Topics in Computer Science**
**C S 502 - Job Search Strategies**
**C S 513 - Robust Control**
**C S 575 - Introduction to Network Science with Applications**
**C S 580 - Theory of Predictive Modeling**
**CSANM 150 - Introduction to Three-Dimensional Computer Graphics**
**CSANM 210 - Visual Narrative for Animation**
**CSANM 250 - Intermediate Three-Dimensional Computer Graphics**
**CSANM 252 - Introduction to Three-Dimensional Animation**
**CSANM 258 - Scripting for Animation**
**CSANM 340 - Introduction to Game Design**
**CSANM 342 - Real-time Techniques**
**CSANM 351R - Lighting for Three-Dimensional Graphics**
**CSANM 352 - Animated Film Production 1**
**CSANM 353 - Previsualization**
**CSANM 354 - Materials and Surfacing**
**CSANM 355 - Photography for Animation**
**CSANM 450 - Animated Film Production 2**
**CSANM 452 - Animated Film Production 3**
**CSANM 453R - Special Topics in Advanced Graphics**
**CSANM 454 - Advanced Shading**
**CSANM 458 - Three-Dimensional Visual Effects**
**CSANM 459 - Video Game Production 1**
**CSANM 460 - Video Game Production 2**
**CSANM 494R - Special Problems in Animation**
**CSANM 497R - BFA Final Project**

# Geological Sciences, Department of Department

# Geological Sciences

Department of Geological Sciences

## Administration

**Chair**: Brooks Bradley Britt

**Department Information:**

S-389 ESC

801-422-3918

geology@byu.edu

WEBSITE

**Advisement Center:**

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

All degree programs in the Department of Geological Sciences are open enrollment. However, special limitations apply for teaching majors.

# The Discipline

Geological sciences are aimed at understanding the Earth's origin and development and the natural processes that have operated upon it and within it from the time of formation of the solar system. With the development of remote sensing technology and the exploration of the solar system by spacecraft, geological sciences have become increasingly important for understanding not only the Earth but the Moon, other planets and their moons, and small bodies that orbit the Sun.

Understanding the dynamic processes of Earth and other planets is relevant to many societal needs, such as assessment and forecasting of natural hazards, environmental change, and discovery of energy and mineral resources. Some of the diverse disciplines that can be studied in this department include environmental geology, mineral resources, hydrogeology and water resources, petroleum resources geology, plate tectonics, volcanology, geochemistry, geophysics, paleontology, paleoclimatology, and planetary geology.

# Career Opportunities

Graduates have the opportunity to work in diverse locations including in the office or remotely on computers, outdoors and in the laboratory, pursuing careers in energy, mineral, and water resources, environmental evaluation with industry, government, or consulting firms, and in basic research through national laboratories, government or academia. The substantial preparation in basic sciences and mathematics also leads to a broad spectrum of other career opportunities. The most marketable terminal degree in geological sciences is the Master of Science, though there are competitive and stimulating jobs available at the BS and PhD levels. Starting salaries for this degree are often very competitive with those of other disciplines.

# Global Geology Program

When possible, the department provides opportunities for advanced undergraduates and graduate students to examine rocks and geological processes at some premier localities around the world. These one- to two-week field trips allow students to do mentored research projects and develop field expertise rarely available to undergraduate students. Programs that are run every four to five years include:

1. Active volcanism of Hawaii.
2. Carbonate formation in Florida and the Bahamas.
3. Tectonism and plutonism in the northeast Appalachians.

Trips to more distant localities (e.g., Italy, Alaska, India, England) have also been held. Scholarships are available that greatly reduce the cost to students.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.

- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

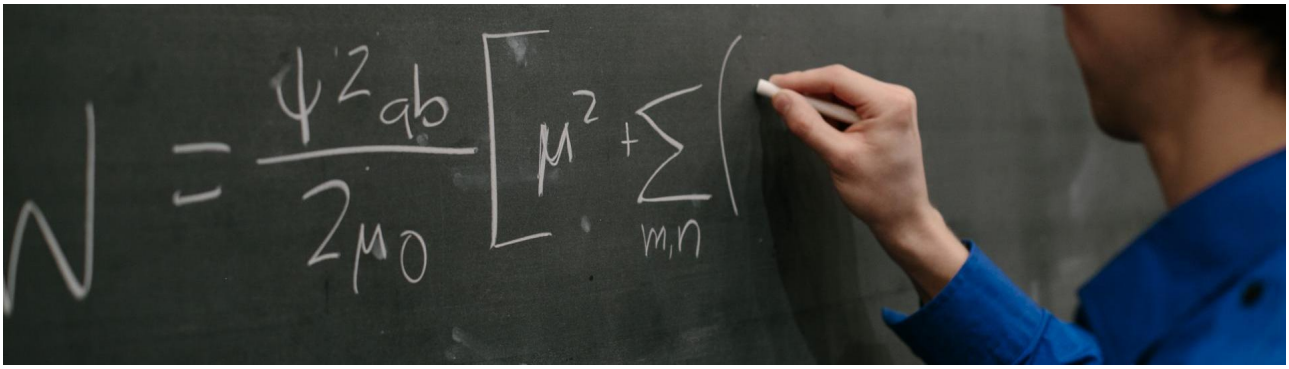
## Programs

**694003 - Geology (Minor)**
**694022 - Geology (BS)**
**694030 - Environmental Geology (BS)**
**694020 - Earth & Space Science Education (BS)**
**694026 - Geology Education (Minor)**

## Courses

**GEOL 100 - Dinosaurs**
**GEOL 101 - Introduction to Geology**
**GEOL 102 - Geological Field Studies**
**GEOL 103 - Life of the Past**
**GEOL 105 - Diamonds and Gems**
**GEOL 108 - Climate and the Earth System**
**GEOL 109 - Geology of the Planets**
**GEOL 110 - Geological Science Laboratory**
**GEOL 111 - Physical Geology**
**GEOL 112 - Historical Geology**
**GEOL 113 - Historical Geology Lab**
**GEOL 210 - Field Studies**
**GEOL 230 - Earth Data Visualization**
**GEOL 330 - Engineering Geology**
**GEOL 351 - Mineralogy**
**GEOL 352 - Petrology**
**GEOL 370 - Sedimentology and Stratigraphy**
**GEOL 375 - Structural Geology**
**GEOL 399R - Academic Internship**
**GEOL 405 - Applied Mathematics in the Geological Sciences**
**GEOL 411 - Geomorphology and Remote Sensing**
**GEOL 420 - Geological Field Methods**
**GEOL 421 - Geological Mapping**
**GEOL 422 - Geologic Writing**
**GEOL 430 - Senior Thesis**
**GEOL 435 - Groundwater**
**GEOL 440 - Solid Earth Geophysics**
**GEOL 445 - Geochemistry**
**GEOL 452 - Petrography to Petrogenesis**
**GEOL 460 - Economic and Resource Geology**
**GEOL 476 - Introduction to Seismic Interpretation**
**GEOL 477R - Secondary Minor Student Teaching**
**GEOL 480 - Paleontology**
**GEOL 490R - Topics in Geology**
**GEOL 490R - Energy Systems**
**GEOL 490R - Exploratory Geophysics and Modeling**
**GEOL 490R - Advanced Sedimentology**
**GEOL 490R - Planetary Seminar**
**GEOL 491R - Geology Seminar**
**GEOL 492R - Career Pathways Seminar**
**GEOL 497R - Geological Research**
**GEOL 500 - (Geol-Chem-C S-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math**
**GEOL 502 - Job Search Strategies**
**GEOL 504R - Global Geology Field Studies**
**GEOL 521 - Borehole Geophysics and Geology**
**GEOL 525 - Petroleum Systems Analysis**
**GEOL 530 - Geological Communications Laboratory**
**GEOL 531 - Geoscience Data Analysis**
**GEOL 535 - Contaminant Hydrogeology**
**GEOL 540 - Principles of Glaciology**
**GEOL 545 - Isotope Geochemistry-High Temperature Applications**
**GEOL 546 - Isotope Geochemistry-Low Temperature Applications**
**GEOL 550 - Environmental Soil Chemistry**
**GEOL 551 - Advanced Mineralogy**
**GEOL 552 - Igneous Petrology**
**GEOL 553 - Metamorphic Petrology**
**GEOL 555 - Volcanoes and Ore Deposits**
**GEOL 560 - Waveform Geophysics**
**GEOL 561 - Geophysical Field Methods**
**GEOL 565R - Special Topics in Geology**
**GEOL 571 - Sedimentology and Ecology of Modern Carbonate Systems**
**GEOL 574 - Advanced Stratigraphy**
**GEOL 575 - Advanced Structural Geology**
**GEOL 576 - Geophysical Data Processing-Modeling and Subsurface Imaging**
**GEOL 580 - Principles of Paleontology**
**GEOL 586 - Vertebrate Paleontology**
**GEOL 590R - Planetary Seminar**
**GEOL 590R - Advanced Sedimentology**
**GEOL 590R - Topics in Geology**
**GEOL 590R - Energy Systems**
**GEOL 590R - Exploratory Geophysics and Modeling**
**GEOL 591R - Seminar**
**GEOL 592R - Career Pathways Seminar**
**GEOL 599R - Academic Internship**

# Mathematics, Department of Department



# Mathematics

Department of Mathematics

## Administration

**Chair**: Paul M Jenkins

**Department Information:**

275 TMCB

801-422-2061

office@mathematics.byu.edu

WEBSITE

**Advisement Center:**

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Programs

The degree programs in the Department of Mathematics are open enrollment.

# The Discipline

Mathematics is a means of dealing with order, pattern, and number as seen in the world around us. The abilities to compute, to think logically, and to take a reasoned approach to solving problems are highly valued in society and are characteristics of any educated person. Mathematics is not just a body of knowledge, but a process of analysis, reasoning, comparison, deduction, generalization, and problem solving.

A mathematician's stock in trade is the ability to solve problems and to explain the solutions to others. Having once determined what the right questions are, solving problems involves analyzing both concrete and abstract situations, relating them to mathematical ideas, and using mathematical techniques to work toward solutions. Explaining the solution involves pointing out what has been solved and why the solution is valid.

# Career Opportunities

Majors in mathematics (BS) prepare for a wide variety of careers. Some enter graduate school or professional schools and prepare for careers in

such fields as college teaching, consulting, research and development, law, medicine, and business administration. Others take positions in government agencies, industrial laboratories, information management firms, or business organizations. All of them spend much time communicating with colleagues about the problems they are solving as they continue to learn more mathematics and share mathematical ideas with others.

# General Information

Questions regarding placement should be directed to the Department of Mathematics, 275 TMCB.

1. It is recommended that a student complete the following courses in high school:
    - 4 units of English
    - 1 unit of physics or chemistry.
    - 4 units of mathematics, including 2.5 units of algebra, 1 unit of geometry, and .5 unit of trigonometry. This qualifies a student to begin college mathematics with Math 112. If calculus is available in high school, a student planning to major in mathematics is strongly encouraged to take it; doing so requires completing one of the preceding algebra units before high school.
    - Advanced Placement (AP) credit is available in mathematics as follows:
        - A score of 3 on the calculus AB exam gives credit in Math 110 and 111; a score of 4 or 5 on the calculus AB exam gives credit in Math 110 and 112.
        - A score of 3 on the calculus BC exam gives credit in Math 110 and 111; a score of 4 on the calculus BC exam gives credit in Math 110 and 112; a score of 5 on the calculus BC exam gives credit in Math 112 and 113.
        - An AP student without credit in Math 112 must begin with Math 112; an AP student without credit in Math 113 must begin with Math 112 or 113.
    - AP students should direct Educational Testing Service (ETS) to report scores to BYU to have credit posted.

Questions regarding placement should be directed to the Department of Mathematics, 275 TMCB.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

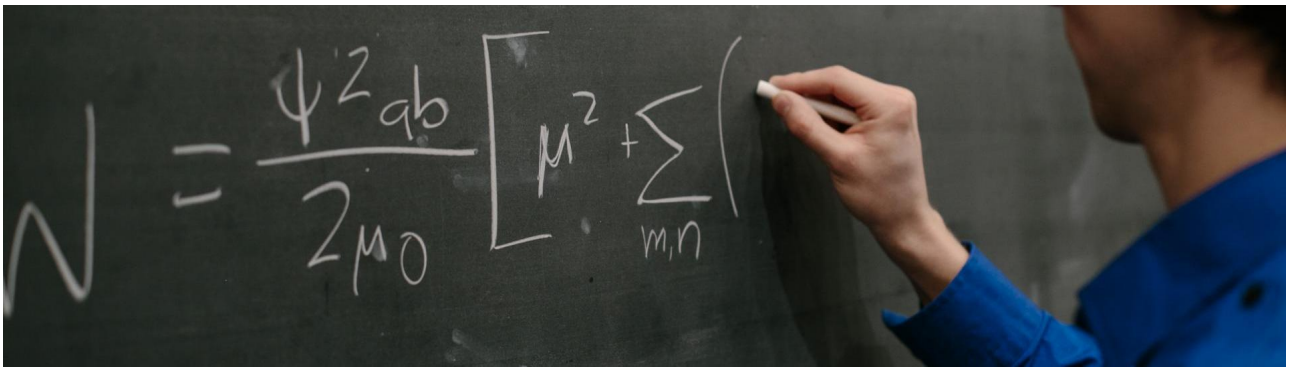
**694401 - Mathematics (Minor)**
**694420 - Mathematics (BS)**
**694432 - Mathematics: Applied and Computational Mathematics (BS)**

## Courses

**MATH 097 - Intermediate Algebra**
**MATH 102 - Quantitative Reasoning**
**MATH 109 - Precalculus**
**MATH 110 - College Algebra**
**MATH 111 - Trigonometry**
**MATH 112 - Calculus 1**
**MATH 113 - Calculus 2**
**MATH 116 - Essentials of Calculus**

MATH 118 - Finite Mathematics
MATH 191 - Seminar in Mathematics 1
MATH 213 - Elementary Linear Algebra
MATH 215 - Computational Linear Algebra
MATH 222 - Seminar in Mathematics 2
MATH 290 - Fundamentals of Mathematics
MATH 300 - (Math-MthEd) History and Philosophy of Mathematics
MATH 302 - Mathematics for Engineering 1
MATH 303 - Mathematics for Engineering 2
MATH 314 - Calculus of Several Variables
MATH 320 - Algorithm Design and Optimization 1
MATH 321 - Algorithm Design and Optimization 1 Laboratory
MATH 322 - Algorithm Design and Optimization 2
MATH 323 - Algorithm Design and Optimization 2 Laboratory
MATH 334 - Ordinary Differential Equations
MATH 341 - Theory of Analysis 1
MATH 342 - Theory of Analysis 2
MATH 344 - Mathematical Analysis 1
MATH 345 - Mathematical Analysis 1 Laboratory
MATH 346 - Mathematical Analysis 2
MATH 347 - Mathematical Analysis 2 Laboratory
MATH 350 - Combinatorics & Graph Theory
MATH 352 - Introduction to Complex Analysis
MATH 362 - (Math-MthEd) Survey of Geometry
MATH 371 - Abstract Algebra 1.
MATH 372 - Abstract Algebra 2.
MATH 380 - Mathematical Foundations of Data Science
MATH 391R - Seminar in Mathematics
MATH 393 - Survey of Advanced Mathematics
MATH 399R - Academic Internship
MATH 402 - Modeling with Uncertainty and Data 1
MATH 403 - Modeling with Uncertainty and Data 1 Laboratory
MATH 404 - Modeling with Uncertainty and Data 2
MATH 405 - Modeling with Uncertainty and Data 2 Laboratory
MATH 406R - Topics in Mathematics
MATH 410 - Introduction to Numerical Methods
MATH 411 - Numerical Methods
MATH 413 - Advanced Linear Algebra
MATH 425 - Mathematical Biology
MATH 431 - Probability Theory
MATH 435 - Mathematical Finance
MATH 436 - Modeling with Dynamics and Control 1
MATH 437 - Modeling with Dynamics and Control 1 Laboratory
MATH 438 - Modeling with Dynamics and Control 2
MATH 439 - Modeling with Dynamics and Control 2 Laboratory
MATH 447 - Introduction to Partial Differential Equations
MATH 451 - Introduction to Topology
MATH 465 - Differential Geometry
MATH 473 - Group Representation Theory
MATH 485 - Mathematical Cryptography
MATH 487 - Number Theory
MATH 495R - Readings in Mathematics
MATH 500 - (Math-Chem-C S-Geol-MthEd-Phscs-Stat) Business Career Essentials in Science and Math
MATH 502 - Job Search Strategies
MATH 510 - Numerical Methods for Linear Algebra
MATH 511 - Numerical Methods for Partial Differential Equations
MATH 513R - Advanced Topics in Applied Mathematics
MATH 521 - Classical Methods of Applied Mathematics
MATH 522 - Mathematical Foundations of Deep Learning
MATH 525 - Network Theory
MATH 532 - Complex Analysis
MATH 534 - Introduction to Dynamical Systems 1
MATH 536 - Applied Discrete Probability
MATH 540 - Linear Analysis
MATH 541 - Real Analysis
MATH 547 - Modeling and Analysis of Partial Differential Equations
MATH 553 - Foundations of Topology 1
MATH 554 - Foundations of Topology 2
MATH 561 - Introduction to Algebraic Geometry 1.
MATH 562 - Introduction to Algebraic Geometry 2.
MATH 565 - Differential Geometry
MATH 570 - Matrix Analysis
MATH 571 - Algebra 1
MATH 572 - Algebra 2
MATH 586 - Introduction to Algebraic Number Theory
MATH 587 - Introduction to Analytic Number Theory

## Mathematics Education, Department of Department



## Mathematics Education

Department of Mathematics Education

## Administration

**Chair**: Keith Rigby Leatham

**Department Information:**

167 TMCB

801-422-1735

office@mathed.byu.edu

WEBSITE

**Advisement Center:**

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

Candidates for all teacher preparation programs are required to complete an application that includes core criteria for each program. Students interested in the Mathematics Education major can declare the Mathematics Education pre-major as soon as they are accepted into BYU. During the MthEd 276 course, students will complete an application (details of the application process will be provided in the course) to be formally admitted to the Mathematics Education major. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the undergraduate catalog.

# The Discipline

Mathematics is the discipline through which we make sense of the order, patterns, and quantitative situations we perceive in the world around us. The foundational skills of this discipline—the abilities to formulate, focus, and solve problems; to articulate, test, and justify conjectures; to communicate one's reasoning about quantities and the relationships between them; and to see connections between different mathematical ideas and real-world contexts—are highly valued in society and are characteristics of any educated person. Mathematics is not only a body of knowledge but also a process of analysis, reasoning, comparison, deduction, generalization, and problem solving.

Mathematics educators depend heavily upon their own understanding of mathematics in order to identify and articulate the mathematical ideas they want students to learn, to assess which concepts their students already understand that might serve as a foundation for learning, and to develop activities that help students develop rich understandings. They also use their understanding of the nature of the discipline to structure a culture of inquiry, reasoning, and problem solving in their classrooms.

Courses in the undergraduate program are designed to help prospective teachers plan, manage, and implement classroom activities that facilitate students' learning of mathematics. Specific program goals include (1) mastery of the foundational skills of mathematics, (2) deep reflection on mathematics learning at all levels through observation of and participation in high-quality classroom practice, (3) increased autonomy and confidence as an investigator, active learner, and productive thinker, and (4) extended field experience, informed by the best current understanding.

Program faculty include educational and mathematical researchers, specialists in both preservice and inservice teacher education, and school practitioners, spanning a broad range of interest and experience.

# Career Opportunities

*Within Education*: Majors in mathematics education prepare for careers in molding and shaping the future minds of the world. Majors prepare for jobs high in demand teaching mathematics at the middle and high school levels. The skills learned in math education set students apart in STEM fields, and the teaching skills gained will allow them facilitate meaningful mathematics learning. Outside the physical classroom, math education graduates can develop curriculum or educational software, and work in organizations that provide tutoring, online education or distance learning. Graduates are well positioned to pursue advanced degrees in order to facilitate professional development at the district and state administration levels or to qualify to teach higher education.

*Outside of Education*: Majors in mathematics education graduate with a broad background in advanced mathematics and mastery of essential communication skills. Graduates who choose to forego the traditional teaching route have found rewarding careers in business, computer programming, information technology, operations research, cryptography, finance and more. Not only are mathematics education graduates prepared to solve problems in these fields using their mathematical background, but their teaching experiences prepare them to be highly effective in communicating solutions to others.

# General Information

It is recommended that a student complete the following courses in high school:

- 4 units of English.
- 1 unit of physics or chemistry.
- 4 units of mathematics, including 2.5 units of algebra, 1 unit of geometry, and .5 unit of trigonometry. This qualifies a student to begin college mathematics with Math 112. If calculus is available in high school, a student planning to major in mathematics education is strongly encouraged to take it; doing so requires completing one of the preceding algebra units before high school.
- Advanced Placement (AP) credit is available in mathematics as follows:
  - A score of 3 on the calculus AB exam gives credit in Math 110 and 111; a score of 4 or 5 on the calculus AB exam gives credit in Math 110 and 112.
  - A score of 3, 4, or 5 on the calculus BC exam gives credit in Math 112 and 113.
  - An AP student without credit in Math 112 must begin with Math 112; an AP student without credit in Math 113 must begin with Math 112 or 113.
  - AP students with credit in Math 113 are urged to begin with Math 113 anyway, unless they scored 5 on the calculus BC exam.
  - AP students should direct Educational Testing Service (ETS) to report scores to BYU to have credit posted.

Questions regarding placement should be directed to the Mathematics Education Department, 167 TMCB.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**694601 - Mathematics Education (Minor)**

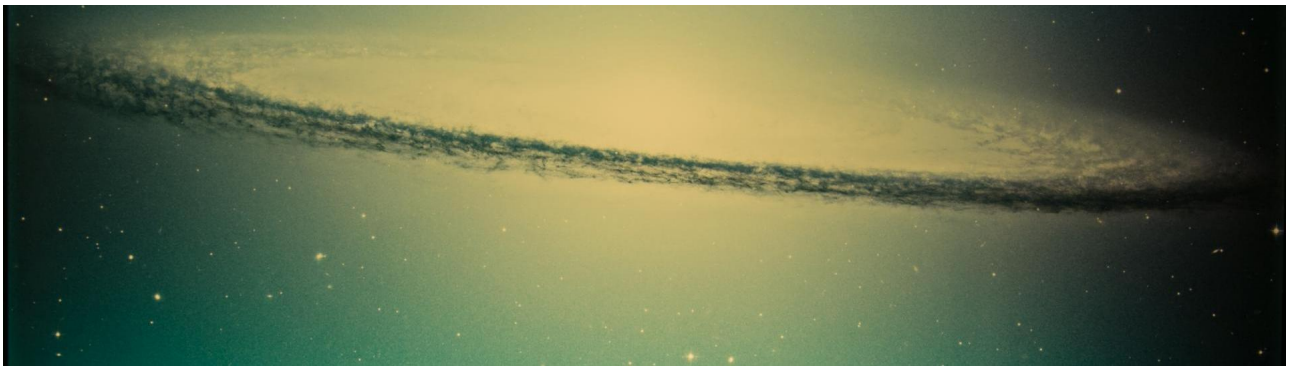
**694620 - Mathematics Education (BS)**

## Courses

**MTHED 101 - Introduction to Mathematics Education**
**MTHED 177 - Critical Review of School Mathematics**
**MTHED 276 - Exploration of Mathematics Teaching**
**MTHED 277 - Task Design for Student Learning**
**MTHED 278 - Assessment of Student Learning**
**MTHED 300 - (MthEd-Math) History and Philosophy of Mathematics.**
**MTHED 301 - Teaching Statistics and Probability**
**MTHED 305 - Basic Concepts of Mathematics**
**MTHED 306 - Concepts of Mathematics**
**MTHED 308 - Mathematics Teaching with Technology**

**MTHED 362 - (MthEd-Math) Survey of Geometry**
**MTHED 377 - Mathematics Teaching in the Public Schools**
**MTHED 378 - Practicum in Mathematics Education**
**MTHED 476 - Secondary Student Teaching in Mathematics**
**MTHED 477R - Secondary Minor Student Teaching**
**MTHED 495R - Readings in Mathematics Education**
**MTHED 496 - Academic Internship: Secondary Mathematics Education**
**MTHED 497R - Research in Mathematics Education**
**MTHED 500 - (MthEd-Chem-C S-Geol-Math-Phscs-Stat) Business Practices for Science and Mathematics Majors**
**MTHED 550 - Problem Solving**
**MTHED 562 - Euclidean Geometry: Content, Learning, and Teaching**
**MTHED 590 - Foundational Issues in Learning Mathematics**
**MTHED 591 - Scholarly Inquiry in Mathematics Education**
**MTHED 598R - Topics in Mathematics Education**

# Physics and Astronomy, Department of Department



# Physics and Astronomy

Department of Physics and Astronomy

## Administration

**Chair**: Kent L Gee

**Department Information:**

N-283 ESC

801-422-4361

physics_office@byu.edu

WEBSITE

**Advisement Center:**

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

All degree programs in the Department of Physics and Astronomy are open enrollment. However, special limitations apply for teaching majors.

# The Discipline

Over the centuries physicists and astronomers have studied the principles that govern the structure and dynamics of matter and energy in the physical world, from subatomic particles to the cosmos. Physicists seek to expand human knowledge through experiment, theory, and computational methods, in fundamental areas such as acoustics, astronomy, atomic and molecular physics, biophysics, condensed matter physics,

cosmology, medical physics, nanotechnology, nuclear physics, optics, particle physics, plasma physics, quantum mechanics, relativity, and thermodynamics. Physicists also apply this understanding to the development of new technologies. For example, physicists invented the first lasers, semiconductor electronic devices, and stereo sound.

Physics and astronomy students learn to approach complex problems in science and technology from a broad background in mechanics, electricity and magnetism, statistical and thermal physics, quantum mechanics, relativity, optics, and acoustics. The tools they develop at BYU include problem solving by mathematical and computational modeling, as well as experimental and observational discovery and analysis. All students gain professional experience via a research senior thesis, capstone project, internship project, or student teaching, usually in close association with a faculty member. Together these experiences can provide excellent preparation for employment or for graduate studies in physics, other sciences, engineering, medicine, law, or business.

Most physicists and astronomers work in research and development in industrial, government, or university labs to solve new problems in technology and science. They also share the beauty discovered in our physical universe by teaching in planetariums, high schools, colleges, and universities.

# Career Opportunities

"More than most other majors, a physics degree is a passport into a broad range of science, engineering, and education careers." — Sloan Foundation

A degree in one of the physics-related majors can provide:

1. Preparation for those who intend to enter industrial or governmental service as engineers, technicians, physicists or astronomers.
2. Education for those who intend to pursue graduate work in physics or astronomy.
3. Education in the subject matter of physics for prospective teachers of the physical sciences. This is normally done through the Physics Teaching or Teaching Physical Sciences majors, the Physics Teaching minor, or Applied Physics major with a teaching emphasis.
4. Undergraduate education for those who will pursue graduate work in the professions: business (e.g., an MBA), law (especially patent law), medicine, medical physics, etc.
5. Science, technical, and research background for graduate school in engineering, biophysics, or physical sciences.
6. Physics fundamentals required by the biological science, medical, dental, nursing, and related programs.

For more information about careers for physics and astronomy majors, see Careers for Physics Majors.

# General Information

1. It is recommended that a student complete the following courses in high school:
    - 3-4 units of English
    - At least 1 unit of physical science, either chemistry or physics (more is better)
    - 4 units of mathematics, consisting of algebra, geometry, trigonometry, and (if possible) calculus. This should qualify students to begin college mathematics with Math 113, Calc 2. Because mathematics provides the foundation for all work in the physical and mathematical sciences, high school preparation in this subject is of particular importance.
    - Students are encouraged to gain some experience in computer programming, which will help prepare them for various required computer programming and computational physics classes at BYU
2. Physics and Astronomy majors should generally take one mathematics class per semester, beginning the first semester of the freshman year, until their mathematics requirements are complete (i.e. through Math 303 or 334). Most physics majors begin with Math 113. If calculus was not studied in high school, students can take Math 112 concurrently with Phscs 121 during the fall semester of their freshman year; then continue with Math 113 in winter semester.
3. All Physics and Astronomy majors are assigned a faculty mentor to be their academic advisor, with whom they must meet at least once per year.

# Scholarships

Various departmental scholarships are available for students in Physics and Astronomy. Both academic record and financial need are taken into account. Preference is often given to students who are farther along in the major, so generally students must be at the sophomore level or above for their applications to be competitive. For more information see the Physics Scholarships page.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

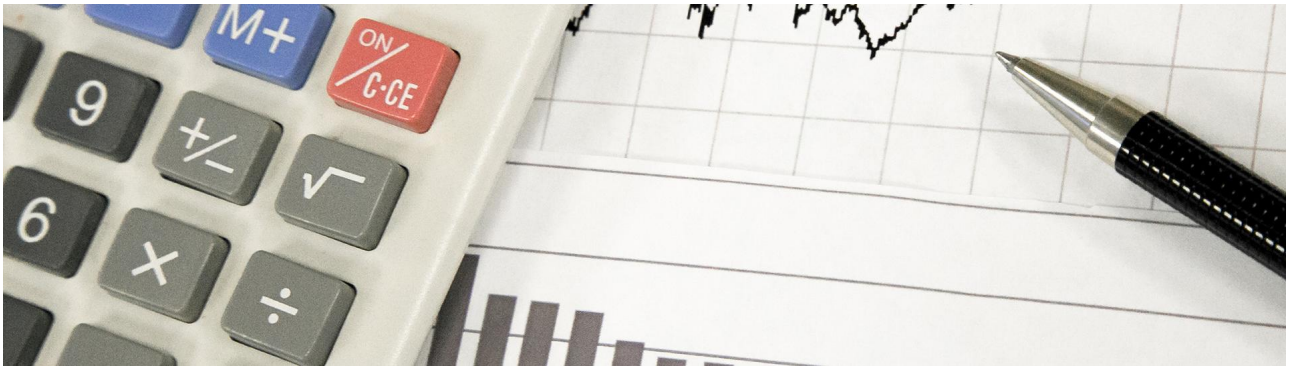
**694802 - Physics (Minor)**
**694803 - Physics Education (Minor)**
**694804 - Astronomy (Minor)**
**694821 - Physics (BS)**
**694825 - Applied Physics (BS)**
**694828 - Physics Education (BS)**
**694832 - Physics and Astronomy (BS)**
**694834 - Applied Physics: Acoustics (BS)**

## Courses

**PHSCS 101 - Basic Physics**
**PHSCS 105 - General Physics 1**
**PHSCS 106 - General Physics 2**
**PHSCS 107 - General Physics Lab 1**
**PHSCS 108 - General Physics Lab 2**
**PHSCS 121 - Introduction to Newtonian Mechanics**
**PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics**
**PHSCS 127 - Descriptive Astronomy**
**PHSCS 137 - Energy, Climate, and the Environment**
**PHSCS 145 - Experimental Methods in Physics**
**PHSCS 167 - Descriptive Acoustics of Music and Speech**
**PHSCS 191 - Introduction to Physics Careers and Research 1**
**PHSCS 198 - Physics and Mathematics Review**
**PHSCS 220 - Introduction to Electricity and Magnetism**
**PHSCS 222 - Modern Physics**
**PHSCS 225 - Introduction to Experimental Physics**
**PHSCS 227 - Solar System Astronomy**
**PHSCS 228 - Stellar and Extragalactic Astronomy**
**PHSCS 230 - Computational Physics Lab 1**
**PHSCS 240 - Design, Fabrication, and Use of Scientific Apparatus**
**PHSCS 245 - Experiments in Contemporary Physics**
**PHSCS 281 - Principles of Solid State Physics**
**PHSCS 291 - Introduction to Physics Careers and Research 2**
**PHSCS 297R - Introduction to Research**
**PHSCS 310 - Physics By Inquiry: Mechanics**
**PHSCS 311 - Physics By Inquiry: Electricity**
**PHSCS 313R - Special Topics in Physics**
**PHSCS 318 - Introduction to Mathematical Physics**
**PHSCS 321 - Mechanics**
**PHSCS 329 - Observational Astronomy**
**PHSCS 330 - Computational Physics Lab 2**
**PHSCS 360 - Statistical and Thermal Physics**
**PHSCS 383 - Physical Reasoning with Data**
**PHSCS 391R - Seminar in Current Physics**
**PHSCS 399R - Academic Internship**
**PHSCS 416 - Writing in Physics**
**PHSCS 427 - Stellar Astrophysics**
**PHSCS 428 - Galaxies and Cosmology**
**PHSCS 430 - Computational Physics Lab 3**
**PHSCS 441 - Electricity and Magnetism**
**PHSCS 442 - Electrodynamics**
**PHSCS 451 - Quantum Mechanics**
**PHSCS 452 - Applications of Quantum Mechanics**
**PHSCS 461 - (Phscs-Me En) Introduction to Acoustics**
**PHSCS 471 - Principles of Optics**
**PHSCS 477R - Secondary Minor Student Teaching**
**PHSCS 492R - Capstone Project in Applied Physics**
**PHSCS 497R - Research in Physics**
**PHSCS 498R - Senior Thesis**
**PHSCS 500 - (Phscs-Chem-C S-Geol-Math-MthEd-Stat) Business Career Essentials in Science and Math**
**PHSCS 502 - Job Search Strategies**
**PHSCS 513R - Special Topics in Contemporary Physics**
**PHSCS 529 - Advanced Observational Astronomy**
**PHSCS 540 - Electrical Engineering Principles and Practices for Physicists**
**PHSCS 545 - Introduction to Plasma Physics**
**PHSCS 560 - Acoustical Measurement Methods**
**PHSCS 561 - (Phscs-Me En) Fundamentals of Acoustics.**
**PHSCS 571 - Lasers and Atoms**
**PHSCS 580 - Theory of Predictive Modeling**
**PHSCS 581 - Solid-State Physics**
**PHSCS 583 - Physics of Nanostructures, Surfaces, and Interfaces**
**PHSCS 585 - Thin-Film Physics**

**PHSCS 586 - Transmission Electron Microscopy for Physical Science and Engineering**
**PHSCS 587 - Physics of Semiconductor Devices**
**PHSCS 588 - Scanning Electron Microscopy (SEM) for Physical Science and Engineering**
**PHSCS 599R - Academic Internship**
**PHSCS530 - Computational Physics**

# Statistics, Department of Department




# Statistics

Department of Statistics

## Administration

**Chair**: David Dahl

**Department Information:**

2152 WVB

801-422-4505

statsec@stat.byu.edu

WEBSITE

**Advisement Center:**

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

## Admission to Degree Program

All degree programs in the Department of Statistics, except Actuarial Science, are open enrollment. To major in Actuarial Science, a student must pass one exam of the Society of Actuaries (SOA), often Exam FM, before declaring an actuarial science major.

# The Discipline

Statisticians help determine the sampling and data collection methods, monitor the execution of the study and the processing of data, and advise on the strengths and limitations of the results. They must understand the nature of uncertainties and be able to draw conclusions in the context of particular statistical applications.

Actuaries are business professionals who analyze the financial consequences of risk. Actuaries use statistics, mathematics, and financial theory to study uncertain future events, especially those of concern to insurance and pension programs. They evaluate the likelihood of those events and design creative ways to reduce the likelihood and decrease the impact of adverse events that actually do occur. Their work requires a combination of strong analytical skills, business knowledge, and understanding of human behavior to design and manage programs that control risk.

# Career Opportunities

The curriculum and degrees offered through the Department of Statistics are designed to equip students with decision-making skills for careers as professional statisticians in industrial organizations, government agencies, insurance companies, pharmaceutical companies, universities, and research institutes. The technical tools statisticians acquire are useful in many areas, and for this reason a statistics degree is also excellent preparation for professional programs in business administration, medicine, law, and public administration.

# General Information

1. It is recommended that a student complete the following courses in high school:
    - 3 units of English.
    - 1 unit of physical science, either chemistry or physics.
    - 4 units of mathematics, consisting of 2.5 units of algebra, 1 unit of geometry, and 0.5 unit of trigonometry. This should qualify students to begin college mathematics with Math 112, analytic geometry and calculus.
        - Because mathematics provides the foundation for all work in the physical and mathematical sciences, particular attention is paid to high school preparation in this subject.
2. Students are encouraged to complete 15 credit hours each semester. Taking fewer credits substantially increases the cost and the number of semesters to graduate.
3. An integrated BS/MS program is available. This program allows Statistics students from all statistics emphases to receive their bachelor's and master's degree in five years of schooling. It is available to students who have taken Math 112, Math 113, Math 213, Math 215, Math 314, Stat 230, Stat, 240, Stat 330 and Stat 340 and have less than 6 credits left until completion of the bachelor's degree. Interested students must complete a department application by February 1 for admission the following Fall semester.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**695201 - Statistics (Minor)**
**695224 - Actuarial Science (BS)**
**695234 - Statistics: Applied Statistics & Analytics (BS)**
**695220 - Statistics: Statistical Science (BS)**
**695233 - Statistics: Biostatistics (BS)**
**695236 - Statistics: Data Science (BS)**

## Courses

STAT 105 - Introduction to Statistics
STAT 121 - Principles of Statistics
STAT 124 - SAS Base Programming Skills
STAT 130 - Introduction to the Department of Statistics
STAT 199R - Academic Internship
STAT 201 - Statistics for Engineers and Scientists
STAT 220 - Statistical Modeling for Data Science
STAT 224 - Applied SAS Programming
STAT 230 - Statistical Modeling 1
STAT 234 - Methods of Survey Sampling
STAT 240 - Probability and Inference 1
STAT 250 - Applied R Programming
STAT 251 - Introduction to Bayesian Statistics
STAT 274 - Theory of Interest
STAT 281 - Data Visualization
STAT 286 - Data Science Ecosystems
STAT 330 - Statistical Modeling 2
STAT 340 - Probability and Inference 2
STAT 344 - Foundations of Long-term Actuarial Mathematics
STAT 346 - Foundations of Short-term Actuarial Mathematics
STAT 348 - Predictive Analytics
STAT 372 - Actuarial Problems
STAT 381 - Statistical Computing
STAT 386 - Data Science Process
STAT 395R - Special Topics in Applied Statistics
STAT 435 - Nonparametric Statistical Methods
STAT 437 - Applications in Biostatistics
STAT 444 - Advanced Long-term Actuarial Mathematics
STAT 446 - Advanced Short-term Actuarial Mathematics
STAT 451 - Applied Bayesian Statistics
STAT 466 - Introduction to Reliability
STAT 469 - Analysis of Correlated Data
STAT 482 - Data Science Capstone 1
STAT 483 - Data Science Capstone 2
STAT 486 - Machine Learning
STAT 495R - Special Topics in Statistics
STAT 496R - Academic Internship: Statistics
STAT 497R - Introduction to Statistical Research
STAT 500 - (Stat-Chem-C S-Geol-Math-MthEd-Phscs) Business Career Essentials in Science and Math
STAT 502 - Job Search Strategies
STAT 511 - Statistical Methods for Research 1
STAT 512 - Statistical Methods for Research 2
STAT 531 - Experimental Design
STAT 535 - Linear Models
STAT 536 - Statistical Learning and Data Mining
STAT 537 - Mixed Model Methods
STAT 538 - Survival Analysis
STAT 590R - Statistical Consulting
STAT 591R - Graduate Seminar in Statistics
STAT 595R - Sampling Practicum
STAT 595R - Special Topics in Statistics
STAT 595R - Expert Systems in Statistics
STAT 595R - Biostatistical Methods.
STAT 595R - Theory of Risk
STAT 595R - Statistical Computations
STAT 595R - Quality Methods
STAT 599R - Academic Internship: Statistics

# Anthropology, Department of Department

# Anthropology

Department of Anthropology

## Administration

**Chair**: Mike Searcy

**Department Information:**

800 KMBL

801-422-3058

anthropology@byu.edu

WEBSITE

**Advisement Center:**

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

FACULTY

## Admission to Degree Program

All undergraduate degree programs in the Department of Anthropology are open enrollment.

## The Discipline

Anthropology's central aims are to describe, interpret, and make meaningful human behavior in sociocultural systems. Anthropology also seeks to explain the similarities and differences in human behavior patterns among all peoples and cultures, both in the present and the past. Social and cultural anthropology study human society in the present, using participant-observation, interviewing, and other techniques to understand the full round of life in a single culture, subculture, or multicultural system. Archaeology provides methods for learning about the world's peoples who are no longer living; thus it is an important part of the anthropological family of special skills and interests. Museum Studies integrates the above skills with the management, curation, research, and display of museum-quality ethnographic and archaeological collections in professional museum settings.

## Career Opportunities

Distinctive contributions are made by both anthropology and archaeology majors, and therefore jobs are available wherever social and cultural differences or social system complexities exist. International development, social services, businesses, schools, development projects, medicine, and law all offer significant careers. Recent concern with environmental protection has opened up others. University teaching and research positions are limited in growth, but highly qualified students can find positions after obtaining the PhD.

For archaeology majors, both legal and societal interest in understanding and preserving the past have resulted in increased job opportunities in state and national agencies required to observe recent preservation laws and in private corporations serving this end. Archaeologists working in international regions are not only employable in scholastic venues of teaching and research, but also in international heritage site development.

For those students interested in combining Museum Studies courses with anthropology, employment opportunities exist in many collections-related venues including museums, libraries, and research institutes that rely on maintaining large collections of specimens for scholarly use.

General Information

1. Each student wishing to major in anthropology should arrange through the college advisement center to counsel with an advisor and prepare a proposed sequence of study. Following this, the student should meet with the assigned faculty advisor for final approval of the program.
2. Undergraduate students are allowed some, but not excessive, specialization.
3. All degrees are in the field of anthropology.

## Special Opportunities for Field Study

The department offers a number of unique curriculum and field study opportunities. Selected courses are regularly counted toward BYU's major. Consult with the department chair or your faculty advisor about equivalencies.

Archaeology students complete their requirement in the field school typically held in conjunction with an ongoing, local (Utah) research project and occasionally in more exotic settings (Jordan).

Sociocultural faculty rotate leading ethnographic field schools abroad in India, Latin America, Africa, and Southeast Asia.

## Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**732001 - Anthropology (Minor)**
**732034 - Anthropology: Archaeology (BA)**
**732030 - Anthropology (Sociocultrl Double Major) (BA)**
**732035 - Anthropology: Sociocultural (BA)**

## Courses

**ANTHR 101 - Social/Cultural Anthropology**
**ANTHR 103 - Archaeology Field Trip**
**ANTHR 110 - Discovering Archaeology**
**ANTHR 150 - Introduction to the Major**
**ANTHR 201 - Foundations of Social Theory.**
**ANTHR 202 - Foundations of Anthropological Theory**
**ANTHR 215 - Archaeological Method and Theory**
**ANTHR 300 - Biological Anthropology**
**ANTHR 301 - Human Osteology**
**ANTHR 309 - Language, Culture, and Society**
**ANTHR 311 - Museums and Cultures**
**ANTHR 312 - Intercultural Communication**
**ANTHR 314 - Museum Registration and Legal/Ethical Issues**
**ANTHR 327 - The Hmong Diaspora: Culture, History, and Language**
**ANTHR 328 - Andean South America**
**ANTHR 330 - Peoples of Africa**
**ANTHR 336 - Cinema and Culture in India**
**ANTHR 340 - Peoples of the Middle East**
**ANTHR 341 - Ethnonationalism and Southeast Asia**
**ANTHR 343 - Chinese Culture and Society**
**ANTHR 344 - Culture, Language, and History of Korea**
**ANTHR 345 - American Culture**
**ANTHR 350 - Archaeological Cultures of North America**
**ANTHR 351 - Archaeology and the Bible**
**ANTHR 355 - Mesoamerican Archaeology**
**ANTHR 370 - Designing Community-Based Interventions**
**ANTHR 375 - Archaeology of Egypt**
**ANTHR 376 - Archaeology of the Ancient Aegean and Greece**
**ANTHR 377 - Archaeology of Roman Civilization**
**ANTHR 378 - Near Eastern Archaeology**
**ANTHR 379 - Archaeology of Islam**
**ANTHR 385 - Archaeology of Europe**
**ANTHR 390R - Special Topics in Regional Anthropology**
**ANTHR 402 - Quantitative Methods for Anthropology**
**ANTHR 404 - Historical Anthropology**
**ANTHR 405 - Archaeological Science**
**ANTHR 406 - Digital Archaeology**
**ANTHR 407 - Multispecies Sociality**
**ANTHR 410 - Ethnoarchaeology**
**ANTHR 412 - Museum Collections Management**
**ANTHR 414 - Museum Projects**
**ANTHR 420 - Visual and Sonic Anthropology**
**ANTHR 430 - Moral and Ritual Institutions**
**ANTHR 431 - Kinship, Race and Gender**
**ANTHR 432 - Economic and Political Institutions**
**ANTHR 434 - Medical Anthropology**
**ANTHR 436 - Symbolic Anthropology**
**ANTHR 439 - Psychological Anthropology**
**ANTHR 440 - The End of the World (As We Know It)**
**ANTHR 442 - Ethnographic Research Design and Methods**
**ANTHR 447 - Applied Anthropology**
**ANTHR 450 - Anthropology Seminar**
**ANTHR 454 - Field School Preparation**
**ANTHR 455 - Field School of Archaeology**
**ANTHR 456 - Lab Skills for Anthropology**
**ANTHR 490R - Special Topics in Anthropology**
**ANTHR 490R - Special Topics**
**ANTHR 495R - Ethnographic Field Project**
**ANTHR 496R - Academic Internship: Research**
**ANTHR 497 - Directed Readings**
**ANTHR 499 - Senior Thesis**
**ANTHR 503 - Contemporary Anthropological Theory**
**ANTHR 512 - Heritage Resource Management**
**ANTHR 522 - Museum Practices and Technologies**
**ANTHR 524 - Museology: Curation and Writing**
**ANTHR 526 - Museum Exhibitions and Programming**
**ANTHR 530 - Great Basin Archaeology**
**ANTHR 535 - Southwest Seminar**
**ANTHR 541 - Southeast Asia / Southwest China Seminar**
**ANTHR 543 - Ethnographic Data Analysis**
**ANTHR 562 - Formative Mesoamerica**
**ANTHR 580 - Near East Seminar**

# Geography, Department of Department

# Geography

Department of Geography

## Administration

**Chair**: Daniel Howard Olsen

**Department Information:**

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801-422-5386

geography@byu.edu

WEBSITE

**Advisement Center:**

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FACULTY

# Admission to Degree Program

All degree programs in the Department of Geography are open enrollment.

# The Discipline

Geography offers a variety of programs centered around spatial analysis and tailored to meet the future needs of individual students. Our modern computer laboratory allows students to gain practical experience with geographical information systems (GIS), remote sensing, cartography, and other programs in urban and regional planning, travel, and population studies.

# Career Opportunities

Graduates are employed in a wide range of private and governmental positions. Job titles include geographer; teacher of geography; city or regional planner; cartographer; photo interpreter; commodities and industrial location analyst; intelligence, travel industry, or environmental and GIS specialist; and many others.

Skills in spatial analysis make geography a valuable minor or supporting field for many other disciplines.

# General Information

1. The Department of Geography offers one major with six emphases. The emphases are designed to enable students to gain an appreciation of our world as well as prepare them for either a career or graduate school. All students are required to take a set of core courses that emphasize basic geographic concepts and ways of knowing that are common to all six emphases. These courses prepare students for specialization in upper-division courses.

   Geography at Brigham Young University focuses on our interdependent world: the spatial relationships between the physical landscape, diverse societies, and current events. The major nourishes a sense of curiosity about the world around us, a desire to serve our local and global communities, and the skills necessary to solve significant problems that are inherently spatial.

   Hundreds of students major in geography to prepare for a professional career, for graduate study, or because of an interest in exploring and understanding the world around them. We emphasize both technical and critical thinking skills, including geographic information systems (GIS) and remote sensing, statistics, data collection, interpretation, and communication using the written and spoken word and visual data display (maps, charts, and graphs).

2. All students admitted to one of the geography majors listed above should complete the following core courses within one year of declaring a major:

   Geog 100, 101, 110, 120, 130, 211, 222.

3. Exit assessment: Students must complete an exit assessment during their final semester no later than one month before graduating. The assessment is meant to evaluate the department's program goals and student learning outcomes. Although the assessment is a formal requirement, the results are anonymous and will not be part of the student's academic records.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

## Programs

**733704 - Geospatial Science & Technology (Minor)**
**733705 - Global Studies (Minor)**
**733706 - Geography Teaching (Minor)**
**733707 - Tourism Studies (Minor)**
**733708 - Urban & Regional Planning (Minor)**
**733725 - Geography: Tourism Studies (BS)**
**733726 - Geography: Geospatial Science & Technology (BS)**
**733729 - Geography: Environmental Studies (BS)**
**733730 - Geography: Global Studies (BS)**
**733731 - Geography: Urban & Regional Planning (BS)**
**733732 - Geography: Geospatial Intelligence (BS)**

## Courses

**GEOG 100 - The Geographic Approach**
**GEOG 101 - Global Environment: Understanding Physical Geography**
**GEOG 110 - Landscapes of Disaster: An Introduction to Natural Hazards**
**GEOG 120 - Geography and World Affairs**
**GEOG 130 - Introduction to Human Geography**
**GEOG 210 - Introduction to Urban and Regional Planning**
**GEOG 211 - Mapping Your World**
**GEOG 212 - Introduction to Geographic Information Systems**
**GEOG 217 - Programming for Geographers**
**GEOG 222 - Statistics for Geographers 1**
**GEOG 245 - Geography of Utah**
**GEOG 250 - United States and Canada**
**GEOG 255 - Middle and South America**
**GEOG 260 - Europe**
**GEOG 265 - Russia and the Former Soviet Union**
**GEOG 271 - Middle East**
**GEOG 272 - East Asia**
**GEOG 273 - Southeast Asia**
**GEOG 280 - The Pacific Islands**
**GEOG 285 - Africa South of the Sahara**

GEOG 303 - Biogeography
GEOG 304 - Geography of Climates
GEOG 305 - Geography of Landforms
GEOG 306 - Public Lands: Planning & Management
GEOG 307 - Spatial Analysis of Environmental Data
GEOG 311 - Intermediate Geographic Information Systems
GEOG 312 - Cartographic Design
GEOG 313 - Remote Sensing 1
GEOG 317 - Analytical Cartography
GEOG 322 - Statistics for Geographers 2.
GEOG 331 - Economic Geography
GEOG 336 - Urban Geography
GEOG 341 - Political Geography
GEOG 346 - Population Geography
GEOG 347 - Geography of Tourism
GEOG 348 - International Perspectives on Tourism
GEOG 349 - Global Adventure Travel
GEOG 350 - Sustainable Tourism Planning & Development
GEOG 353 - Heritage and Cultural Tourism
GEOG 399R - Academic Internship
GEOG 410 - Urban Planning Methods
GEOG 411 - Issues in Computer Cartography
GEOG 412 - Advanced Geographic Information Systems
GEOG 413 - Remote Sensing 2
GEOG 414 - Low Altitude, Large-Scale Image Acquisition and Processing
GEOG 415R - Geographic Field Methods
GEOG 421 - Urban Planning Law
GEOG 422 - Principles of Urban Design
GEOG 424 - Urban Transportation Planning
GEOG 441 - Seminar in Geography and Geospatial Intelligence 1.
GEOG 442 - Seminar in Geography and Geospatial Intelligence 2
GEOG 477R - Secondary Minor Student Teaching
GEOG 487 - Environment and Society: A Geographic Perspective
GEOG 489 - Geographic Approaches to Contemporary Issues
GEOG 493R - Special Problems
GEOG 495R - Mentored Research
GEOG 501R - Seminar in Geography
GEOG 503 - Geographic Information Systems
GEOG 510 - Professional Planning Studio
GEOG 521R - Geographic Information Practicum

# Family Life, School of Department

# Family Life

School of Family Life

## Administration

**Director**: Erin Kramer Holmes
**Associate Director**: Jeremy B Yorgason
**Associate Director**: Sarah Marie Coyne

**Department Information:**

2086 JFSB

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WEBSITE

**Advisement Center:**

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FACULTY

The School of Family Life is committed to enhancing the quality of life of individuals and families within homes and communities. Accordingly, the mission of the school is to:

- Provide instruction that fosters commitment to the principles in *The Family: A Proclamation to the World.*
- Conduct research that contributes to the understanding and enhancement of human development, temporal well-being in the home, marriage and family relationships.
- Help students develop the attitudes, beliefs, behaviors, and skills that characterize persons of positive influence—in their own marriage and families, in their professions, in church and public service, and in other personal relationships.

# Admission to Degree Program

All degree programs in the School of Family Life are open enrollment.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

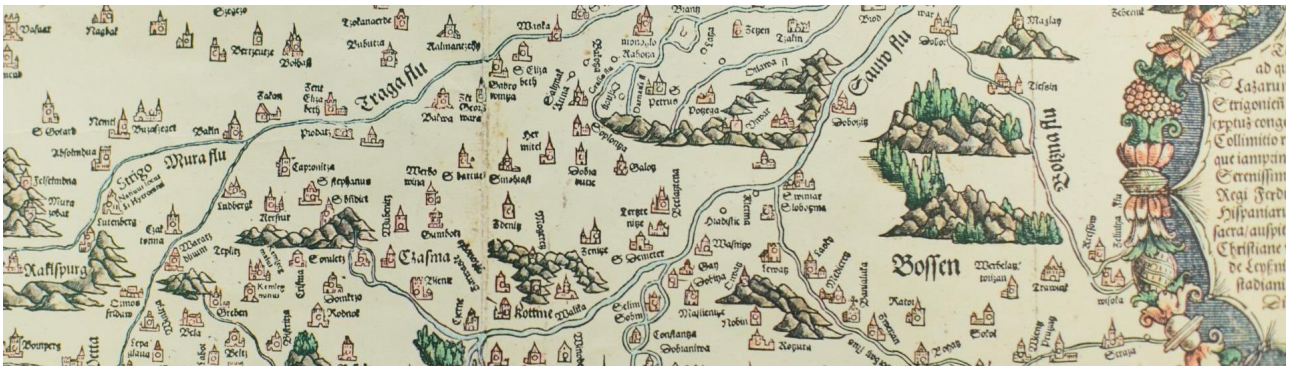
**732202 - Family Life (Minor)**
**734721 - Family & Consumer Sciences Education (BS)**
**734732 - Family Life: Family Studies (BS)**
**733835 - General Studies: Family Life (BGS)**
**734730 - Family Life: Human Development (BS)**

## Courses

**MFHD 501R - Workshop in Marriage, Family, and Human Development.**
**MFHD 511 - Familial Influences on Children's Social Development.**
**MFHD 512 - Emotional and Moral Development**
**MFHD 513 - Applied Statistics in the Social Sciences**
**MFHD 514 - Theories of Human Development and Family Science**
**MFHD 542 - Work and Family**
**MFHD 550 - (MFHD-Soc) Contemporary Family Theories**
**MFHD 551 - Fathering: Scholarship and Intervention**
**MFHD 566 - Family Life Education in the University**
**MFHD 567R - Practicum in Family Life Education**
**MFHD 595R - Special Topics in Marriage, Family, and Human Development**
**MFHD 595R - Outreach in Family**
**MFT 501R - Workshop in Marriage and Family Therapy**
**MFT 590R - Readings in Marriage and Family Therapy**
**MFT 595R - Special Topics in Marriage and Family Therapy**
**SFL 100 - Strengthening Marriage and Family: Proclamation Principles and Scholarship**
**SFL 101 - Introduction to School of Family Life**
**SFL 102 - Introduction to Interiors**
**SFL 110 - Food Preparation in the Home**
**SFL 160 - Introduction to Family Processes**
**SFL 185R - Basic Sewing Techniques**
**SFL 200 - Strengthening Marriage and Family**
**SFL 202 - Design in the Home**
**SFL 205 - Home and Family Living**
**SFL 210 - Human Development**
**SFL 215 - Advanced Food Preparation**
**SFL 221 - Foundations of Developmentally Appropriate Practices in Programs for Young Children**
**SFL 222 - Practicum in Developmentally Appropriate Practices**

SFL 223 - Preparation for Marriage
SFL 230 - Housing the Family
SFL 240 - Parenting and Child Guidance
SFL 260 - Family Finance
SFL 261 - Consumerism and the Marketplace for Secondary Teachers
SFL 276R - Exploration of Teaching: Family and Consumer Sciences
SFL 280 - Dynamics of Clothing
SFL 287 - Intermediate Sewing Techniques
SFL 290 - Critical Inquiry and Research Methods
SFL 305 - Applied Statistics & Data Management
SFL 306 - Death and Dying
SFL 315 - Effective Writing & Presenting
SFL 325 - Marital Relationships: Theory and Research
SFL 328 - History of Interior Design and Architecture 1
SFL 329 - History of Interior Design and Architecture 2
SFL 330 - Preprofessional Preparation for Marriage and Family Therapy
SFL 331 - Infant Development in the Family
SFL 333 - Adolescent Development in the Family and Other Social Contexts.
SFL 334 - Adult Development and Aging in the Family
SFL 335 - Family Adaptation and Resiliency
SFL 336 - Theories in Family Perspective
SFL 340 - Family Meal Management
SFL 345 - Family Life in World Religions
SFL 351 - Social Development
SFL 352 - Perception, Cognition, & Language Development
SFL 354 - Cross-Cultural Family and Human Development
SFL 356 - Exploring Gender Development in Families
SFL 357 - Therapeutic Play Foundations
SFL 358 - Media, Family, and Human Development
SFL 359 - Child Life in Healthcare Settings
SFL 360 - Advanced Family Finance
SFL 370 - Work, Family, and Community: Exploring Interconnections
SFL 371 - Teaching with Technology in Family and Consumer Sciences Education
SFL 376 - Healthy Sexuality in Marriage
SFL 377 - Teaching Methods and Instruction in Family and Consumer Sciences Education
SFL 378 - Practicum in Secondary Education
SFL 379 - Classroom Management and Lab Safety
SFL 380 - History of Apparel
SFL 382 - Textiles
SFL 387 - Advanced Sewing Studies: Patternmaking
SFL 393R - Special Projects in Advanced Clothing Construction
SFL 395R - Special Topics in Family Life
SFL 399R - Academic Internship
SFL 400 - Addiction, Recovery, Healing in Marriage and Families
SFL 401 - Helping Relationships
SFL 403R - Research/Creative Works Practicum
SFL 420 - Administering Programs for Young Children
SFL 449 - Biological Foundations of Human Development
SFL 453 - Moral Development
SFL 460 - Advanced Family Processes
SFL 461 - The Family and the Law
SFL 465 - Marital and Family Therapy/Enrichment Techniques
SFL 471 - Philosophies of Family Work and Relationships
SFL 472 - Temporal Welfare in Families
SFL 476 - Secondary Student Teaching - Consumer Science
SFL 487 - Advanced Sewing Studies: Construction
SFL 488R - Home-Based Entrepreneurs
SFL 489 - The Family and Public Policy
SFL 490 - Advanced Issues in Human Development
SFL 496R - Academic Internship: Family and Consumer Sciences Education
SFL 498 - Family Life Education: Integrating Theory, Research, and Practice

# History, Department of Department




# History

Department of History

## Administration

**Chair**: Brian Q Cannon

**Department Information:**

2130 JFSB

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**Advisement Center:**

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FACULTY

# Admission to Degree Program

All degree programs in the Department of History are open enrollment. However, special limitations apply for teaching majors.

# The Discipline

History stands at the heart of a liberal arts bridge between the humanities and social sciences. Historical understanding is thus basic to the life of an educated human being. As such, it is the ideal major for the student who wants the broad educational background for entrance into professions such as law, government service, or business, or who wants a liberal arts education. History can also be valuable training for someone who plans to teach.

# Career Opportunities

In recognition of the broad range of uses to which historical education can be put, the field of public history has emerged in recent years. Today people whom others would consider bankers, lawyers, corporate executives, or public servants view themselves as historians—public historians. They are the people with analytical skills provided by their historical education who work outside the university but who consider themselves historians by virtue of the value of the training they have received. A significant percentage of the jobs listed by firms and agencies with BYU's Employment Office specify no major. Many of these will be taken by public historians anxious to serve their employers with the valuable skills learned in their history major.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

## Programs

**356022 - Social Science Teaching (BS)**
**734106 - History (Minor)**
**734120 - History (BA)**
**734125 - Family History - Genealogy (BA)**
**734201 - American Indian Studies (Minor)**
**734101 - Family History - Genealogy (Minor)**
**734107 - History Teaching (Minor)**
**734122 - History Teaching (BA)**
**734126 - General Studies: History (BGS)**

## Courses

HIST 190 - Thetean Production
HIST 200 - The Historian's Craft.
HIST 201 - World Civilization to 1500
HIST 202 - World Civilization from 1500
HIST 205 - Introduction to Family History Doctrine and Practice
HIST 206R - Regional and Thematic Studies in Family History
HIST 217 - The Family Historian's Craft
HIST 218 - The Family and the Law in American History
HIST 220 - The United States Through 1877
HIST 221 - The United States Since 1877
HIST 231 - Introduction to East Asian History
HIST 232 - Introduction to the History of Christianity
HIST 238 - Ancient Near East to 330 BC
HIST 239 - Ancient Near East, 330 BC - 640 AD
HIST 240 - Middle East History to 1800
HIST 241 - Middle East History from 1800
HIST 242R - (Hist-NES 347R) Arab and Islamic Civilization.
HIST 243R - (Hist-NES 349R) Jewish Civilization.
HIST 244 - Jewish History: A.D. 70 to the Present
HIST 247 - (Hist-ClCv 304) Greek History
HIST 248 - (Hist-ClCv 307) Roman History.
HIST 250 - Europe 1500 to the Present
HIST 251 - Conquest and Colonization of Latin America.
HIST 252 - Modern Latin America
HIST 253 - Religion in Colonial Latin America
HIST 260 - Early Africa
HIST 261 - Modern Africa
HIST 276 - Exploration of Teaching - Social Science
HIST 280 - Northern US Family History Research and Methodology
HIST 281 - Southern US Family History Research and Methodology
HIST 282 - Colonial North American Family History Research and Methodology
HIST 283 - British Family History Research and Methodology
HIST 284 - German Family History Research and Methodology
HIST 285 - Scandinavian Family History Research and Methodology
HIST 286 - Southern European and Latin American Family History Research and Methodology
HIST 287 - Eastern European Family History Research and Methodology
HIST 288R - Women in a Changing World
HIST 289 - Citizen Nation
HIST 290 - Nature and History: The Earth's Environmental Past
HIST 292 - Food and History
HIST 293 - World War II in History and Memory
HIST 294 - The Age of the French Revolution
HIST 295 - Latin America in the Age of Revolution, 1750-1850
HIST 298 - Digital History
HIST 299R - Academic Internship
HIST 300 - The Early Middle Ages
HIST 301 - The Late Middle Ages.
HIST 302 - The Italian Renaissance
HIST 303 - The Reformation: Age of Turmoil
HIST 305 - The Age of Enlightenment
HIST 306 - Nineteenth-Century Europe
HIST 307 - Europe Since 1914
HIST 308 - History of the Mediterranean Sea
HIST 309 - European Revolutions Since 1500
HIST 310 - The Automotive Age: History, Technology, Culture, and Environment
HIST 311 - The History of Film, Radio, and Television
HIST 312 - History of Ideas
HIST 313 - Strategy in Peace and War
HIST 314 - Fascism and Nazism in Europe, 1914-present
HIST 315 - European Jews and the Holocaust
HIST 317 - Terrorism and Counterterrorism
HIST 318 - European Women's History
HIST 319 - The Family in Europe
HIST 322 - Pre-Modern Britain
HIST 323 - Modern Britain
HIST 324 - France
HIST 325 - Spain
HIST 326 - The History of Mexico
HIST 327 - Italy in the Modern World Since 1848
HIST 328 - Modern Germany
HIST 329 - The City in Brazil: An Urban History
HIST 330 - The Russian Empire Under the Romanovs
HIST 331 - Soviet Union and Post-Soviet Russia.
HIST 332 - Scandinavian History
HIST 333 - History of the Ottoman Empire
HIST 334 - History of Ancient Iraq
HIST 335 - Crusades
HIST 336 - South African Liberation Movements
HIST 337 - Pre-modern Korea
HIST 338 - Modern Korea
HIST 339 - African Social Change
HIST 340 - Traditional China
HIST 341 - China Since 1200
HIST 342 - The Mongol Empire in World History
HIST 343 - Early Japan: Shinto and Samurai, Courtiers and Courtesans
HIST 344 - Modern Japan
HIST 345 - Islam in Africa
HIST 347 - Chinese Cultural History
HIST 348 - Modern South East Asia
HIST 349 - History of Asian Religions and Thought
HIST 350 - English Language Paleography
HIST 351 - German Language Paleography
HIST 352 - Scandinavian Languages Paleography
HIST 353 - Romance Languages Paleography
HIST 354 - Russian Language Paleography
HIST 355 - History of Argentina
HIST 356 - Brazil
HIST 357 - The Indian in Latin American History
HIST 358 - Gender and History in Latin America
HIST 359 - Inter-American Relations
HIST 360 - American West to 1900
HIST 361 - The American West Since 1900
HIST 362 - United States Immigration History
HIST 363 - The Spanish Frontier in North America
HIST 364 - Utah
HIST 365 - American South
HIST 366 - Slavery and the Slave Trade in Africa and the Atlantic World
HIST 367 - Slavery in the United States
HIST 368 - Sport, Society, and American Culture
HIST 369 - History of Travel and Tourism
HIST 370 - Early America
HIST 371 - Revolutionary America
HIST 372 - The History of the US Presidency
HIST 373 - Civil War Era, 1848-1877
HIST 374 - U.S. History from 1890 to 1945
HIST 375 - Joseph Smith in Mormon History and Historiography

HIST 376 - U.S. History from 1945 to 2000
HIST 377 - Growing Up in America: A History of Childhood and Youth
HIST 378 - History of American Families
HIST 379 - U.S. Religious History to 1860
HIST 380 - U.S. Religious History Since 1860
HIST 381 - Computers in Family Historical Research and Publication
HIST 382 - Mormonism in the American Experience
HIST 383 - African-American History, 1865 to Present
HIST 384 - United States Women's History
HIST 385 - Latinos in the United States
HIST 386 - American Indian History to 1877.
HIST 387 - American Indian History from 1877 to the Present.
HIST 388 - Genetic Genealogy
HIST 389 - Mormonism Among Christian Theologies: A Comparative History
HIST 390R - Special Topics in History
HIST 391 - The Vietnam War
HIST 392 - U.S. Constitutional History
HIST 393 - U.S. Foreign Relations
HIST 394 - Scripture in American History
HIST 395 - Teaching with Technology in Social Studies
HIST 396 - Telling the Story of History: A Writing Workshop
HIST 397 - Historical Literacies in United States History
HIST 398 - American Capitalism: Politics and the Economy in Modern American History
HIST 399 - Democratic Classroom Design for Social Studies
HIST 420 - Latin Paleography
HIST 430R - (Hist-Clscs) Topics in Ancient Roman History
HIST 430R - (Hist-Clscs) Topics in Ancient Greek and Roman History
HIST 430R - (Hist-Clscs) Topics in Ancient Greek History
HIST 431 - Public History
HIST 439 - Seminar on Professional Family History Research
HIST 476 - Student Teaching - History Teaching and Social Science Teaching
HIST 477 - History and Social Science Teaching Methods and Instruction
HIST 478 - Practicum in Secondary Education
HIST 479R - Secondary Minor Student Teaching
HIST 481R - Directed Research in Family History
HIST 485 - Topical Readings Seminar
HIST 487 - Philosophies of History
HIST 490 - Capstone Research Seminar
HIST 495R - Directed Research
HIST 496R - Academic Internship: History Teaching and Social Science Teaching
HIST 496R - Academic Internship: Family, Local, and Social History
HIST 498R - Directed Readings
HIST 500R - Special Studies in History
HIST 564 - Sources and Problems in Western U.S. History
HIST 565 - Sources and Problems in Latter-day Saint History
HIST 566 - Sources and Problems in Utah History
HIST 587 - Philosophies of History
HIST 590R - Special Topics
HIST 598R - Special Readings in History

# Political Science, Department of Department

# Political Science

Department of Political Science

## Administration

**Chair**: Jay Michael Goodliffe

**Department Information:**

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**Advisement Center:**

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FACULTY

## Admission to Degree Program

All degree programs in the Department of Political Science are open enrollment.

# The Discipline

The political science major is designed to fulfill the admonition of the Doctrine and Covenants (88:79–80) to teach one another "things which are at home, things which are abroad; the wars and the perplexities of the nations, and the judgments which are on the land; and a knowledge also of countries and of kingdoms that ye may be prepared in all things."

Politics and government are central to the human condition, involving fundamental collective choices about our local, national, and global communities. Successful governance establishes justice, ensures tranquility, promotes welfare and prosperity, and secures liberty. Failed governance brings violence, poverty, chaos, and fear. Politics lays bare our highest aspirations and our basest impulses.

Political science involves a wide range of theoretical, empirical, and moral inquiry into the fundamentals of governance, with diverse perspectives about the nature, uses, and abuses of power. Students learn various methods of inquiry, ranging from statistical analysis of quantifiable data to historical methods to interpretation of influential philosophical texts. With these skills, political science students consider the nature of justice, the causes of domestic and international conflict, the diverse forms of government, the dangers of authoritarianism, the global interconnections among governments and societies, how well governments and politicians represent citizens, and the ways that political parties and mass media shape public participation and public policy. Political science graduates reflect on their own political values, engage respectfully with competing ideas, and become prepared “in all things” to lead their lives more responsibly and intelligently and to influence their communities for the better.

# Career Opportunities

Political science improves students’ critical thinking, reading, writing, and methodological skills, which helps prepare them for essential responsibilities as a person and as a citizen, as well as for additional studies and employment in a modern economy. More specifically, the Political Science department offers a series of undergraduate emphases in political science for students who are preparing for public service, non-profit work, research careers, or professional degrees in law or business. These emphases are: Global Development, International Strategy and Diplomacy, Legal Studies, Political Strategy, and Research and Data Analysis.

# Internships

Political science students are encouraged to enrich their undergraduate education and enhance their career prospects with an off-campus internship experience. Several high-quality opportunities are available for which credit may be earned toward the major or minor.

**Washington Seminar.** Students from any academic discipline spend a semester or term in Washington, D.C., working in government, business, communications, or the arts. The program includes course work on contemporary national issues. Participants earn 6 to 12 hours of upper-division credit.

**Utah State Legislature Internship.** During each winter semester, students from any academic discipline may work as interns in the Utah State Legislature. Students interested in legislative and public policy processes will particularly benefit from the experience. Participants earn 5 to 14 hours of upper-division credit and a small stipend.

**International Internships.** The International Internship Program at the David M. Kennedy Center places students in a variety of internships with foreign governments and international institutions. Some of these internships are eligible for credit towards the major.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education. (For a complete listing of courses that meet university core requirements, see here.)

- At least 30 credit hours in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

## Programs

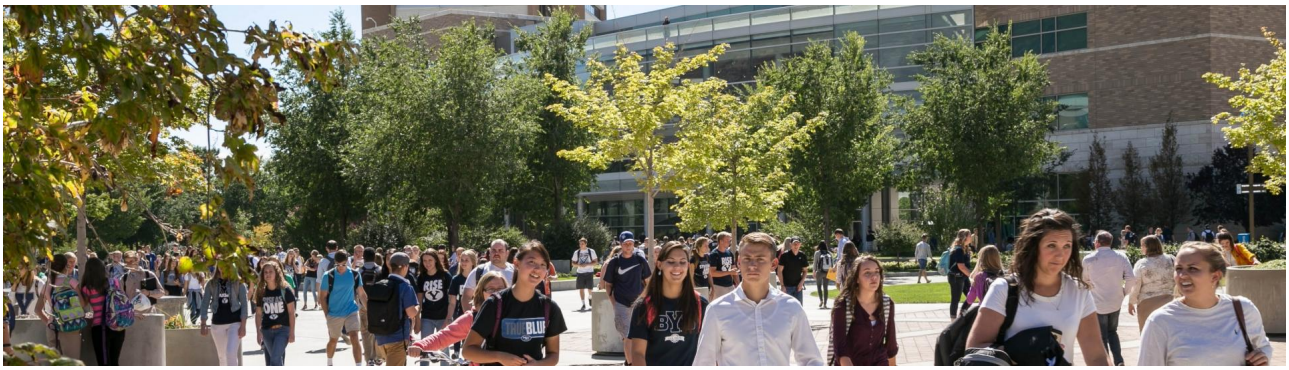
**735103 - Political Science (Minor)**
**735105 - International Strategy and Diplomacy (Minor)**
**735106 - Legal Studies (Minor)**
**735107 - Political Strategy (Minor)**
**735108 - Political Research and Data Analysis (Minor)**
**735111 - Political Science: International Strategy and Diplomacy (BA)**
**735112 - Political Science: Global Development (BA)**
**735113 - Political Science: Legal Studies (BA)**
**735114 - Political Science: Political Strategy (BA)**
**735115 - Political Science: Research and Analysis (BA)**
**735121 - Political Science (BA)**

## Courses

**POLI 110 - American Government and Politics**
**POLI 150 - Comparative Government and Politics**
**POLI 170 - Introduction to International Politics**
**POLI 200 - Political Inquiry**
**POLI 201 - Western Political Heritage 1**
**POLI 202 - Western Political Heritage 2**
**POLI 210 - Principles of American Politics**
**POLI 249R - Introductory Topics in Politics**
**POLI 250 - Principles of Comparative Politics**
**POLI 270 - Principles of International Relations**
**POLI 278 - Applied Statistics for Public Policy and Law**
**POLI 297R - Internship Program Preparation**
**POLI 300 - Statistical Analysis**
**POLI 301 - Data Visualization**
**POLI 302 - Experimental Research Methods**
**POLI 303 - Qualitative Methods**
**POLI 304 - Game Theory in Political Science**
**POLI 305 - Survey Research Methods**
**POLI 306R - Topics in Political Science Methods**
**POLI 310 - Research Project in American Politics**
**POLI 311 - State Government and Politics**
**POLI 312 - American Judicial Politics**
**POLI 313 - Interest Groups**
**POLI 314 - The United States Presidency**
**POLI 315 - Congress and the Legislative Process**
**POLI 316 - American Political Parties**
**POLI 317 - Public Opinion and Voting Behavior**
**POLI 318 - Campaigns and Elections**
**POLI 319R - Topics in American Government and Politics**
**POLI 321 - The Media in American Politics**
**POLI 322 - Urban and Local Politics**
**POLI 323 - Race, Ethnicity, and Gender in American Politics**
**POLI 324 - Political Psychology**
**POLI 325 - Politics of Wilderness, National Parks, and Public Land Management**
**POLI 330 - Research Project in Public Policy**
**POLI 331 - Politics and Public Policy**
**POLI 332 - Public Policy Analysis**
**POLI 333 - Politics of Bureaucracy**
**POLI 334 - Public Ethics**
**POLI 336 - Government and Religion**
**POLI 339R - Topics in Public Policy**
**POLI 340 - Democracy and Autocracy**
**POLI 341 - European Politics**
**POLI 342 - Gender and Politics**
**POLI 343 - Designing Democracy: Constitutional Design for Democratic Governance**
**POLI 344 - Comparative Political Economy**
**POLI 345 - Comparative Parties and Elections**
**POLI 346 - Southeast Asian Politics**
**POLI 347 - Russia/Former Soviet Politics**
**POLI 348 - Government and Politics of Asia**
**POLI 349R - Topics in Politics**
**POLI 350 - Research Project in Comparative Politics**
**POLI 351 - British Government and Politics**
**POLI 352 - African Politics**
**POLI 353 - China: Government and Politics**
**POLI 355 - Canadian Government and Politics**
**POLI 357 - Middle East Politics**
**POLI 358 - Latin American Politics**
**POLI 359R - Topics in Comparative Politics**
**POLI 360 - Research Project in Political Theory**
**POLI 362 - Reason, Revelation, and Politics**
**POLI 364 - Jurisprudence**
**POLI 365 - Early American Political Thought: 1620-1865**
**POLI 366 - Modern American Political Thought: 1865-Present**
**POLI 367 - Contemporary Political Theory**
**POLI 368R - Topics in Political Philosophy**
**POLI 370 - Research Project in International Relations**
**POLI 372 - International Political Economy**
**POLI 373 - International Law**
**POLI 374 - Ethics and International Affairs**
**POLI 375 - International Organizations**
**POLI 376 - U.S. Foreign Policy**
**POLI 377 - National Security Affairs**
**POLI 378 - International Conflict**
**POLI 379R - Topics in International Relations**
**POLI 380 - International Relations of Latin America**
**POLI 381 - International Relations of the Middle East**
**POLI 384 - International Relations of Europe**

**POLI 385 - International Relations of Asia**
**POLI 387 - International Relations of Developing Countries**
**POLI 388 - Chinese Foreign Policy**
**POLI 391 - Advanced Seminar on Current Issues**
**POLI 392R - Topics in Political Strategy**
**POLI 393R - Topics in Legal Studies**
**POLI 394R - Topics in Global Development**
**POLI 395R - Political Review**
**POLI 397 - Utah Legislative Politics**
**POLI 398 - Speaker Series on Political Careers**
**POLI 399R - International Internship**
**POLI 399R - Utah Legislature Internship**
**POLI 399R - Pre-Law Internship**
**POLI 399R - Washington DC Internship**
**POLI 399R - Academic Internship**
**POLI 420 - Constitutional Law - American Federal System**
**POLI 421 - Constitutional Law - Rights and Immunities**
**POLI 422 - Interests and Ideas in the American Founding**
**POLI 423 - Political Extremism in the United States**
**POLI 428 - Advanced Statistical Analysis**
**POLI 444 - The Political Economy of Development**
**POLI 452 - Islam and Politics**
**POLI 461 - Federalist Papers**
**POLI 462 - Tocqueville on America**
**POLI 465 - Philosophy of the Social Sciences**
**POLI 472 - International Political Economy of Women**
**POLI 473 - Human Rights**
**POLI 474 - Arab-Palestinian-Israeli Conflict**
**POLI 475 - Civil Wars and Ethnic Violence**
**POLI 476 - Terrorism**
**POLI 491R - Center for the Study of Elections and Democracy - Lab**
**POLI 492R - Global Politics Lab**
**POLI 497R - Mentored Research**
**POLI 498R - Directed Readings**

# Psychology, Department of Department



# Psychology

Department of Psychology

## Administration

**Chair**: Gary Michael Burlingame

**Department Information:**

1082 KMBL

801-422-6357

psychology@byu.edu

WEBSITE

**Advisement Center:**

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

FACULTY

## Admission to Degree Program

All undergraduate degree programs in the Department of Psychology are open enrollment.

# The Discipline

Psychology is a traditional discipline in the liberal arts and sciences and is rooted in the Western intellectual tradition. Since its founding in the late nineteenth century, psychology has distinguished itself primarily as a science with a wide scope of interests. Many psychologists also provide treatment for a broad range of disorders, and others work to solve pressing social issues. The diverse world community of academic and professional psychologists is devoted to expanding our understanding of individual and collective behavior and applying that understanding toward improving the human condition.

The department joins students and faculty together to make a scientific and applied contribution to the discipline of psychology. Its faculty members and administrators are committed to an educational experience that excites learning and understanding in personal and collaborative settings. At the same time the department honors the restored gospel as vital for psychological theory, as a guide for professional conduct, and as a source of unique insight. Aware of the history of psychology and as active participants therein, faculty members hold students to high standards of individual and collective performance and understanding. Students are expected to respond to multiple styles of teaching and broad opportunities for engagement in research and application with serious and sustained interest and effort. In this way the department distinguishes itself as a community of scholarship, moral principle, and devotion to the elevation of humankind.

# Career Opportunities

The psychology major is a gateway to professional employment and to advanced study in psychology. Psychologists engage in a variety of academic roles as teachers, researchers, and administrators and also provide counseling, clinical, and consulting services to individuals and organizations. Psychologists are employed by colleges and universities, public and private schools, clinics, and hospitals. They work in private practice and for corporations and government entities. The study of psychology has particular value for family life and for civic and cultural roles generally. The psychology major provides a well-informed perspective on human and organizational behavior in preparation for occupations in law enforcement, law, or business.

Most professional positions require a master's or doctoral degree, although a bachelor's degree may be sufficient to gain employment in mental health care, detention and probation services, auxiliary social work, personnel, or human resources. Further, the psychology major gives students a particularly strong background leading to graduate study in business, law, or medicine.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**735401 - Psychology (Minor)**
**735420 - Psychology (BS)**
**735426 - General Studies: Psychology (BGS)**

## Courses

**PSYCH 101 - Orientation to the Psychology Major**
**PSYCH 111 - Introduction to Psychological Science**

PSYCH 140 - Teaching Assistant Training
PSYCH 200 - Applying to Graduate School
PSYCH 210 - A History of Psychology
PSYCH 212R - Special Topics in Psychology
PSYCH 220 - Human Development: Life Span
PSYCH 305 - Multicultural Psychology
PSYCH 306 - Psychology of Gender
PSYCH 307 - Writing Within Psychology
PSYCH 308 - Psychological Statistics
PSYCH 309 - Psychometrics
PSYCH 310 - Psychological Research Design and Analysis
PSYCH 311 - Critical Issues in Psychology
PSYCH 312R - Advanced Methods
PSYCH 320 - Developmental Psychology: Childhood
PSYCH 321 - Developmental Psychology: Adolescence
PSYCH 322 - Developmental Psychology: Adulthood
PSYCH 330 - Organizational Psychology
PSYCH 338 - Sport Psychology
PSYCH 341 - Personality
PSYCH 342 - Psychopathology
PSYCH 343 - Child Psychopathology
PSYCH 345 - Basic Mediation
PSYCH 348 - Clinical Psychology
PSYCH 349 - Introduction to Positive Psychology
PSYCH 350 - (Psych-Soc) Introduction to Social Psychology
PSYCH 352 - Applied Social Psychology.
PSYCH 353 - The Restored Gospel of Jesus Christ and Psychology
PSYCH 354 - Psychology of Religion
PSYCH 356 - Introduction to Health Psychology
PSYCH 358 - Leadership Development
PSYCH 370 - Sensation and Perception
PSYCH 375 - Cognition
PSYCH 377 - The Cognitive Neuroscience of Memory
PSYCH 381 - Behavioral Neurobiology
PSYCH 382 - Stress Psychobiology
PSYCH 387 - Introduction to Primate Behavior
PSYCH 388 - Drugs, Reward and Addiction
PSYCH 390R - Sleep Psychology
PSYCH 390R - Special Topics in Psychology
PSYCH 399R - Academic Internship
PSYCH 410R - Senior Practicum: Teaching of Psychology
PSYCH 420R - Senior Practicum: Community Projects
PSYCH 430R - Senior Practicum: Research in Psychology
PSYCH 492R - Supervised Instructional or Research Experience
PSYCH 495R - Independent Readings
PSYCH 496R - Academic Internship, Capstone
PSYCH 499R - Independent Research
PSYCH 501 - Data Analysis in Psychological Research 1
PSYCH 502 - Data Analysis in Psychological Research 2
PSYCH 503 - Research Measurement
PSYCH 504 - Research Design
PSYCH 505 - Clinical Research
PSYCH 510 - History and Systems of Psychology
PSYCH 511 - Philosophy of Science for the Social Sciences
PSYCH 512 - Qualitative Research Methods
PSYCH 513R - Topics in Behavioral Neuroscience
PSYCH 514 - Computational Neuroimaging Analysis
PSYCH 515 - Neuroimaging Analysis 1: Structural Imaging
PSYCH 516 - Neuroimaging Analysis 2: Diffusion Weighted Imaging
PSYCH 517 - Neuroimaging Analysis 3: fMRI
PSYCH 520 - Advanced Developmental Psychology
PSYCH 531 - Organizational Psychology
PSYCH 540 - Personality Theory
PSYCH 550 - Theory and Research in Social Psychology
PSYCH 552 - Applied Social Psychology
PSYCH 555 - Group Dynamics
PSYCH 565 - Motivational Psychology
PSYCH 575 - Cognitive and Affective Processes
PSYCH 578R - Seminar in Mathematical Psychology
PSYCH 583 - Health Psychology
PSYCH 584 - Cognition, Affect, and Brain Function
PSYCH 585 - Human Neuropsychology/Biological Bases of Behavior
PSYCH 586 - Hormones and Behavior

# Sociology, Department of Department

# Sociology

Department of Sociology

## Administration

**Chair**: Curtis D Child

**Department Information:**

2008C JFSB

801-422-2105

sociology@byu.edu

WEBSITE

**Advisement Center:**

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

All degree programs in the Department of Sociology are open enrollment.

# The Discipline

Sociology is the study of social relations. For example, sociologists study social interactions, the relations of power, modern society, family and community life, organizations, and institutions. Among other things, sociologists study social change and social movements, diversity, the origins of inequality, and social conflict. The study of sociology includes learning about the theoretical perspectives and the diverse research methodologies that inform sociological analysis.

# Career Opportunities

Students major in sociology in preparation for a number of different careers. Individuals are trained to analyze available information, summarize findings, draw conclusions, and solve problems. The study of sociology prepares a student for professional training in law, social work, public policy, and public or business administration. Sociology also provides training for occupations that do not require graduate training: commercial and retail sales, real estate, financial planning, information management and analysis, and market research. Students interested in working for nonprofit organizations and for government agencies should consider majoring in sociology. Students interested in studying criminology or a career in law enforcement may also consider sociology as a major. Sociology is also good preparation for improving the quality of life in our families and communities.

Becoming a sociologist requires further graduate study, either a PhD or a master's degree.

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# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**735802 - Sociology (Minor)**

**735823 - Sociology (BS)**

## Courses

**SOC 111 - Introductory Sociology**
**SOC 112 - Current Social Problems**
**SOC 113 - Multicultural America**
**SOC 200 - Professional Development in Sociology: Crafting Careers and Marketable Skills**
**SOC 222 - (Soc-WS) Introduction to Global Women's Studies**
**SOC 300 - Methods of Research in Sociology**
**SOC 301 - Applied Social Research Methods**
**SOC 302 - Research Proposal for Evaluation Research**
**SOC 307 - Data Analysis, Presentation, and Management**
**SOC 310 - Social Inquiry**
**SOC 311 - Contemporary Sociological Theory**
**SOC 318 - Adolescent Development in the Family and Other Social Contexts**
**SOC 321 - Sociology of Innovation**
**SOC 322 - Class Inequality**
**SOC 323 - Sociology of Race and Ethnicity**
**SOC 325 - Introduction to the Sociology of Religion**
**SOC 326 - Sociology of Education**
**SOC 328 - Sociology of Sport**
**SOC 329 - Medical Sociology**
**SOC 330 - Cultural Sociology**
**SOC 333 - (Soc-Nurs) End-of-Life Care**
**SOC 339 - Social Organization and Change**
**SOC 340 - Sociology of International Development**
**SOC 345 - World Populations**
**SOC 350 - (Soc-Psych) Introduction to Social Psychology**
**SOC 360 - Introduction to Family Sociology**
**SOC 361 - Theoretical Foundations of Marriage and Family**
**SOC 365 - Sociology of Aging**
**SOC 367 - Sociology of Gender**
**SOC 370 - Urban Sociology**
**SOC 380 - Deviant Behavior and Social Control**
**SOC 383 - Juvenile Delinquency**
**SOC 390R - Special Topics in Contemporary Sociology**
**SOC 399R - Academic Internship**
**SOC 404 - Qualitative Research Methods**
**SOC 405 - Multiple Regression Analysis and Social Science Computing**
**SOC 420 - Understanding Modern Societies**
**SOC 421 - Sociology of Organizations**
**SOC 422 - Inequality and Society**
**SOC 423 - Sociology of Immigration**
**SOC 424 - Political Sociology**
**SOC 425 - Markets and Society**
**SOC 426 - Sociology of Work and Occupations**
**SOC 450 - The Family and Social Change**
**SOC 455R - Senior Capstone Part 1**
**SOC 456R - Senior Capstone Part 2**
**SOC 460 - Issues in Family Sociology**
**SOC 481 - Crime, Justice, and Corrections**
**SOC 490R - Special Topics in Sociology**
**SOC 495R - Directed Reading in Sociology**
**SOC 497R - Directed Research in Sociology**
**SOC 524 - Advanced Political Sociology**
**SOC 525 - Sociology of Religion**
**SOC 528 - Sociology of Rural Communities**
**SOC 565 - The Individual and Family in Later Years.**
**SOC 590R - Special Topics in Sociology**
**SOC 595R - Directed Readings**
**SOC 598R - Pro-Seminar**

# Social Work, School of Department

# Social Work

School of Social Work

## Administration

**Chair**: Gordon E Limb

**Department Information:**

2190A JFSB

801-422-6649

socialwork@byu.edu

WEBSITE

**Advisement Center:**

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

FACULTY

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Courses

**SOC W 200 - Introduction to Social Work**
**SOC W 300 - Introduction to Social Work Research Methods**
**SOC W 331 - Social Welfare Policy**
**SOC W 360 - Social Work Practice with Individuals**
**SOC W 570 - Crisis Intervention**
**SOC W 580 - Social Work in the School Setting**
**SOC W 581 - Social Services for the Aging**
**SOC W 582 - Refugee Studies**
**SOC W 585 - Global Issues of Children at Risk**
**SOC W 595R - Directed Readings**

# Economics, Department of Department

# Economics

Department of Economics

## Administration

**Chair**: Lars John Lefgren

**Department Information:**

2146 West View Building

801-422-2859

economics@byu.edu

WEBSITE

**Advisement Center:**

1041 JFSB

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liberalarts@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

All degree programs in the Department of Economics are open enrollment. However, special limitations apply for teaching majors.

# The Discipline

Economics examines how societies choose to allocate scarce resources among competing uses. A broad range of contemporary policy issues are studied in fields such as natural resource and environmental economics, economic development and growth, international trade and finance, economic history, the organization of industries, the development and efficiency of law, business cycles, labor markets, and public and private finance.

# Career Opportunities

Professional economists work in three basic areas: business, government, and academics. Undergraduates generally pursue training beyond their BS in economics if they wish to become professional economists.

Those in business forecast and analyze various aspects of the economy or of particular markets and most often work for brokerage firms, business or economic consulting firms, investment banks, insurance companies, or large manufacturing firms.

Those in government accumulate, interpret, and analyze national and international data in support of policy development and work for agencies such as the U.S. State Department, Treasury Department, Bureau of Labor Statistics, and Office of the Trade Representative; for state planning bodies and regulatory commissions; or for international bodies like the World Bank or IMF.

Academic economists teach and conduct research at colleges and universities. Entry into these positions requires training at least as far as the master's level; for the most part, the professional degree is the PhD.

Undergraduates who are not interested in post-undergraduate study in economics generally pursue one of three options: graduate training in a profession (e.g., the MBA, MPA, JD, or MD); employment with a business consulting, economic consulting, brokerage, or other specialized service provider that relies to a substantial degree on economic analysis; or employment with a government agency or entity that relies on economic analysis and data. In the latter two areas, undergraduates typically gather and analyze data and provide research support under the direction of professional staff economists. A BS in economics is also very good preparation for those interested in foreign service careers or work with organizations in economic development, international finance, or actuarial licensing. Many undergraduates pursue business careers, including those of finance, marketing, sales, and production.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

## Programs

**736001 - Economics (Minor)**

**736021 - Economics (BS)**

## Courses

**ECON 110 - Economic Principles and Problems**
**ECON 199R - Academic Internship**
**ECON 210 - Career Preparation Seminar**
**ECON 213R - Topics in Economic Analysis**
**ECON 230 - Economic Development and Growth**
**ECON 257 - International Trade and Finance**
**ECON 378 - Statistics for Economists**
**ECON 380 - Intermediate Microeconomic Theory 1**
**ECON 381 - Intermediate Macroeconomics**
**ECON 382 - Intermediate Microeconomic Theory 2**
**ECON 388 - Introduction to Econometrics**
**ECON 398 - Applied Econometrics**
**ECON 413R - Topics in Economic Theory**
**ECON 420 - Economics of Antitrust Law and Regulation**
**ECON 421 - Law and Economics**
**ECON 431 - Economic Development**
**ECON 432 - Economic Growth**
**ECON 440 - Natural Resources and Environmental Economics**
**ECON 442 - Behavioral Economics**
**ECON 450 - Financial Economics**
**ECON 453 - Monetary Theory and Policy**
**ECON 458 - International Trade Theory and Applications**
**ECON 459 - International Monetary Theory**
**ECON 461 - Economics of Education**
**ECON 463 - Economics of the Labor Market**
**ECON 465 - Health Economics**
**ECON 468 - Urban Economics**
**ECON 474 - Topics in Economic History**
**ECON 475 - Public Economics**
**ECON 476 - Industrial Organization**
**ECON 477 - Political Economics**
**ECON 478 - Game Theory and Economics**
**ECON 484 - Machine Learning for Economists**
**ECON 490 - Senior Paper**
**ECON 498R - Readings in Economics**
**ECON 580 - Advanced Microeconomic Theory 1**
**ECON 581 - Advanced Macroeconomics**
**ECON 582 - Advanced Microeconomic Theory 2**
**ECON 588 - Advanced Econometrics**
**ECON 599R - Academic Internship: Supervised Management and Training**

# Ancient Scripture, Department of Department

# Ancient Scripture

Department of Ancient Scripture

## Administration

**Chair**: Shon David Hopkin

**Department Information:**

375A JSB

801-422-2445

WEBSITE

FACULTY

# Message from the Chair

As an integral part of Brigham Young University and Religious Education, the Department of Ancient Scripture exists to "assist individuals in their quest for perfection and eternal life" by teaching the restored gospel of Jesus Christ. In this context we seek to help students reach the aims of a BYU education through providing instruction and experiences that are spiritually strengthening, intellectually enlarging, character building, and leading to a commitment of lifelong learning and service. The central means utilized by the faculty and staff of the department to help students obtain these goals is teaching and research concerning the doctrines, covenants, ordinances and history found in the scriptures of The Church of Jesus Christ of Latter-day Saints.

In addition to assisting students to increase their "faith in God and in the restored gospel," those who successfully complete Ancient Scripture courses will have been instructed concerning the "*reason* for the hope" (JST 1 Peter 3:15, italics added) that is within them, thus emphasizing the importance of "learning, even by study and also by faith" (D&C 88:118).

## Courses

**REL A 121 - The Book of Mormon**
**REL A 122 - The Book of Mormon**
**REL A 211 - The New Testament**
**REL A 212 - The New Testament**
**REL A 250 - Jesus Christ and His Everlasting Gospel**
**REL A 275 - Teachings and Doctrine of the Book of Mormon**
**REL A 301 - The Old Testament**
**REL A 302 - The Old Testament**
**REL A 303R - Old Testament Studies**
**REL A 304 - Writings of Isaiah**
**REL A 311R - New Testament Studies of the Gospels**
**REL A 320 - The Joseph Smith Translation of the Bible**
**REL A 327 - The Pearl of Great Price**
**REL A 336 - The Book of Mormon as Sacred Literature**
**REL A 392R - Special Topics in the New Testament**
**REL A 392R - Special Topics in the Old Testament**
**REL A 392R - Writings of John**
**REL A 392R - Special Studies in Religion: Ancient Scripture**
**REL A 392R - Special Topics in the Book of Mormon**
**REL A 510R - Special Topics in Ancient Scripture**

# Church History and Doctrine, Department of Department

# Church History and Doctrine

Department of Church History and Doctrine

## Administration

**Chair**: John B Haws

**Department Information:**

375B JSB

801-422-3691

WEBSITE

FACULTY

# Message from the Chair

The Department of Church History and Doctrine seeks to assist students and other Latter-day Saints in their quest for eternal life by teaching and researching the restored gospel of Jesus Christ. While their primary purpose is to teach and mentor students in a classroom setting in ways that are both intellectually enlarging and spiritually strengthening, faculty members also produce scholarship for the larger academic and Latter-day Saint communities. The department encourages teaching and scholarship that conform to the highest academic standards, and that lead to thoughtful, meaningful discussions of the church's history, faith, and people.

## Courses

**471 - Teaching Seminary**
**REL C 130 - Missionary Preparation**
**REL C 225 - Foundations of the Restoration**
**REL C 321 - Church History Field Studies: New England, New York and Pennsylvania**
**REL C 323 - Field Studies in Nauvoo, IL**
**REL C 325 - The Doctrine and Covenants**
**REL C 341 - Joseph Smith and the Restoration, 1805-1845**
**REL C 343 - The Modern Church, 1900 to the Present**
**REL C 350R - Religious Studies in a World Setting**
**REL C 352 - Survey of Christianity**
**REL C 357 - Survey of Judaism and Islam**
**REL C 393R - Special Studies in Religion: Church History and Doctrine**
**REL C 431 - Doctrines of the Gospel**
**REL C 540R - Special Topics in Church History and Doctrine**
**REL C 100 - Introduction to The Church of Jesus Christ of Latter-day Saints**
**REL C 200 - The Eternal Family**
**REL C 261 - Introduction to Family History (Genealogy)**
**REL C 322 - Field Studies in Ohio and Missouri**
**REL C 324 - The Doctrine and Covenants**
**REL C 333 - The Living Prophets**
**REL C 342 - The Church in the West: Pioneers, Conflict, and Growth, 1846-1899**
**REL C 344 - The Global Church**
**REL C 351 - Survey of World Religions**
**REL C 353 - American Christianity and the Restored Gospel**
**REL C 358 - Survey of Eastern Religions**
**REL C 393R - Men and Women of Mormonism**
**REL C 510R - Special Topics in Church History and Doctrine**

# Management, Department of Department

# Management

Department of Management

## Administration

**Chair**: Paul Godfrey

**Department Information:**

590 TNRB

801-422-5742

marriottschool@byu.edu

WEBSITE

**Advisement Center:**

460 TNRB

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msb_advisement@byu.edu

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FACULTY

# Entrepreneurial Management

## The Discipline

Entrepreneurs seek to make the world a better place by creating valuable products and services that improve the lives of customers and add value to the economy. Entrepreneurs may create and start business ventures to bring these ideas to market, while others pursue these efforts as employees in companies ranging from startups to established firms. Others may focus on acquiring, owning and managing business ventures of all sizes and types. No matter where they find themselves, entrepreneurs seek to discover problems and innovate to solve those problems.

## What Can Entrepreneurial Management Graduates Do?

Graduates typically create, launch, and manage a new business venture, work for startup ventures or rapidly growing enterprises, or join a larger established company in a product development and business development role.

Previous companies entrepreneurship students have started include: 1-800-Contacts, Allegiance, DearElder.com, J Dawgs, KT Tape, Novi Security, HM Cole, Eco-Scraps, FiberFix, Owlet, Estify, KiTech, and Entrata (formerly Property Solutions). Students have also been hired by larger firms such as Kohls, Barclays Capital, General Mills, Aramark, and Qualtrics.

# Human Resources Management

## The Discipline

Converting human capital (employee skills and knowledge) into strategic, sustainable competitive advantages for organizations. Specifically, attracting, selecting, developing, and retaining the best talent to help an organization achieve its strategic goals through the management of the employee experience.

## What Can Human Resource Graduates Do?

Human resource professionals' main focus is to recruit, develop, and retain the employees of an organization. They maximize an organization's use of talent by finding and hiring capable employees and providing training and development experiences. As the bridge between managers and employees, they maintain positive employee relations and improve employee satisfaction, and performance. They administrate employee benefits, supervise development and wellness programs, and oversee disciplinary systems and rewards programs. Other options include careers in leadership development and in organizational or human capital consulting focusing on an organization's structure, strategy, or culture. HRM professionals may become senior executives, such as the Chief Human Resources Officer or the Executive Vice President of Human Resources.

# Strategic Management

## The Discipline

A company's strategy is a plan to gain and sustain competitive advantage. This plan reflects how company leaders think about what it takes to succeed in their market. At its core, strategy is the idea that successful companies will figure out how to offer to customers unique value that cannot be imitated by competitors.

## What Do Business Strategists Do?

Strategists help a company achieve competitive advantage by developing plans that allow the company to offer unique value to their customers. Strategists collect and analyze information about competitors, customers, and the resources and capabilities of the company. Strategists use this analysis to make recommendations about where to invest and what actions to take, over time, in order to achieve superior firm performance. Recommendations may address revenue growth, competitive positioning, acquisitions, building internal processes and capabilities, structuring existing assets or resources, entering new markets, product launches, or any other aspects that can result in higher performance for the company or ensure that competitors will find it difficult to imitate a company's moves.

Strategists work in several interesting roles such as business managers, business analysts, consultants, corporate strategists, and product management.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs

## Programs

**323411 - Strategy (Minor) ***
**323413 - Entrepreneurship (Minor)**
**326420 - Entrepreneurial Management (BS) ***
**326426 - Business Management (BS) ***
**326432 - Human Resource Management (BS) ***
**326433 - Strategic Management (BS) ***

## Courses

381 - Entrepreneurship Lecture Series
ENT 101 - Introduction to Entrepreneurship
ENT 113 - Startup Bootcamp
ENT 300 - Fundamentals of Starting a Business
ENT 301 - Business Model Ideation & Validation
ENT 302 - Legal Issues in Entrepreneurship
ENT 323 - Entrepreneurial Sales & Persuasion
ENT 326 - Career Development and Student Mentoring
ENT 382 - Technology Entrepreneurship Lecture Series
ENT 401 - Entrepreneurial Innovation
ENT 402 - Entrepreneurship Analytics
ENT 411 - Creating New Ventures
ENT 421 - Financing New Ventures
ENT 422 - Managing New Ventures and Family Business
ENT 425 - Venture Capital for Startups
ENT 427 - Building Your Lean Venture
ENT 431 - Innovation Practicum
ENT 432 - Commercializing Innovation
ENT 434R - New Venture LaunchPad
ENT 436 - Experiential Entrepreneurship
ENT 437 - Entrepreneurship Capstone
ENT 441 - Rapid Product Innovation & Development
ENT 442 - Ideation & Team Formation
ENT 445R - Software Product Management Lecture Series
ENT 478 - Venture Studio Practicum
ENT 479R - Advanced Venture Studio
ENT 490R - Topics in Entrepreneurial Management
EXDM 432 - Emotional Intelligence for Experience Designers
HRM 300 - Organizational Behavior
HRM 326 - Career Development and Student Mentoring
HRM 380 - Human Resource Management Executive Lecture Series
HRM 391 - Organizational Effectiveness
HRM 401 - Organizational Effectiveness
HRM 402 - Human Resource Management
HRM 411 - Organizational Development and Change
HRM 412 - Compensation, Benefits, and Performance Management
HRM 413 - Managerial Leadership Development
HRM 421 - HRM Implementation
HRM 430 - Managing Belonging & Inclusion
HRM 490R - Topics in Human Resource Management
HRM 540 - Organizational Effectiveness
HRM 585R - Pre-PhD HRM Seminar
M COM 320 - Management Communication
MSB 409 - Leading with Purpose
STRAT 325 - Introduction to Management Consulting
STRAT 326 - Career Development and Student Mentoring
STRAT 392 - Strategy and Economics
STRAT 401 - Strategy 1
STRAT 402 - Strategy Analytics 1
STRAT 411 - Strategy 2
STRAT 412 - Strategy Analytics 2
STRAT 421 - Strategy Implementation
STRAT 427 - Consulting Project Management
STRAT 431 - Strategic Thinking 1
STRAT 432 - Strategic Thinking 2
STRAT 433 - Strategic Thinking 3
STRAT 435 - Introduction to Coding for Technology Managers and Entrepreneurs
STRAT 437R - Associate Product Management Lecture Series
STRAT 475 - Associate Product Management Experience
STRAT 477R - Associate Product Management Lab
STRAT 488 - Agribusiness Management 1
STRAT 489 - Agribusiness Management 2
STRAT 490R - Topics in Strategic Management
STRAT 560 - Strategy and Economics
STRAT 585R - Pre-PhD Strategy Seminar

# Biology, Department of Department

# Biology

Department of Biology

## Administration

**Chair**: Byron Adams

**Department Information:**

4102 LSB

801-422-2582

biosecretary@byu.edu

WEBSITE

**Advisement Center:**

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

# Admission to Degree Programs

All majors within this department are open enrollment programs.

# The Discipline

The Department of Biology focuses on training students in the genetic, organismal, population, community and ecosystem perspectives of the biological sciences. Fields include bioinformatics, biology education, botany and mycology, ecology, evolution, systematics, genetics, genomics, human health, veterinary science and zoology.

# Career Opportunities

Biology entails rigorous, broad training and synthetic reasoning, which prepare students for careers in a wide variety of professional fields ranging from technical work in research laboratories to field technicians for environmental research companies or government agencies. Majors may develop their interest in such diverse areas as environmental biology, evolutionary biology, aquatic biology, molecular biology, plant biology, or systematics. Students satisfy the requirements for graduate studies in the biological sciences or professional schools.

Students in the Biology major receive the broadest and most flexible education.  Students in this major frequently progress to MS and PhD programs in many biological fields, as well as professional schools.

The Bioinformatics major is for students with interests in both the computer and the biological sciences. The degree merges these interests in the areas of bioinformatics and computational biology, giving students the skills for graduate or professional (medical, dental, law) schools or immediate employment opportunities after completing the undergraduate program, especially with biotechnology companies.

The Biological Science Education major provides a solid foundation in courses that meet the National Science Teachers Association certification requirements for secondary education biology teaching. The program also prepares students for continuing their education in graduate school.

The Conservation Biology major is designed to provide students with a broad scientific background in preparation for a career or graduate study in conservation fields, but with a specific focus on biodiversity science. Graduates will acquire knowledge of the issues and problems of sustainable resource usage, conservation of endangered biota, long-term preservation of biodiversity, ecosystem services and ecological economics, and management and conservation of ecosystems.

Pre-veterinary medicine students interested in veterinary medicine are encouraged to incorporate required pre-veterinary curriculum into an academic program of their choosing. See the description of the biology major for additional information.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student

- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**282021 - Bioinformatics (BS)**
**282022 - Biology (BS)**
**282024 - Biological Science Education (BS)**
**282025 - Biodiversity & Conservation (BS)**

## Courses

**BIO 100 - Principles of Biology**
**BIO 120 - Field Biology**
**BIO 130 - Biology**
**BIO 165 - Introduction to Bioinformatics**
**BIO 194 - Introduction to Mentored Research**
**BIO 220 - Biological Diversity: Animals**
**BIO 230 - Biological Diversity: Plants**
**BIO 235 - Field Botany**
**BIO 250 - Evolutionary Medicine**
**BIO 264 - Statistical Analysis for Biologists**
**BIO 276 - Exploration of Teaching in Biological Sciences**
**BIO 310 - Comparative Animal Physiology**
**BIO 316 - Advanced Scientific Writing and Communication**
**BIO 350 - Ecology**
**BIO 362 - Computational Cancer Biology**
**BIO 364 - Bioinformatics Algorithms**
**BIO 368 - (Bio-MMBio-PWS) Genomics**
**BIO 370 - Bioethics**
**BIO 375 - Plant Development and Morphology**
**BIO 377 - Teaching Methods and Instruction in Biology**
**BIO 378 - Practicum in Biology Teaching**
**BIO 379 - Classroom Management and Laboratory Safety**
**BIO 392R - Preveterinary Preceptorship**
**BIO 399R - Academic Internship**
**BIO 420 - Evolutionary Biology**
**BIO 430 - Plant Classification and Identification**
**BIO 441 - Entomology**
**BIO 443 - Ichthyology**
**BIO 445 - Herpetology**
**BIO 447 - Mammalogy**
**BIO 450 - Capstone in Biodiversity and Conservation**
**BIO 452 - Marine Biology**
**BIO 455 - Plant Ecology**
**BIO 463 - Genetics of Human Disease**
**BIO 465 - Capstone in Bioinformatics**
**BIO 470 - History and Philosophy of Biology**
**BIO 476 - Biology Student Teaching**
**BIO 494R - Mentored Research**
**BIO 494R - Electron Microscopy**
**BIO 494R - Plant Biology**
**BIO 494R - Medicinal Botany**
**BIO 494R - Fungal Biology**
**BIO 494R - Systematics**
**BIO 494R - Marine Biology**
**BIO 494R - Veterinary Science**
**BIO 494R - Entomology**
**BIO 494R - Evolution**
**BIO 494R - Bioinformatics**
**BIO 494R - Aquatic Biology**
**BIO 494R - Plant Biochemistry**
**BIO 494R - Ecology**
**BIO 496R - Secondary Teaching Internship**
**BIO 497 - Field Exam and Exit Survey**
**BIO 503 - Research Orientation**
**BIO 510 - Biological Systematics and Curation**
**BIO 511 - Lichenology**
**BIO 512 - Angiosperm Phylogeny**
**BIO 517 - Publishing in Peer-Reviewed Journals**
**BIO 520 - Symbiosis**
**BIO 525 - Animal Disease, Biosecurity, and Zoonoses**
**BIO 530 - Advanced Genetic Analysis**
**BIO 541 - Aquatic Entomology**
**BIO 550 - Behavioral Ecology**
**BIO 555 - Evolutionary and Ecological Modeling**
**BIO 556 - Limnology**
**BIO 557 - Stream and Wetland Ecology**
**BIO 559R - Evolutionary Biology**
**BIO 559R - Advanced Topics in Ecology and Evolution**
**BIO 559R - Advanced Ecology**
**BIO 559R - Tropical Biology**
**BIO 559R - Biogeography**
**BIO 559R - Biological Science Education**
**BIO 559R - Advanced Systematics**
**BIO 559R - Physiological Ecology**
**BIO 559R - Field Biology**
**BIO 560 - Population Genetics**
**BIO 581 - Biological Applications in Electron Microscopy**
**BIO 589R - Advanced Science In-Service**
**BIO 589R - Ecology Science In-Service**
**BIO 589R - Botany Science In-Service**
**BIO 589R - Evolution Science In-Service**
**BIO 589R - Genetics Science In-Service**
**BIO 589R - Meterology Science In-Service**

# Cell Biology and Physiology, Department of Department

# Cell Biology and Physiology

Department of Cell Biology and Physiology

## Administration

**Chair**: Michael Brown

**Department Information:**

4005 LSB

801-422-2006

cell@byu.edu

WEBSITE

**Advisement Center:**

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

All degree programs in the Department of Cell Biology and Physiology are open enrollment.

# The Discipline

Cell Biology and Physiology are exciting branches of biology that study the structure, function, and molecular mechanisms of cells, tissues, organs, and organ systems of living organisms. Knowledge and advancement in these fields underlies our modern understanding of human health and disease. Faculty and students work to understand such remarkable processes as how the heart develops and works to pump blood, how brain cells communicate with one another, how insulin regulates blood sugar, and how specific gene products determine the morphology and functional capacity of the nervous system. Building on a foundation of chemistry, physics, and biology, the integration of molecular, cellular, systems, and whole-body function is what distinguishes the Cell Biology and Physiology major from other life science majors. The related Biophysics major uses methods of physics, chemistry, mathematics, and biology to investigate the *physical* basis of life.

# Career Opportunities

Degree programs in the Department of Cell Biology and Physiology prepare students to pursue advanced professional or graduate degrees or to enter directly into employment. Majors provide outstanding preparation for students seeking admittance into professional programs in medicine, dentistry, optometry, podiatry, chiropractic, or pharmacy. Students who have aspirations of doing health-related research, postsecondary life science teaching, or biotech innovation will find excellent preparation for entrance into graduate programs and beyond. Graduates will also have the academic and laboratory skills necessary for employment in medical, biotech, and pharmaceutical industries. Programs offer students pursuing advanced degrees in business, public management, or law the knowledge and training necessary for admission to professional schools and work in governmental agencies, health care and biotechnical industries, and patent or health care law.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**285720 - Biophysics (BS)**

**285721 - Cell Biology and Physiology (BS)**

## Courses

**CELL 120 - Science of Biology**
**CELL 205 - Human Biology**
**CELL 210 - Human Anatomy (with virtual lab)**
**CELL 220 - Human Anatomy (with lab)**
**CELL 295R - Introductory Undergraduate Research in Cell Biology and Physiology**
**CELL 305 - Human Physiology**
**CELL 320 - Dissection Techniques in Human Anatomy**
**CELL 325 - Tissue Biology (with lab)**
**CELL 349R - Cell Biology and Physiology Teaching Experience**
**CELL 360 - Cell Biology**
**CELL 362 - Advanced Physiology**
**CELL 363 - Advanced Physiology Laboratory**
**CELL 365 - Pathophysiology**
**CELL 382 - Developmental Biology**
**CELL 399R - Academic Internship: Cell Biology and Physiology**
**CELL 444 - BIO-Innovation and -Entrepreneurship 1**
**CELL 445 - BIO-Innovation and -Entrepreneurship 2**
**CELL 450R - Readings and Discussion in Cell Biology and Physiology**
**CELL 455R - Cell Biology and Physiology Seminar**
**CELL 484 - Human Embryology**
**CELL 495R - Advanced Undergraduate Research in Cell Biology and Physiology**
**CELL 498 - Advanced Senior Research Project**
**CELL 520R - Advanced Topics in Clinical Human Anatomy**
**CELL 550R - Advanced Topics in Cell Biology and Physiology**
**CELL 561 - Physiology of Drug Mechanisms**
**CELL 562 - Reproductive Physiology**
**CELL 565 - Endocrinology**
**CELL 568 - Cellular Electrophysiology and Biophysics**
**CELL 570 - Responsible Conduct of Research**
**CELL 582 - Developmental Genetics**

# Plant and Wildlife Sciences, Department of Department

# Plant and Wildlife Sciences

Department of Plant and Wildlife Sciences

## Administration

**Chair**: Neil C Hansen

**Department Information:**

4105 LSB

801-422-2760

pws-secretary@byu.edu

WEBSITE

**Advisement Center:**

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

All degree programs in the Department of Plant and Wildlife Sciences are open enrollment.

# The Discipline

Disciplines in the Department of Plant and Wildlife Sciences focus on four of the great dilemmas facing mankind in the twenty-first century: harnessing biological technology to meet the needs of an expanding human population in the developing world; assessing and minimizing the impact of human activities on an increasingly vulnerable environment; management and conservation of wildlife and wildlands; and managing landscapes to meet increasing water, space, and other resource limitations while enhancing the aesthetic quality of urban environments.

Majors offered provide a flexible education for directly entering the job market or preparing for graduate or professional schools in business, engineering, the health professions (medical and dental schools), landscape architecture, law, natural resources, public administration, or science.

# Career Opportunities

## Genetics and Biotechnology

The discipline of genetics and biotechnology focuses on applications of molecular biology and genomics to solve problems related to health, crop and animal production, forensics, and environmental remediation. This field holds tremendous promise for meeting food sustainability needs in the developing world, delivering medical treatments customized to each patient's genomic makeup, and reducing human impacts upon the environment. The major program educates students in scientific principles and current biotechniques through a combination of classroom instruction and mentored laboratory experience on original research projects with faculty and graduate students. Graduates are prepared for immediate employment in the biotechnology industry or for graduate study in biotechnology, molecular genetics, or the health professions. An optional, integrated track in biotechnology business affords students the option of obtaining a management minor through the Marriott School of Management in preparation for management careers in life sciences industries or for law school and subsequent careers as biological patent attorneys.

## Environmental Science

Students majoring in environmental science learn fundamental principles of ecology; biodiversity; conservation; chemistry; engineering; geology; geography; and plant, animal (invertebrate/vertebrate), and soil sciences to help them solve environmental problems. They are prepared for graduate study and direct employment in fields dealing with assessing and remediating human-induced environmental impacts, as well as for careers in law, business, and the health professions.

## Landscape Management

This program is accredited by the Professional Landcare Network (PLANET), the leading professional organization in landscape contracting. The major combines practice and instruction in horticultural science, business, and landscape design to prepare students for employment as managers in landscape contracting or for graduate studies in business, law, landscape architecture, and horticulture.

## Wildlife and Wildlands Conservation

Wildlife and wildlands conservation is directed at managing wildland ecosystems-optimizing the function and services of natural ecosystems. Students are educated in wildland plants, animals, soils, and ecology, as well as wildlife and land management techniques. Graduates are well prepared to deal with complex issues involving wildlife and wildlands management and the overall conservation of natural resources.

This degree program qualifies students to work for a wide array of government and private land-management and conservation agencies. Students can qualify for federal job series employment in wildlife biology, range conservation, ecology, zoology, and botany. Common employers of these students include the U.S. Forest Service, Bureau of Land Management, Natural Resource Conservation Service, Fish and Wildlife Service, Park Service, and state wildlife management agencies. Graduates are well prepared to deal with complex issues involving wildlife and wildlands management and the overall conservation of natural resources.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**282023 - Wildlife & Wildlands Conservation (BS)**
**285802 - Environmental Science and Sustainability (Minor)**
**285824 - Environmental Science and Sustainability (BS)**
**285801 - Plant and Landscape Systems (Minor)**
**285823 - Genetics, Genomics, & Biotechnology (BS)**
**285825 - Plant and Landscape Systems (BS)**

## Courses

PWS 100 - Plants in the Environment
PWS 101 - Cultural History of Medicinal Plants
PWS 103 - Residential Landscape Design
PWS 105 - Landscape Design Graphics
PWS 110 - Sustainable Food Crop Systems
PWS 112 - Floral Design
PWS 115 - Introduction to Wildlife and Wildlands Conservation
PWS 135 - Safety Certifications for Field Biologists
PWS 150 - Environmental Biology
PWS 155 - Careers in Environmental Science
PWS 168 - Personal Genomics: Me and My Genes
PWS 180 - Climate Change: Science and Solutions
PWS 188 - Introduction to Genetics, Genomics, and Biotechnology
PWS 191 - Introduction to Plant and Landscape Systems
PWS 198R - Plant and Landscape Systems Practicum
PWS 199R - Academic Internship
PWS 205 - Landscape Computer Applications
PWS 211 - Hardscape Materials and Structures
PWS 212 - Principles of Irrigation
PWS 213 - Interior Plants and Landscapes
PWS 214 - Bidding and Estimating
PWS 215 - Principles of Range Management
PWS 216 - Plant and Landscape Lighting
PWS 220 - Trees
PWS 225 - Principles of Wildlife and Fisheries Management
PWS 250 - Field Ecology
PWS 270 - Animal Husbandry
PWS 272 - Coding for Genetic Analysis
PWS 274 - Applied Biostatistics
PWS 275 - Genetics and Reproduction.
PWS 282 - Soil Science
PWS 283 - Soil Science Laboratory
PWS 288 - Molecular Genetics Laboratory
PWS 292R - Introduction to Mentored Learning Experience
PWS 301 - Plant Propagation
PWS 303 - Soil Conservation and Management
PWS 303 - Soils Conservation and Resources
PWS 305 - Watershed Ecology
PWS 306 - Watershed Ecology Laboratory
PWS 315 - Conflict Resolution Management
PWS 316 - Advanced Scientific Writing for Genetics Majors
PWS 319 - Grasses in Urban and Natural Environments
PWS 320 - Sustainable Plant Systems
PWS 324 - Wildlife Law Enforcement
PWS 325 - Fisheries and Wetlands Management
PWS 330 - Rangeland Plant Identification and Ecology
PWS 331 - Science of Plant Pest Control.
PWS 335 - Comparative Animal Nutrition
PWS 340 - Genetics
PWS 344 - Natural History of Wildlife
PWS 350 - Rangeland Ecology
PWS 355 - Rangeland Vegetation Measurements and Analysis
PWS 357 - Techniques for Wildlife Investigations and Management
PWS 365 - Biogeochemistry
PWS 366 - Biogeochemistry Laboratory
PWS 368 - (PWS-Bio-MMBio) Genomics
PWS 369 - Science of Plant Production
PWS 375 - Policies and Laws of Aquatic Systems
PWS 380 - Advanced Landscape Design
PWS 385 - Policies and Laws of Terrestrial Systems
PWS 390R - Soil and Plant Analysis
PWS 390R - Special Topics in Plant and Wildlife Sciences
PWS 399R - Research Internship
PWS 402 - Soils and Water in the Urban Environment
PWS 405 - Environmental Chemistry Laboratory
PWS 411 - Watershed Management
PWS 416 - Rangeland Improvement and Restoration
PWS 417 - Rangeland Planning and GIS
PWS 419 - Forest Management and Ecology
PWS 420 - International Agricultural Development
PWS 431 - Plant Health Diagnostics
PWS 440 - Plant Physiological Ecology
PWS 446 - Ornithology.
PWS 447 - Mammals of North America
PWS 472 - Conservation Genomics
PWS 474 - Bacterial Genomics
PWS 480 - Environmental Capstone: Data Analysis and Writing
PWS 481 - Plant and Landscape Business Systems
PWS 490 - Case Studies
PWS 491R - Undergraduate Seminar
PWS 492 - Wildlife and Wildlands Conservation Senior Seminar
PWS 494R - Plant ID / URME Team
PWS 494R - Mentored Learning Experience
PWS 494R - Environmental Science Field Techniques
PWS 494R - Biotechnology Laboratory
PWS 505 - Aquatic and Terrestrial Biogeochemistry
PWS 511 - Environmental Biophysics: Soil and Plant Water Relations.
PWS 512 - Rangeland Landscape Ecology and Geographic Information Systems.
PWS 513 - Environmental Field Instrumentation
PWS 514 - Soil Microbiology
PWS 520 - Saline and Sodic Soils
PWS 540 - Plant Response to the Environment
PWS 547 - Ungulate Conservation and Management
PWS 551 - Quantitative Ecology
PWS 552 - Terrestrial Ecosystems
PWS 553 - Restoration Ecology
PWS 554 - Wildlife Behavioral Ecology
PWS 559 - Molecular Plant Breeding
PWS 560 - Quantitative Environmental Chemistry
PWS 575 - Plant Pathology
PWS 588 - Metagenomics
PWS 598R - Advanced Topics in the Plant and Wildlife Sciences.

## International and Area Studies Department

# International and Area Studies

## David M. Kennedy Center for International Studies

Located in the heart of Brigham Young University's campus, the Kennedy Center is a dynamic, global center offering a broad spectrum of study and service opportunities. Our richly diverse but intimately interconnected world challenges us to develop a breadth of knowledge and a depth of understanding to comprehend our complex international neighborhood. The Kennedy Center is committed to the university's injunction to "enter to learn—go forth to serve" and its aspiration to make "the world our campus."

Mission Statement:

The David M. Kennedy Center for International Studies is the heart of international engagement for the BYU community. By supporting and implementing interdisciplinary international experiences on campus and abroad, the Kennedy Center raises global awareness and competency, and equips the community with international perspectives and tools to promote intellectual, physical, and spiritual well-being throughout the world.

## Administration

**Director**: V. Stanley Benfell

**Contact Information:**

237 HRCB

801-422-3377

kennedy@byu.edu

WEBSITE

**Advisement Center:**

273 HRCB

801-422-3548

kennedy_advisement@byu.edu

WEBSITE

## Programs

- Africana Studies
- Ancient Near Eastern Studies
- Asian Studies
- European Studies

- Global Women's Studies
- International Development
- International Relations
- Latin American Studies
- Middle Eastern Studies - Arabic

## Admission to Degree Programs

All undergraduate international and area studies degree programs are open enrollment.

## International & Area Studies Program Coordinators

Africana Studies, Leslie Hadfield
Ancient Near Eastern Studies, Cecilia M. Peek
Asian Studies, Marc Yamada
European Studies, Heather Belnap
International Development, Randy Page
International Relations, Ray Christensen
Latin American Studies, Jeff Shumway
Middle East Studies/Arabic, Quinn Mecham
Global Women's Studies, Valerie Hegstrom

## International Study Programs

**Study Abroad:** BYU's traditional off-campus study programs. In these programs students are able to further their general education; pursue specialized courses in languages, the social sciences, humanities, fine arts, and other fields; gain valuable insights into their own country; and further international understanding.

**Direct Enrollment**: Students are integrated into an international university, taught by faculty native to that country, and are not accompanied by BYU faculty.

**International Internships:** Short-term, on-the-job apprentice training abroad under the direction of a firm, government agency, NGO, or other such institution.

**Field Studies:** A research experience abroad for small numbers of students directed by faculty, who generally do not accompany the students.

## Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

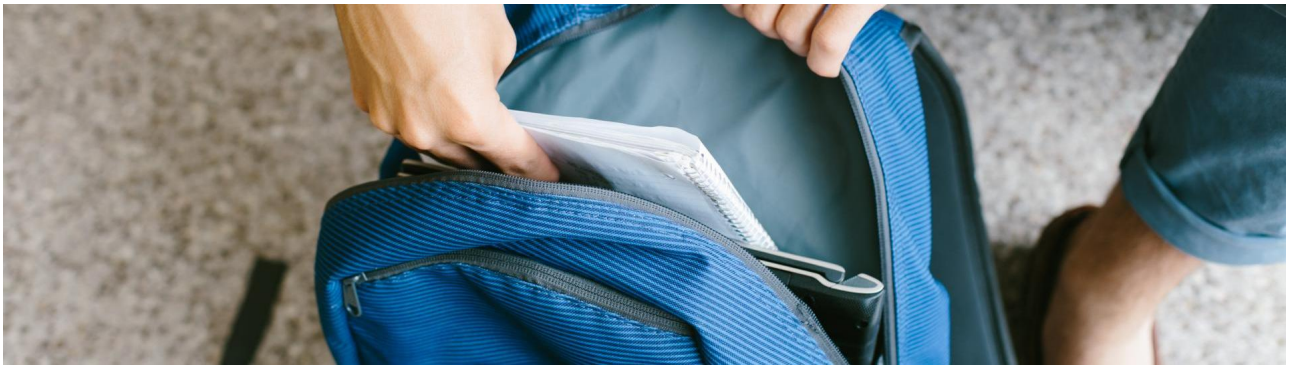
- The university core, consisting of requirements in general and religious education. (See University Core for details. For a complete listing of courses that meet university core requirements, see the current class schedule.)
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

### Courses

**ANES 201 - Introduction to Ancient Near Eastern Studies**
**ANES 310 - History and Culture of Ancient Israel**
**ANES 331 - Readings in Ancient Near Eastern Texts to 330 B.C**
**ANES 332 - Readings in Classical Near Eastern Texts**
**ANES 353R - Archaeological Fieldwork in the Near East**
**ANES 363 - Hebrew Bible Studies**
**ANES 390R - Directed Readings in Ancient Near Eastern Studies**
**ANES 392R - Topics in Ancient Near Eastern Studies**
**ANES 430R - Advanced Topics in Ancient Near Eastern Studies.**
**ANES 495 - Senior Seminar in Ancient Near Eastern Studies**
**ASIAN 200 - Introduction to Asian Studies: Methods and Materials**
**ASIAN 330R - Asian Studies Abroad**
**ASIAN 342 - Asian Literary Traditions**
**ASIAN 495 - Senior Seminar**

EUROP 200 - Introduction to European Studies
EUROP 320R - European Literature, Art, and Culture
EUROP 336R - The Social Sciences in a European Context
EUROP 337R - The Humanities in a European Context
EUROP 490R - Senior Seminar in European Studies
GWS 222 - (WS-Soc) Introduction to Global Women's Studies
GWS 330 - Women in the Scriptures
GWS 332 - The History of Latter-day Saint Women
GWS 337R - Latter-day Saint Women as Cultural Producers
GWS 341 - Women and Global Migration
GWS 350 - Medieval European Women Writers
GWS 351 - Early Modern European Women Writers
GWS 352 - Modern European Women Writers
GWS 354 - Pan American Women Writers
GWS 358 - The Gendered Camera: Women and World Cinema
GWS 360R - Women Who Have Made a Difference
GWS 370 - Women in Science
GWS 390R - Global Women's Studies Special Topics
GWS 392R - Global Women's Studies Colloquium
GWS 394R - GWS Topics taught in Languages other than English
GWS 395R - Global Women's Studies Mentored Study Experience
GWS 397R - Global Women's Studies: Editing for Publication
GWS 399R - Global Women's Studies Internship
GWS 422 - Global Women's Studies Theory
GWS 492 - Global Women's Studies Capstone
IAS 100 - Introduction to International Studies
IAS 201R - Cultural Survey-Scandinavia
IAS 201R - Cultural Survey-Africa
IAS 201R - Cultural Survey-Asia
IAS 201R - Cultural Survey-South Pacific
IAS 201R - Cultural Survey-England
IAS 201R - Cultural Survey-Europe
IAS 201R - Cultural Survey
IAS 201R - Cultural Survey: Japan
IAS 201R - Cultural Survey-Eastern Europe
IAS 201R - Cultural Survey-USSR
IAS 201R - Cultural Survey-China
IAS 201R - Cultural Survey-Middle East
IAS 220 - Introduction to Development Studies
IAS 221 - Introduction to Africana Studies
IAS 300 - Professional Development in International Studies
IAS 301R - Kennedy Center Lecture Series
IAS 302R - Seminar in International Studies
IAS 351R - Model United Nations Preparation
IAS 353R - Intercultural Outreach Preparation
IAS 354R - Model Arab League Preparation
IAS 360R - International Field Study Preparation
IAS 369R - International Internship Preparation
IAS 380R - Cultural Proofs
IAS 397R - Topics in International and Area Studies
IAS 399R - International and Area Studies Academic Internship
IAS 421 - Seminar on Japanese Workplace: Society and Culture
IAS 491 - Directed Research for African Studies Minor
IR 399R - Academic Internship: International
LT AM 211 - Introduction to Latin American Studies
LT AM 495 - Senior Seminar in Latin American Studies
MESA 201 - Introduction to Middle East Studies
MESA 250 - Introduction to the Religion of Islam
MESA 300 - Professional Development in International Studies
MESA 320 - The Qur'an in English
MESA 350 - Islam in Contemporary Society
MESA 380 - Middle Eastern Field Studies
MESA 398R - Directed Middle East Study
MESA 399R - Academic Internship
MESA 467R - Topics in Middle East Studies
MESA 494 - Capstone Arabic
MESA 495 - Senior Seminar in Middle East Studies
NES 336R - Ancient Near Eastern Studies
NES 347R - (NES-Hist 242R) Arab and Islamic Civilization
NES 349R - (NES-Hist 243R) Jewish Civilization.
NES 395R - Jerusalem Center Field Trips

# Student Development Department



# Student Development

Department of Student Development

**Department Information:**

2516 WSC

801-422-6291

FACULTY

# Student Development

Tyler R. Pedersen, Associate Director
Student Development Services
2516 WSC, (801) 422-6291

Jana Cottle, Student Development Coordinator
2518 WSC, (801) 422-6291

Student development courses are offered by faculty from Student Development Services, academic advisors from the University Advisement Center and other areas of campus, as well as by professionals in their respective fields. Courses offered in student development are intended to help BYU students with their educational, career, and personal development. Student Development courses help students:

1. Adjust to and thrive in the BYU academic and social environment.
2. Enhance their academic skills including studying, reading, time management, test-taking, and note-taking.
3. Effectively explore, select, and prepare for majors and careers suited to their interests, values, and goals.
4. Increase self-awareness, develop character and enhance mental health and well-being.
5. Develop leadership, interpersonal, and helping skills necessary to effectively serve in the campus and general community.
6. Make important life decisions.

## Courses

**STDEV 100 - Essential College Skills**
**STDEV 109 - Effective Study and Learning**
**STDEV 117 - Career Exploration**
**STDEV 120 - International Student Orientation**
**STDEV 132 - Introduction to Peer Education (Tutoring, mentoring etc.).**
**STDEV 133 - Advanced Peer Education (tutoring, mentoring etc.).**
**STDEV 140 - Life Planning and Decision Making**
**STDEV 141R - Individual Development**
**STDEV 143 - The Science and Practice of Positive Living**
**STDEV 145 - Integrity for Life: Building Personal Character**
**STDEV 150 - Public Speaking**
**STDEV 155 - Authentic Leadership and Personal Effectiveness**
**STDEV 168R - Law Lecture Series**
**STDEV 170 - Introduction to Health Professions**
**STDEV 199R - Academic Internship**
**STDEV 205 - Success in College Reading**
**STDEV 214R - Special Topics in Student Development**
**STDEV 247 - Performance Psychology**

**STDEV 255 - Team Leadership**
**STDEV 256 - Leadership and Management Skills**
**STDEV 260 - Constitutional Research**
**STDEV 261 - The Law in Literature**
**STDEV 268R - Prelaw Leadership**
**STDEV 271 - Preview of Dentistry**
**STDEV 272 - Preview of Medicine**
**STDEV 273 - Preview of Optometry**
**STDEV 274 - Preview of Physician Assistant**
**STDEV 278R - Pre-Health Leadership**
**STDEV 290 - Learning Through Service: Theory and Application of Service**
**STDEV 305 - Advanced Reading Strategies for College Success**
**STDEV 317 - Job and Internship Search Strategies**
**STDEV 318 - Graduate School Preparation: Practical Strategies for Becoming a More Competitive Applicant**
**STDEV 319 - Professional Etiquette**
**STDEV 355 - Leading Change**
**STDEV 358R - Student Leadership Development**
**STDEV 359 - Conflict Resolution**
**STDEV 364 - Mediation Techniques and Practices**
**STDEV 365 - Legal Education and Practice**
**STDEV 368R - Prelaw Review Journal Writing**
**STDEV 375 - Dental School Preparation Laboratory Experience**
**STDEV 399R - Health Professions Internship**
**STDEV 399R - Advanced EMS Internship**
**STDEV 399R - Student Leadership Internship**
**STDEV 455 - Leadership Capstone**
**STDEV 470 - Health Professions Application**
**STDEV 490 - Bachelor of General Studies Capstone**
**STDEV 496R - Advanced Legal Internship**

# Information Systems, Department of Department

# Information Systems

Department of Information Systems

## Administration

**Chair**: Tom Meservy

**Department Information:**

790 TNRB

801-422-3247

is.department@byu.edu

WEBSITE

**Advisement Center:**

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

The degree program in the department carries special enrollment limitations. Please see the BYU Marriott Undergraduate Advisement Center for specific details.

# The Discipline

Computer-based information systems have become a critical part of the products, services, operations, and management of all organizations. The effective and efficient use of information and communications technologies is an important element in achieving competitive advantage for business organizations as well as achieving excellence in service for government and non-profit organizations. The twenty-first century has seen the rapid growth of the internet, ecommerce, and purely electronic enterprises. These organizations would not even exist without the technology provided by computer-based information systems. The importance of information systems to organizations and the need for well-educated professionals in the field is the basis for strong educational programs and the development of a professional community of information systems (IS) practitioners.

Information systems involves two broad areas: (1) the acquisition, deployment, and management of an organization's information systems resources and services and (2) the development of computer-based systems and technology infrastructures for use in organization processes. Information systems professionals provide services ranging from the managerial to the highly technical. Information systems and technology skills are critical to the success of virtually all modern organizations, including small business, corporations, government, and educational institutions.

# Career Opportunities

Information systems graduates work in large and small organizations of all types, helping maintain existing technology infrastructure and specifying technology solutions to business needs. They serve as the bridge between an organization's technical personnel and its business side. Well-educated information systems graduates are in high demand in accounting firms, consulting firms, large corporations, midsized companies, technical companies, government agencies, and smaller entrepreneurial concerns. Challenging career opportunities embrace a wide range of interests. The variety of employment prospects includes opportunities for everyone from those who are primarily interested in people and organizations to those who enjoy very technical activities such as database and network administration or software development.

# General Information

## Undergraduate Application Requirements

Admitted applicants to the information systems program begin major coursework each fall semester. The following items are taken into consideration for all applicants during the admission process:

1. Prerequisite GPA
2. Essay
3. Résumé
4. Review of overall academic record
5. Professionalism

## Application Guidelines

1. Completion of the following prerequisite courses: IS 201, IS 303 (or CS 142), and ACC 200. **Note**: A minimum 3.0 average GPA in the prerequisite courses is required, with no less than a B grade in IS 201 and IS 303 (or CS 142).
2. Repeating courses to improve a grade is strongly discouraged. Repeated and transfer courses are discounted 0.3 of a grade for admission purposes only (e.g. an A- grade would be discounted to a B+ during the admission process).
3. Completion and submission of the online application, including the applicant essay. The deadline to submit the application is the last working day of June at 4:30 pm.
4. Meeting or exceeding admission criteria does not guarantee admission. The Information Systems Department reserves the right to make exceptions to admission policies as deemed necessary to admit the most qualified applicants.

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

# Graduate Programs Available

This department also offers graduate degree programs. For more information, see Graduate Studies.

## Programs

**322629 - Information Systems (BS) ***

**323402 - Information Systems (Minor)**

## Courses

**IS 110 - Spreadsheet Skills and Business Analysis**
**IS 115 - Introduction to Data Analytics in Python**
**IS 120 - Introduction to Web Development**
**IS 199R - Academic Internship: Information Systems**
**IS 201 - Introduction to Information Systems**
**IS 302 - Introduction to Database Design and SQL for Non-Majors**
**IS 303 - Introduction to Computer Programming**
**IS 315 - Introduction to Python Data Analytics (non majors)**
**IS 355 - Machine Learning Algorithms in Python (non majors)**
**IS 401 - Project management and systems design**
**IS 402 - Database Systems**
**IS 403 - Principles of Business Programming**
**IS 404 - Data Communications**
**IS 411 - Systems Design and Implementation**
**IS 413 - Enterprise Application Development**
**IS 414 - Information Systems Security and Controls**
**IS 415 - Exploratory Data Analysis**
**IS 455 - Machine Learning**
**IS 490R - Mentored Research**
**IS 501 - Information Systems for Business**
**IS 505 - Programming for Data Science**
**IS 515 - Advanced Spreadsheets for Business Analysis**
**IS 520 - Business Programming and Spreadsheet Automation**
**IS 531 - Enterprise Infrastructure**
**IS 533 - Advanced Data Communications**
**IS 537 - Data Structures and Algorithms**
**IS 540 - Spreadsheet and Database Automation Programming**
**IS 542 - Web Development**
**IS 543 - Mobile Platform Development**
**IS 550 - MISM Capstone Introduction**
**IS 551 - User Experience Design and Technical Leadership**
**IS 552 - MISM Capstone Project**
**IS 555 - Data Science Workflows for Organizations**
**IS 560 - Information Security Management.**
**IS 562 - Information Systems Project Management**
**IS 565 - Digital Forensics for Organizations**
**IS 566 - Advanced Database Management**
**IS 567 - Cybersecurity and Penetration Testing**
**IS 571 - Introduction to Academic Research in Information Systems**
**IS 572 - Structural Equation Modeling**
**IS 581 - Managing a Software Startup**
**IS 582 - Tech Strategy and Leadership**
**IS 585R - Healthcare Industry Research**
**IS 588 - Healthcare Industry Dynamics**
**IS 590R - Android Mobile Development**
**IS 590R - User-Centered Interface Design**
**IS 590R - Managing a Software Startup**
**IS 590R - Seminar in Information Systems**
**IS 590R - Computer Forensics**
**IS 590R - Network Administration**
**IS 595R - International Experience**
**IS 596R - Global Technologies**
**IS 599R - Academic Internship: Information Systems**

# Finance, Department of Department

# Finance

Department of Finance

## Administration

**Chair**: Taylor Nadauld

**Department Information:**

640 TNRB

801-422-8377

finance@byu.edu

WEBSITE

**Advisement Center:**

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

# Admission to Degree Program

The degree program carries special enrollment limitations. Please see the BYU Marriott Undergraduate Advisement Center for specific details.

# The Discipline

Is it worth it? This is the single, simple, and critical question that finance seeks to answer. Is it worth it for a company to make a strategic acquisition? Is it worth it for a mutual fund manager to buy a particular stock? Is it worth it for a company to issue a bond? Is it worth it for a recent graduate to pursue an MBA? Is it worth it to put solar panels on a house? Finance applies quantitative and qualitative analysis to answer these questions and many others, all with the aim of determining whether something is worth it.

More broadly, finance is the study of the optimal allocation (procurement, deployment, and distribution) of scarce financial resources. What is the best way for a startup to acquire financing? What are the best new projects for a firm to invest in? What is the best way for a mature firm to return excess capital to its shareholders? These are all questions finance seeks to answer.

# Career Opportunities

Finance graduates work in a variety of fields that include but are not limited to asset manager, commercial banker, corporate financial planning analyst, corporate treasury analyst, consultant, credit analyst, equity analyst, investment banker, private wealth advisor, and securities or commodity trader.

As a part of their jobs, finance professionals:

- Forecast expected cash flows from investment opportunities and potential projects
- Assess the risk and uncertainty associated with investment opportunities and potential projects
- Perform industry and macro-economic analysis
- Estimate the value of financial assets and options
- Minimize, manage, and hedge risk
- Study the efficiencies of the markets in which financial assets trade
- Analyze the interplay between time and interest
- Utilize diverse technical, analytical, critical-thinking and problem solving skill sets

# Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

## Programs

**323432 - Finance (BS) ***

## Courses

**FIN 180 - Finance Recruitment Preparation**
**FIN 200 - Personal Finance**
**FIN 201 - Principles of Finance**
**FIN 312 - Investments Academy**
**FIN 315R - Brigham Capital**
**FIN 326 - Professional Development for Finance**
**FIN 401 - Advanced Financial Management**
**FIN 402 - Managerial Finance for Non-Finance Majors**
**FIN 409 - Equity Financial Modeling and Valuation**
**FIN 410 - Investments**
**FIN 411 - Financial Derivatives**
**FIN 413 - Real Estate Finance and Investment**
**FIN 414 - Real Estate Development**
**FIN 415R - Silver Fund**
**FIN 416 - Real Estate Capital Markets & Investment**
**FIN 418 - Financial Planning**
**FIN 420 - Fixed Income Asset Management, Structured Products, and Risk**
**FIN 425 - Private Equity and Venture Capital**
**FIN 432 - International Finance**
**FIN 436 - Python and Finance**
**FIN 451 - Decentralized Finance**
**FIN 453 - Money, Banking, and Business**
**FIN 480R - Finance Society Leadership**
**FIN 487R - Capital Markets Academy**
**FIN 490R - Topics in Finance**
**FIN 510 - CFA Preparation**
**FIN 520 - Business Finance**
**FIN 585R - Pre-PhD Finance Seminar**

# BYU Conference Center Department

## Administration

**Director**: Spencer E. Hansen

**Department Information:**

2255 CONF

801-422-7700

WEBSITE

The BYU Conference Center is located northeast of the Marriott Center and adjacent to the Harman Continuing Education Building. The primary host facility for conference guests on campus, it is especially equipped to provide a favorable learning environment for guests participating in conferences, workshops, training seminars, and other educational programs. University units may sponsor or cosponsor conference center events. When certain qualifications are met, off-campus professional, government, corporate, civic, religious, family, or community organizations may also schedule events. The center is not available to promote a product or service or for other entrepreneurial efforts.

Those interested in scheduling the center are invited to contact the BYU Conference Center at 801-422-7700.

# BYU Online High School Department

### BYU Online High School

**Department Information:**

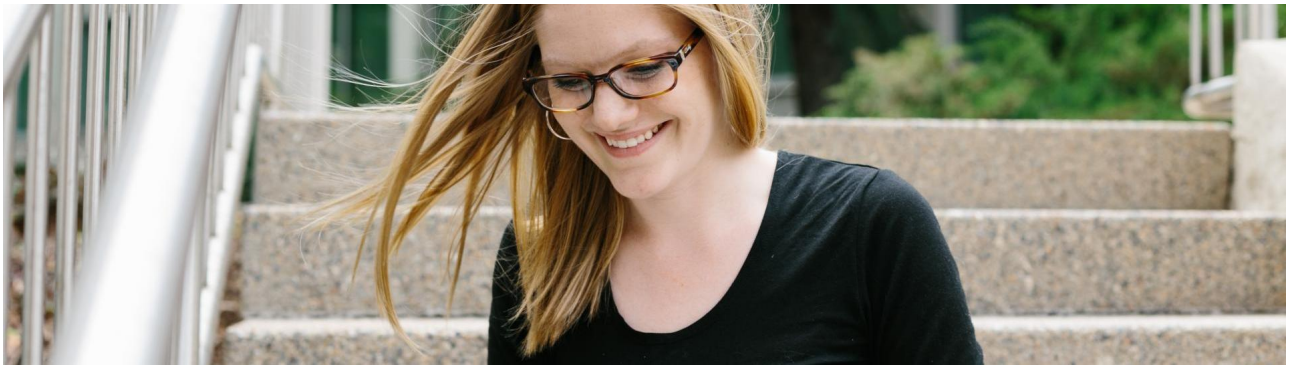
WEBSITE

BYU Online High School provides high-quality, standards-based, individualized education for a wide variety of students by offering flexible alternatives to traditional schooling, utilizing proven online teaching practices in a safe, technology-enabled learning environment. We strive to provide a balanced education that allows parents the transparency to see what their children are learning. All high school courses are designed according to national and state standards by teams of teachers and instructional designers who are experts in their fields.

BYU Online High School is a full-time, semester based, diploma-granting, private high school serving students across the United States and around the world. Students in grades 9–12 enjoy the fun and flexibility that learning online offers while meeting their unique educational needs. BYU Online High School offers two diploma tracks, Standard and Advanced.

BYU Flex High School is another option of a full-time, diploma-granting high school program but is based upon students taking our Independent Study courses (which offer up to a year to complete each course) to earn their diploma.

# BAchelor of General Studies Department



**Department Information:**

102 HCEB

801-422-4351, toll free 1-888-298-3137

bgs@byu.edu

WEBSITE

## Programs

- General Studies: American Studies (BGS)
- General Studies: Business (BGS)

- General Studies: Education (BGS)
- General Studies: English (BGS)
- General Studies: Exercise and Wellness (BGS)
- General Studies: Family Life (BGS)
- General Studies: History (BGS)
- General Studies: Psychology (BGS)

Brigham Young University's Bachelor of General Studies (BGS) Program offers former BYU students who are no longer able to attend BYU an opportunity to complete their bachelor's degree from anywhere. Applicants must have already completed 27 credit hours (exam credit excluded) at the BYU campus in Provo as an admitted day student and must abide by the Church Educational System Honor Code and receive an annual ecclesiastical endorsement. This program is not available to current BYU students who have fewer than 90 credits.

**Note for Current BYU Students**

When you are admitted as a BGS student, you are no longer classified as a day continuing student. As a result, you are no longer eligible to take day classes on campus during fall and winter semesters and lose privileges that are only available to matriculated day students including federal financial aid. Please refer to the BGS website for more details.

# Admission to Degree Program

Prospective students must complete an admissions application to the Bachelor of General Studies Office and pay a fee of $35. The BGS program is open to former students who meet all of the following criteria:

- Have completed a minimum of 27 semester hours of BYU on-campus credit in Provo as an admitted day student (exam credit excluded). Up to six of these 27 hours may be from the BYU Salt Lake Center as an admitted day student.
- Have not completed any courses as a BYU day continuing student in the last two years or have already completed a minimum of 90 credits.
- Have never completed a bachelor's or higher degree.
- Are in good standing (academic, financial, etc.) at all universities attended.
- Have a 2.0 or higher BYU and cumulative GPA. (If any academic disciplinary action—warning, probation, suspension or dismissal—has been taken against you, contact the BGS Office before proceeding with the application process.)
- Will abide by the Church Educational System Honor Code and receive an annual ecclesiastical endorsement.
- Have been approved by the BGS admissions committee.
- Have successfully completed the StDev 100 course (1-credit-hour Independent Study course taken **after provisional acceptance into program)**.

# The Discipline

The Bachelor of General Studies degree is designed to help BYU students utilize previously earned credit as much as possible. BGS uses the same curriculum standards as on-campus programs, including general education and religious education. The major is General Studies, with an emphasis in one of eight areas of study: American Studies, Business, Education, English, Exercise and Wellness, Family Life, History, or Psychology. To be eligible to complete the Education emphasis, students must have been enrolled in a teaching major at BYU and have completed all graduation requirements except student teaching. The History emphasis offers both History and Family History tracks to add a measure of specialization. The degree can be completed entirely by coursework offered through BYU Independent Study and may be supplemented by courses from Evening Classes, Salt Lake Center, and spring & summer terms.

Students may select only one emphasis and do not have the option of creating custom-made areas of study. However, within the number of general electives available, students can utilize credit previously earned in a former major or choose to take course electives of interest.

The Bachelor of General Studies is a bachelor's degree from Brigham Young University designed to help you finish at home what you started at BYU. Students pursue this program for a variety of reasons. Some desire a sense of accomplishment—to complete a degree they began years ago. Others are looking for career advancement or to eventually pursue a postgraduate degree.

# Conferences and Workshops Department

## Administration

**Director**: Robert A. Holcombe

**Department Information:**

258 HCEB

801-422-3559

WEBSITE

The Department of Conferences and Workshops assists the university's colleges, schools, and departments in developing and offering outreach programs. The department can help with both credit and noncredit programs, including conferences, workshops, symposia, continuing professional education courses, seminars, association meetings, test-prep courses, and youth camps. Programs can use either campus or off-campus facilities to extend university offerings to alumni, youth, the campus community, and other adults.

For a comprehensive listing of courses or for information on how we can help you plan a conference, visit our Web site at conferences.byu.edu.

# Especially for Youth Programs Department

## Administration

**Director**: Ben McKinnon

**Department Information:**

351 HCEB

801-422-5841

WEBSITE

Especially for Youth programs are offered by this department, both on the BYU campus and at a number of locations nationwide. Participants can choose from several multi-day variations, all including a robust EFY agenda with physical, social, and spiritual activities, plus an emphasis of their choosing. These emphases include EFY Special Edition, EFY ACT Prep, EFY Adventure For Youth, EFY Habits For Life, and EFY Mission Ready.

Finally, EFY Express is a one-day experience offered at select locations each year, typically during the school year.

# Evening Classes Department

**Department Information:**

102 HCEB

801-422-2872

https://eveningclasses.byu.edu/home?ticket=ST-183076-j7HteW8SLCPp8mqjmrPjcPM1514-ip-10-214-39-130

The Department of Evening Classes supports academic departments and colleges by offering courses into the evening hours for university students. The department also houses the BYU Office of Visiting Students, which allows individuals who would like to enroll as non-degree-seeking students in BYU courses.

Tuition rates for courses in Evening Classes are the same as for day courses. All courses taught through Evening Classes are listed online in the university's official class schedule.

# First-Year Experience Department

**Department Information:**

2014 JKB

(801) 422-8176

fye@byu.edu

WEBSITE

The Office of First-Year Experience (FYE) helps students transition from high school to university life. This includes 1) providing every student with a peer mentor- a trained guide who will help orient students to the university, answer questions, and check-in periodically with students during their first year and 2) hosting other orientation activities including New Student Orientation (NSO) and the First-Year Arts Card program. These efforts span the time between students' admission notification through the end of their first year on campus.

## First-Year Mentoring

Email: fym@byu.edu
Website: fye.byu.edu/section/mentoring

First-Year Mentoring is designed to support ***all new students*** as they transition to, and learn to thrive in, a challenging university environment. This support spans three key periods:

Pre-Arrival (March – August):
Within 2-3 weeks following admissions notification, students admitted for fall semester, and summer term are assigned to a peer mentor who will contact them (by email, phone and text) in order to answer their questions and provide direction concerning next steps in their transition from high school to the university.

Fall Semester (September – December) and/or Summer Term (June-August):
First-Year Mentoring provides every new student with the support of an individual peer mentor regardless of major, course schedule, or potential for success. We make every effort to continue the relationship formed between students and their pre-arrival mentors. Mentors and students will meet together and communicate via email and text messaging throughout the semester in order to answer questions, discuss their experiences, and connect with important university resources. Last year there were over 19,000 face-to-face meetings between students and their FYE peer mentors and the student feedback we receive is very positive about the experience.

Winter Semester (January – April):
The mentoring relationships established during fall and summer continue through periodic follow-up interviews during January through February. Although very few mentored courses or reserved seats are offered during winter semester, students who begin their university experience during winter semester will be assigned to a peer mentor.

Transfer students are also eligible for the support of a peer mentor upon request. However, access to mentored courses is reserved for freshmen. Students transferring to BYU will be contacted prior to their arrival in order to request a mentor.

## First-Year Experience & New Student Orientation (NSO)

Your orientation to BYU actually begins long before you arrive on campus. Prior to the beginning of your first term or semester, you will be contacted by a peer mentor from the Office of First-Year Experience (FYE). This mentor is a paid, trained university employee who successfully navigated their own first year and who can be a guide and resource for you across your first two semesters at BYU. Peer mentors will send periodic email, texts and even make phone calls to students. Mentors are available to answer questions, provide suggestions about effective learning strategies, connect you with other resources (e.g. academic advisors, financial aid resources, faculty members, the counseling center, etc.), and help you become a full participant in the BYU community.

A few weeks after you receive your acceptance notification you will be sent a link by the FYE office to a series of online orientation modules. These modules contain very important information about resources, programs and services available to you as a full-time student. They were developed to help your transition to BYU be as smooth as possible. The modules will take between 90 minutes to two hours and can be completed at your own pace. However, it will be important for you to complete all modules prior to arriving on campus. These modules are only one part part of your orientation to BYU. So, be sure you register for and make plans to attend the in-person NSO described below.

Immediately prior to the first day of every semester and term, an event referred to as New Student Orientation (NSO) is held. The purpose of NSO is to 1) welcome new and transfer students into the BYU community. 2) help new students understand and appreciate the unique opportunities provided by a BYU education, 3) introduce key campus resources, and 4) offer new students a great chance to connect with other students and meet their peer mentor.

NSO events and activities are designed to be both informative and fun. Activities vary according to the term or semester. In addition to a welcome from the administration and a campus tour, each orientation may include a university devotional; library tour; meetings about colleges and majors, financial aid and scholarships, the Honors Program; and an introduction to several of the traditions at the Y.

Many of the activities are organized around Y Groups, small groups of students led by peer mentors and other upperclassmen, which offer students personalized attention and support. To become fully immersed and engaged in the BYU community, NSO is vital.

Please see https://fye.byu.edu/about-nso for detailed information about NSO and to register for an NSO event.

# FlexGE Department

## FlexGE

**Department Information**

HCEB 102

801-422-4669

flexge@byu.edu

https://flexge.byu.edu/

Dean, Continuing Education: Lee Glines

Associate Dean, Continuing Education: Darin Oviatt

Director, Classroom and Continuing Education Enrolled Student Services: Jay Young

Administrator, FlexGE: Clint Payne

## Description

The FlexGE program extends the opportunity for a BYU education and experience to students not formally admitted to the university. Participants take classes for university credit with admitted BYU students on campus in Provo and at the BYU Salt Lake Center. FlexGE students also experience BYU life by participating in campus activities and events, living in student housing, and attending a YSA ward.

## Enrollment

Participants in FlexGE must meet the following eligibility requirements:

- high school graduate (or equivalent)
- at least a 2.0 GPA
- U.S. citizen
- at least 17 years old by the first day of class

Students can enroll in the FlexGE program until a week before classes begin. Their enrollment is active until the end of the academic year in which they were enrolled (fall semester through summer term). Students who wish to continue taking classes in the next academic year (beginning fall semester) must submit a new FlexGE application.

Prospective students with less than a 2.0 GPA may petition to participate in FlexGE by meeting with a FlexGE academic advisor. Current students whose GPA falls below 2.0 must meet with a FlexGE academic advisor before they can continue in the program.

## BYU Experience

FlexGE students are encouraged to integrate into the BYU community and participate in the experiences and opportunities available to students at BYU. Special emphasis is placed on participation in activities that will help students develop the attributes identified in the Aims of a BYU Education. These activities include things such as volunteering with Y Serve, joining an academic club, and serving in a calling in their YSA ward.

With few exceptions, FlexGE students have the same level of access to campus offices and resources as admitted BYU students. FlexGE students do not have access to:

- Day classes during fall and winter semesters
- On-campus housing during fall and winter semesters
- Intercollegiate athletics (including extramural sports)
- Federal Financial Aid
- Individual, Group, and Couples therapy at CAPS

## Student Support

FlexGE students have several resources provided by Continuing Education to ensure their success. Free tutoring, academic skills coaching, and workshops in topics like time management, study skills, and test preparation are available through the Continuing Education Student Success Center. Each student also has a FlexGE peer mentor assigned to them to help with the transition to university life. FlexGE peer mentors are former FlexGE students who are now admitted to BYU. They can answer questions, point out resources, and talk about the overall FlexGE experience.

FlexGE academic advisors can help students navigate the FlexGE program, plan classes, and choose a major and career path that suits the student. Advisors can also guide student efforts to transfer to BYU or another university. FlexGE students should meet with an academic advisor at least once per academic year.

## University Credit and Transfer

Participation in FlexGE does not guarantee admission to a degree program at BYU. FlexGE students are encouraged to apply to BYU or another university to complete their studies. Students who are admitted to BYU can count credits earned as a FlexGE student toward their degree. Credits transferred to other universities will be evaluated according to their respective transfer credit policies.

Students from outside the state of Utah may be able to gain Utah resident status while participating in the FlexGE program. This may allow students to qualify for resident tuition rates at public universities in Utah. Students should check with their desired university for specific residency requirements.

# Independent Study Department

## Department of Online Learning

**Department Information:**

303 HCEB

801-422-9038 (Univ), 801-422-3985 (HS)

indstudy@byu.edu

WEBSITE

**Academic Product Managers:** Dustin Jones (Univ) and John Bushman (HS)

BYU Independent Study is an affordable distance education providing ideal solutions for a variety of situations. With flexible course options, students can get the university credits they need, no matter where they are in the world. There are no admissions applications or requirements to take an Independent Study course and students can begin their course any day or time. Students have 12 months to complete their course and the college credit earned is transferable to most U.S. colleges and universities. Scholarships are available to students taking Independent Study Courses.

Through Independent Study, BYU offers more than 200 undergraduate online courses, providing a practical and flexible solution for students to acquire university credit. Independent Study courses can be used to complete general education courses, prerequisite courses for graduate school, and higher-level courses to fulfill undergraduate majors. Flexible Independent Study courses assist domestic and international students, working students, armed forces personnel, teachers, and others who may need courses that accommodate their individual schedules. The courses are available online and require Internet access. Students have the option to purchase a printed course readings packet.

BYU Independent Study also supports the following programs that help students anywhere in the world achieve their academic goals:

Students can register for an Independent Study course at any time during the year and have up to one year to complete most courses, although most courses are based on a semester's worth of credit. The online catalog is accessible at the BYU Independent Study website or a printed version of the catalog is also available without charge from the Department of Independent Study and will be mailed free of charge. Printed catalogs can be found in the Harman Continuing Education Building on the first-floor entrance and second-floor atrium. A complete list of available courses, the current tuition and fees, and enrollment policies and procedures are found in the online and printed versions of the catalog.

- Former students wanting to complete their BYU degree can take Independent Study courses to fulfill the course/credit requirements of the Bachelors of General Studies (BGS) program.
- Students currently not admitted to BYU can take BYU courses online as part of the FlexGE @BYU program to complete general education requirements at their own pace while immersing themselves in the other events and social life BYU offers. Up to 36 semester hours of work completed through BYU Independent Study can be applied toward a BYU bachelor's degree.
- The new BYU Online High School is a full-time, diploma-granting private high school serving students worldwide. Students in grades 9-12 enjoy the fun and flexibility that learning online offers while meeting their unique educational needs. BYU Independent Study offers more than 200 high school-level courses and 40 middle school courses.
- In addition, BYU Independent Study offers a few community education courses available for personal development and enrichment.

# Kennedy Center for IAS Department

## David M. Kennedy Center for International Studies

Located in the heart of Brigham Young University's campus, the Kennedy Center is a dynamic, global center offering a broad spectrum of study and service opportunities. Our richly diverse but intimately interconnected world challenges us to develop a breadth of knowledge and a depth of understanding to comprehend our complex international neighborhood. The Kennedy Center is committed to the university's injunction to "enter to learn—go forth to serve" and its aspiration to make "the world our campus."

Mission Statement:

The David M. Kennedy Center for International Studies is the heart of international engagement for the BYU community. By supporting and implementing interdisciplinary international experiences on campus and abroad, the Kennedy Center raises global awareness and competency, and equips the community with international perspectives and tools to promote intellectual, physical, and spiritual well-being throughout the world.

## Administration

**Director**: V. Stanley Benfell

**Contact Information:**

237 HRCB

801-422-3377

kennedy@byu.edu

WEBSITE

**Advisement Center:**

273 HRCB

801-422-3548

kennedy_advisement@byu.edu

WEBSITE

## Programs

- Africana Studies
- American Studies
- Ancient Near Eastern Studies
- Asian Studies
- European Studies
- Global Environmental Studies

- Global Women's Studies
- International Development
- International Relations
- Latin American Studies
- Middle Eastern Studies - Arabic
- Scandinavian Studies

## Admission to Degree Programs

All undergraduate international and area studies degree programs are open enrollment.

## International & Area Studies Program Coordinators

- Africana Studies, Leslie Hadfield
- American Studies, Jamin Rowan
- Ancient Near Eastern Studies, Matthew Grey
- Asian Studies, Marc Yamada
- European Studies, Rob McFarland
- International Development, Darren Hawkins
- International Relations, Scott Cooper
- Latin American Studies, Jeff Shumway
- Middle East Studies/Arabic, Joshua Gubler
- Global Environmental Studies, George Handley
- Global Women's Studies, Valerie Hegstrom
- Scandinavian Studies, Nate Kramer

## International Study Programs

**Study Abroad:** BYU's traditional off-campus study programs. In these programs students are able to further their general education; pursue specialized courses in languages, the social sciences, humanities, fine arts, and other fields; gain valuable insights into their own country; and further international understanding.

**Direct Enrollment**: Students are integrated into an international university, taught by faculty native to that country, and are not accompanied by BYU faculty.

**International Internships:** Short-term, on-the-job apprentice training abroad under the direction of a firm, government agency, NGO, or other such institution.

**Field Studies:** A research experience abroad for small numbers of students directed by faculty, who generally do not accompany the students.

## Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The university core, consisting of requirements in general and religious education. (See University Core for details. For a complete listing of courses that meet university core requirements, see the current class schedule.)
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0

- Be in good standing with the Honor Code Office

## Programs

**552501 - Scandinavian Studies (Minor)**
**570102 - Asian Studies (Minor)**
**570104 - European Studies (Minor)**
**570106 - Latin American Studies (Minor)**
**570110 - International Development (Minor)**
**570120 - American Studies (BA)**
**570123 - European Studies (BA)**
**570125 - Latin American Studies (BA)**
**570128 - Ancient Near Eastern Studies (Minor)**
**570136 - Africana Studies (Minor)**
**570141 - Middle East Studies / Arabic (BA)**
**570142 - International Relations (BA)**
**570144 - Middle East Studies (Minor)**
**570145 - Asian Studies: China Studies (BA)**
**570146 - Asian Studies: Japan Studies (BA)**
**570147 - Asian Studies: Korea Studies (BA)**
**570150 - Global Environmental Studies (Minor)**
**731001 - Global Women's Studies (Minor)**

## Courses

**AM ST 300 - Literature and Cultures of the American West**
**AM ST 301 - Western American Studies Seminar**
**AM ST 303 - American Studies History and Theory**
**AM ST 304 - American Studies Methodologies and Writing Practices**
**AM ST 360 - Film in American Culture**
**AM ST 390R - Topics in American Studies**
**AM ST 392R - American Studies Lecture Series: Presentations on American Studies/Western American Studies**
**AM ST 399R - Academic Internship**
**AM ST 490 - Senior Capstone**
**GES 200 - Introduction to Global Environmental Studies**
**GES 490 - Global Environmental Studies Capstone**
**SCAND 217 - (Scand-Germ) German and Scandinavian Cinema.**
**SCAND 325R - Scandinavian Choir**
**SCAND 332 - Cultural History of the Vikings**
**SCAND 337 - Works of Hans Christian Andersen**
**SCAND 344R - Topics in Scandinavian Studies**
**SCAND 377 - Methods in Teaching Nordic Languages**
**SCAND 491R - Directed Readings in Scandinavian**

# Office of Visiting Students Department

## Office of Visiting Students

**Department Information:**

102 HCEB

801-422-2872

The Office of Visiting Students assists individuals who wish to take part in the BYU experience as non-degree seeking students. The office is a resource center for all students not admitted to BYU who are looking for opportunities to attend BYU courses without going through the full admissions process. Additionally, the office directly offers three programs for non-degree seeking students and academic advisement for students in these programs. Whether students are looking to take one course or visit for a few semesters, the office is available to help.

## Undergraduate Visiting Student:

Students who have earned a high school diploma (or equivalent) may sign up as Undergraduate Visiting Students. During fall and winter semesters these students may register for course sections offered by BYU Evening Classes and the Salt Lake Center. Students signed up during the spring and summer terms may also register for courses offered during the day in Provo. Non-degree-seeking students who would like to complete several GE courses or who would like to attend mutliple semesters should refer to the BYU FlexGE program for more information.

## Post-Baccalaureate Visiting Student:

Students who have earned a bachelor's-level degree may sign up as Post-Baccalaureate Visiting Students. During fall and winter semesters these students may register for course sections offered by BYU Evening Classes and the Salt Lake Center. Students signed up during the spring and summer terms may also register for courses offered during the day in Provo. Additionally, students who apply by the posted priority deadline in fall and winter semesters may seek permission to add day-section registration eligibility (approval is not guaranteed and is based on several factors).

## Audit-Only Students:

Students who have earned a high school diploma (or equivalent) may sign up as Audit-Only Students. The course(s) Audit-Only Students sign up for must be taken by audit, and students must receive permission to audit from the instructor and/or department. Audit-Only Students may register for Day, Evening, and Salt Lake Center sections year-round. Audit-Only students may sign up with the Office of Visiting Students once the application for a semester/term opens; registering for courses opens on the first day of the semester/term. *Students who would like to audit select courses while concurrently enrolled in classes for credit should refer to the "Auditing Courses" registration policies.*

All students signed up through the Office of Visiting Students agree to abide by the Church Educational System Honor Code and the BYU Dress and Grooming Standards. Class schedules for each semester or term are listed in the BYU class schedule, the Evening Classes and Salt Lake Center websites, and in the university's online registration system.

# Salt Lake Center Department

## Salt Lake Center

**Department Information:**

345 West North Temple Street, 3 Triad Center, Suite 300, Salt Lake City, UT 84180-1203

801-933-9400

WEBSITE

The BYU Salt Lake Center is operated by the Division of Continuing Education and offers 150+ undergraduate courses each semester to admitted and non-admitted students. Courses are offered during the day and evening to accommodate more than 2,000 students each semester. Conveniently located near Temple Square and other popular destinations, the Salt Lake Center can be reached by public transportation and offers free student parking. Class schedules are listed at slc.byu.edu and in the BYU class schedule. Admitted students can register for classes in MyMAP without any further clearance.

Students not admitted to BYU may take classes at the Salt Lake Center through the BYU FlexGE program if they earn a high school diploma (or equivalent), have a 2.0 GPA, obtain an ecclesiastical endorsement, and are citizens of the U.S.A. Most FlexGE students apply to BYU or another university as transfer applicants after one or two semesters in the program.

Students admitted to BYU's Bachelor of General Studies program may complete university core (religion and general education) and required emphasis courses at the Salt Lake Center without further clearance. For admission and program details see the Bachelor of General Studies section in this catalog.

The BYU Marriott School of Management EMBA (Executive Master of Business Administration) and EMPA (Executive Master of Public Administration) programs are also offered at the Salt Lake Center. Evening and weekend scheduling enables these graduate students to earn a master's degree while also working full-time. For admission and program details, see the Graduate Studies Catalog.

# All Programs

## 282021 - Bioinformatics (BS)

### Program Information

**Program Title**
Bioinformatics

**Degree**
BS

**Variable Credit Min**
60

**Variable Credit Max**
62

**Major Academic Plan**
MAP - BS in Bioinformatics 2023-2024 .pdf

**Learning Outcome**
Students will interpret relationships among living things and analyze and solve

## 282022 - Biology (BS)

### Program Information

**Program Title**
Biology

**Degree**
BS

**Variable Credit Min**
60

**Variable Credit Max**
60

**Major Academic Plan**
MAP - BS in Biology 2023-2024.pdf

**Learning Outcome**
Students will use basic biological concepts grounded in the foundational theories to

| | |
|---|---|
| Title<br>Broad Understanding of Biology | things and analyze and solve biological problems from the molecular to ecosystem level using basic biological concepts grounded in foundational theories." |

| | |
|---|---|
| Title<br>Computer Programming | Learning Outcome<br>Students will design computer programs to facilitate biological data analysis. (BYU AIMS 1 2 3) |

| | |
|---|---|
| Title<br>Research and Inquiry | Learning Outcome<br>Students will be able to conduct basic bioinformatics research. (BYU AIMS 2 3 4) |

Free Form Requirements

**Requirement 1 — Complete 7 Courses**

BIO130 Biology - Biology 4.0

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 3.0

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

BIO364 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

BIO465 Capstone in Bioinformatics - Capstone in Bioinformatics 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS340 Genetics - Genetics 3.0

**Requirement 2 — Complete 1 of 2 Courses**

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

**Requirement 3 — Complete 8 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction -Adv Software Construction 4.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

MATH112 Calculus 1 - Calculus 1 4.0

**Requirement 4 — Complete 8 hours**

*Note: Up to 2 total credit hours of BIO 194 and BIO 494R allowed. Note: Either BIO 370 or PHIL 212R can be used to partially fulfill this requirement, but not both.*

BIO194 Intro to Mentored Research - Intro to Mentored Research 0.5

10668-003 - Missing course - Biological Data Science 3.0

| | |
|---|---|
| Title<br>Broad Understanding of Biology | foundational theories to interpret relationships among living things and to analyze and solve biological problems from the molecular to ecosystem level. |

| | |
|---|---|
| Title<br>Skills and Tools for Discovery | Learning Outcome<br>Students will be able to conduct basic biology research. |

| | |
|---|---|
| Title<br>Meet standards of professionalism | Learning Outcome<br>Students will demonstrate professionalism (e.g. scientific integrity intellectual honesty) and competency (effective verbal and written communication accurate knowledge base) required by employers or graduate school. |

Free Form Requirements

**Requirement 1 — Complete 5 Courses**

BIO130 Biology - Biology4.0

BIO350 Ecology - Ecology 3.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS340 Genetics - Genetics 3.0

**Requirement 2 — Complete 1 of 2 Courses**

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

**Requirement 3 — Complete 2 Requirements**

**Requirement 3.1 — Complete 7 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2- General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

**Requirement 3.2 — Complete 1 of 2 Courses**

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

MATH112 Calculus 1 - Calculus 1 4.0

**Requirement 4 — Complete 19 hours**

*Note: BIO 220 and BIO 230, if taken for requirement 2, do not double count here. Note: Students may count either BIO 370 (Bioethics) or PHIL 212R (Intro to Medical Ethics) toward their overall electives but not*

BIO316 Scientific Communication - Scientific Communication 3.0

BIO350 Ecology - Ecology 3.0

BIO370 Bioethics - Bioethics 2.0

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

BIO362 Computational Cancer Biology - Computational Cancer Biology 3.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

BIO368 Genomics - Genomics 3.0

BIO494R Mentored Research- Mentored Research - *You may take up to 2.0 credit hours* 0.5v

BIO530 Advanced Genetic Analysis - Advanced Genetic Analysis 3.0

BIO555 Evolutionary & Ecol Modeling - Evolutionary & Ecol Modeling 2.0

BIO560 Population Genetics - Population Genetics 4.0

CELL360 Cell Biology - Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL382 Developmental Biology - Developmental Biology 3.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM489 Structural Biochemistry- Structural Biochemistry 3.0

C S260 Web Programming - Web Programming 3.0

C S340 Software Design - Software Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation- Ordinary Differential Equation 3.0

*212R (Intro to Medical Ethics) toward their overall electives but not both. The biology major will only accept a maximum of 2 credit hours between BIO 399R and/or BIO 494R towards its requirements.*

BIO120 Field Biology - Field Biology 3.0

BIO194 Intro to Mentored Research - Intro to Mentored Research 0.5

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO316 Scientific Communication - Scientific Communication 3.0

BIO370 Bioethics - Bioethics 2.0

BIO 380 - Comparative Physiol & Anatomy 4.0

BIO399R Academic Internship - Academic Internship - *You may take up to 2.0 credit hours* 0.5v

BIO430 Plant Classif. & Identif. - Plant Classif. & Identif. 4.0

BIO441 Entomology - Entomology 3.0

BIO443 Ichthyology - Ichthyology 3.0

BIO445 Herpetology - Herpetology 4.0

BIO447 Mammalogy - Mammalogy 3.0

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

BIO452 Marine Biology - Marine Biology 3.0

BIO455 Plant Ecology - Plant Ecology 3.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

BIO465 Capstone in Bioinformatics - Capstone in Bioinformatics 3.0

BIO368 Genomics - Genomics 3.0

BIO470 History&Philosophy of Biology - History&Philosophy of Biology 3.0

BIO375 Plant Development and Morph. - Plant Developmental Biology 3.0

BIO494R Mentored Research - Mentored Research - *You may take up to 2.0 credit hours* 0.5v

BIO510 Biological Systemat Curation - Biological Systemat Curation 3.0

BIO511 Lichenology - Lichenology 3.0

BIO512 Angiosperm Phylogeny - Angiosperm Phylogeny 3.0

BIO520 Symbiosis - Symbiosis 3.0

BIO525 Anim Disease, Zoonoses - Anim Disease, Zoonoses 3.0

BIO530 Advanced Genetic Analysis - Advanced Genetic Analysis 3.0

BIO541 Aquatic Entomology - Aquatic Entomology 4.0

BIO556 Limnology - Limnology 3.0

BIO557 Stream & Wetland Ecology - Stream & Wetland Ecology 4.0

BIO560 Population Genetics - Population Genetics 4.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CELL305 Human Physiology - Human Physiology 4.0

CELL360 Cell Biology - Cell Biology 3.0

MMBIO350 Genetic Counseling - Genetic Counseling 3.0

MMBIO360 Bacterial Genetics - Microbial Genetics 4.0

PHIL212R Intro to Medical Ethics - Intro to Medical Ethics - *You may take once* 3.0

STAT381 Statistical Computing - Statistical Computing 3.0

STAT435 Nonparametric Stat Methods- Nonparametric Stat Methods 3.0

STAT531 Experimental Design - Experimental Design 3.0

CELL360 Cell Biology - Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

MMBIO350 Genetic Counseling - Genetic Counseling 3.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

MMBIO465 Virology - Virology 3.0

MMBIO368 Genomics - Genomics 3.0

PHIL212R Intro to Medical Ethics - Intro to Medical Ethics - *You may take once* 3.0

PHIL212R Intro to Applied Ethics - Intro to Applied Ethics - *You may take once* 3.0

PWS440 Plant Physiol Ecol - Plant Physiol Ecol 3.0

PWS446 Ornithology- Ornithology 3.0

PWS368 Genomics - Genomics 3.0

*See catalog for recommended courses for career options in Botany, Preveterinary Medicine, and/or Premedical and Predental.*

## 282023 - Wildlife & Wildlands Conservation (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Wildlife & Wildlands Conservation | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 67 | 67 |

**Major Academic Plan**

MAP BS Wildlife & Wildlands Conservation 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Stewardship and Professional Judgement | Identify and articulate principles of stewardship as a basis for professional judgment. |

| Title | Learning Outcome |
|---|---|
| Plant and Wildlife Identification | Identify wildland plants and wildlife species and describe how they function in the environment. |

| | Learning Outcome |
|---|---|

## 282024 - Biological Science Education (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Biological Science Education | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 77 | 78 |

**Major Academic Plan**

MAPS - BS in Biological Science Education 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Broad Understanding of Biology | Students will use basic biological concepts grounded in the foundational theories to interpret relationships among living things and to analyze and solve biological problems from the molecular to ecosystem level. (BYU AIMS 1 2 3) |

| | Learning Outcome |
|---|---|
| | Students will apply theory to practice through learning experimentation critical analysis practice and reflection as |

| Title | Learning Outcome |
| --- | --- |
| Wildlands Management | Apply knowledge of plant and wildlife ecology to management of wildlands. |

| Title | Learning Outcome |
| --- | --- |
| ToolsTools, Techniques, and Application | Demonstrate ability to solve ecological and management problems by applying appropriate tools techniques analytical thought and the scientific method. |

| Title | Learning Outcome |
| --- | --- |
| Conflict Resolution and Multi-disciplinary Teams | Be leaders in conflict resolution and important contributing members of multi-disciplinary teams. |

**Free Form Requirements**

**Requirement 1 — Complete 20 Courses**

PWS100 Plants in the Environment - Plants in the Environment 3.0

PWS 113 - Safety Certification - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0

PWS115 Wildlife & Wildland Conservatn - Wildlife & Wildland Conservatn 1.0

PWS135 Safety Certifications - Safety Certifications 1.0

PWS215 Principles of Range Management - Principles of Range Management 3.0

PWS225 Prin of Wildlife & Fishery Mgt - Prin of Wildlife & Fishery Mgt 3.0

PWS275 Genetics & Reproduction - Genetics & Reproduction 3.0

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS330 Rangeland Plant ID & Ecology - Rangeland Plant ID & Ecology 3.0

PWS335 Comparative Animal Nutrition - Comparative Animal Nutrition 3.0

PWS344 Natural History of Wildlife - Natural History of Wildlife 3.0

PWS350 Rangeland Ecology - Rangeland Ecology 3.0

PWS355 Rangeland Veg Measurements - Rangeland Veg Measurements 3.0

PWS357 Tech Wldlf Invstgn & Mgmnt - Tech Wldlf Invstgn & Mgmnt 3.0

PWS416 Rangeland Improvement - Rangeland Improvement 3.0

PWS417 Rangeland Planning & GIS - Rangeland Planning & GIS 3.0

PWS446 Ornithology - Ornithology 3.0

PWS447 Mammals of North America - Mammals of North America 3.0

| Title | Learning Outcome |
| --- | --- |
| INTASC Standards | outlined in the Interstate New Teacher Assessment and Support Consortium (INTASC) in a classroom setting. (BYU AIMS 1-4) Link to INTASC standards: http://education.byu.edu/epp/INTA |

| Title | Learning Outcome |
| --- | --- |
| Instructional Design | Students will design and produce a written instructional unit that incorporates all ten principles of the Interstate New Teacher Assessment and Support Consortium (INTASC). (BYU AIMS 1-4) |

| Title | Learning Outcome |
| --- | --- |
| Preparation for Licensure | Students will meet the entry level standards for teacher licensure. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*Students wishing to enter the Biological Science Education (BSE) program must declare the premajor, complete Bio 130, Bio 220, Chem 105, and Bio 276, and meet and maintain minimum GPA requirements of 2.85 in the major and 3.0 cumulative, prior to making application via educator.byu.edu. Students obtaining a teaching minor must also student teach at least one period in the minor, when available.*

**Requirement 1 — Complete 7 Courses**

*Biology core. NOTE: Bio 420, 421 must be taken at BYU.*

BIO130 Biology - Biology 4.0

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO350 Ecology - Ecology 3.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

PWS492 Wildlife Senior Seminar - Wildlife Senior Seminar 1.0

**Requirement 2 —Complete 15 hours**

*Complete 15 elective credit hours from the following course list. With the help of your advisor, select courses to qualify for 2-3 federal job series (wildlife biologist, ecologist, range conservationist, GIS specialist, soil conservationist, botanist, fisheries biologist):*

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO235 Field Botany - Field Botany 3.0

BIO 270 - Animal Restraint 1.0

BIO 380 - Comparative Physiol & Anatomy 4.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

BIO430 Plant Classif. & Identif. - Plant Classif. & Identif. 4.0

BIO441 Entomology - Entomology 3.0

BIO443 Ichthyology - Ichthyology 3.0

BIO445 Herpetology - Herpetology 4.0

BIO447 Mammalogy - Mammalogy 3.0

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

BIO452 Marine Biology - Marine Biology 3.0

BIO525 Anim Disease, Zoonoses - Anim Disease, Zoonoses 3.0

BIO541 Aquatic Entomology - Aquatic Entomology 4.0

BIO556 Limnology - Limnology 3.0

BIO557 Stream & Wetland Ecology - Stream & Wetland Ecology 4.0

CELL382 Developmental Biology - Developmental Biology 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

GEOG412 Advanced GIS - Advanced GIS 3.0

PWS101 Cult Hist of Medicinal Plants - Cult Hist of Medicinal Plants 3.0

PWS270 Animal Husbandry - Animal Husbandry 3.0

PWS301 Plant Propagation - Plant Propagation 3.0

PWS303 Soils Conservation & Resources - Soils Conservation & Resources 3.0

PWS315 Conflict Resolution Mgt - Conflict Resolution Mgt 1.0

PWS324 Wildlife Law Enforcement - Wildlife Law Enforcement 3.0

PWS325 Fisheries & Wetlands Mgt - Fisheries & Wetlands Mgt 3.0

PWS411 Watershed Management - Watershed Management 3.0

PWS419 Forest Management & Ecology - Forest Management & Ecology 3.0

PWS440 Plant Physiol Ecol - Plant Physiol Ecol 3.0

PWS511 Environmental Biophysics - Environmental Biophysics 4.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS340 Genetics - Genetics 3.0

**Requirement 2 — Complete 4 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

GEOL101 Introduction to Geology - Introduction to Geology 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 3 — Complete 1 of 4 Courses**

BIO310 Comparative Animal Physiology - Comparative Physiol & Anatomy 4.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CELL360 Cell Biology - Cell Biology 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

**Requirement 4 — Complete 1 of 7 Courses**

BIO120 Field Biology - Field Biology 3.0

BIO235 Field Botany - Field Botany 3.0

BIO441 Entomology - Entomology 3.0

BIO443 Ichthyology - Ichthyology 3.0

BIO445 Herpetology - Herpetology 4.0

BIO447 Mammalogy - Mammalogy 3.0

PWS446 Ornithology - Ornithology 3.0

**Requirement 5 — Complete 1 Course**

BIO470 History&Philosophy of Biology - History&Philosophy of Biology 3.0

**Requirement 6 — Complete 2 Requirements**

*Professional Education Component:*

**Requirement 6.1 — Complete 10 Courses**

BIO276 Exploration of Tch in Biol Sci - Exploration of Tch in Biol Sci 3.0

BIO377 Tchg Mthds & Instrctn in Biol - Tchg Mthds & Instrctn in Biol 3.0

BIO378 Practicum in Biology Teaching - Practicum in Biology Teaching 1.0

BIO379 Classroom Mgt & Lab Safety - Classroom Mgt & Lab Safety 1.0

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 Ed Tec 2 - Integrating K-12 Ed Tec 2 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

Note 1: Application on educator.byu.edu, including FBI fingerprint and

PWS511 Environmental Biophysics - Environmental Biophysics 4.0

PWS512 Range Landscape Ecology & GIS - Range Landscape Ecology & GIS 3.0

PWS547 Ungulate Conservation & Mgt - Ungulate Conservation & Mgt 2.0

PWS553 Restoration Ecology - Restoration Ecology 3.0

PWS554 Wildlife Behavioral Ecology - Wildlife Behavioral Ecology 3.0

**Requirement 3 —Complete 1 of 2 Courses**

PWS375 Aquatic Policies & Laws - Aquatic Policies & Laws 3.0

PWS385 Terrestrial Policies and Laws - Terrestrial Policies and Laws 3.0

**Recommended Courses are not required to complete the program**

*Recommended courses for preprofessional track. These recommended preprofessional courses can be used to satisfy the elective credits above.*

CELL120 Science of Biology - Science of Biology 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

**Recommended Courses are not required to complete the program**

*One of the following courses is recommended:*

BIO 380 - Comparative Physiol & Anatomy 4.0

CELL305 Human Physiology - Human Physiology 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

**Recommended Courses are not required to complete the program**

*Students interested in GIS applications should consider a minor in geographic information systems (20-23 hours). See the Geography Department for details.*

Note 1: Application on educator.byu.edu, including FBI fingerprint and background clearance, must be completed prior to enrollment in Bio 276.

Note 2: Bio 377, 378, and 379 should be taken concurrently in the semester prior to taking Bio 476.

Note 3: Most states require the Biology Praxis Exam for employment in High School and the Middle Level Science Praxis Exam for teaching in grades 6-8.

**Requirement 6.2 — Complete 12 hours**

BIO476 Biology Student Teaching - Biology Student Teaching - *You may take up to 12.0 credit hours* 12.0

BIO496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take up to 12.0 credit hours* 12.0

**Recommended Courses are not required to complete the program**

*Although not required, these courses are recommended.*

BIO235 Field Botany - Field Botany 3.0

BIO430 Plant Classif. & Identif. - Plant Classif. & Identif. 4.0

BIO441 Entomology - Entomology 3.0

BIO443 Ichthyology - Ichthyology 3.0

BIO445 Herpetology - Herpetology 4.0

BIO447 Mammalogy - Mammalogy 3.0

BIO452 Marine Biology - Marine Biology 3.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

GEOL103 Life of the Past - Life of the Past 3.0

GEOL112 Historical Geology - Historical Geology 4.0

MATH112 Calculus 1 - Calculus 1 4.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS446 Ornithology - Ornithology 3.0

## 282025 - Biodiversity & Conservation (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Biodiversity & Conservation | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 60 | 60 |
| **Major Academic Plan** | |

## 284304 - Nutritional Science (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Nutritional Science | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 16 |
| **Free Form Requirements** | |

MAP - BS in Biodiversity & Conservation 2023-2024.pdf

| | |
|---|---|
| **Title**<br>Broad Understanding of Biology | **Learning Outcome**<br>Students will use basic biological concepts grounded in the foundational theories to interpret relationships among living things and to analyze and solve biological problems from the molecular to ecosystem level. |

| | |
|---|---|
| **Title**<br>Tools and Skill Development | **Learning Outcome**<br>Students will be able to conduct basic conservation biology research. |

| | |
|---|---|
| **Title**<br>Professional and Career Development | **Learning Outcome**<br>Students will demonstrate professionalism (e.g. scientific integrity intellectual honesty) and competency (effective verbal and written communication accurate knowledge base) required by employers or graduate school. |

**Free Form Requirements**

**Requirement 1 — Complete 11 Courses**

BIO130 Biology- Biology 4.0

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

BIO350 Ecology - Ecology 3.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PWS340 Genetics - Genetics 3.0

**Requirement 2 — Complete 2 hours**

*Complete at least 2.0 credit hours. More may be taken if desired but will not count toward the major credits.*

BIO194 Intro to Mentored Research- Intro to Mentored Research 0.5

BIO494R Mentored Research- Mentored Research - *You may take up to 2.0 credit hours* 0.5v

**Requirement 3 — Complete 11 hours**

*Biodiversity and conservation courses:*

BIO235 Field Botany- Field Botany 3.0

**Requirement 1 — Complete 2 Courses**

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

**Requirement 2 — Complete 10 hours**

*After consulting with a faculty advisor,*

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS305 Nutr Implications of Disease - Nutr Implications of Disease 4.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

NDFS333 Nutrition and Genes - Nutrition and Genes 3.0

NDFS380 International Nutrition - International Nutrition 3.0

NDFS399R Academic Internship - Academic Internship - *You may take up to 1.0 credit hours* 0.5v

NDFS400 Community Nutrition - Community Nutrition 3.0

NDFS410 Human Obesity - Human Obesity 3.0

NDFS424 Nutrition Through Life Cycle - Nutrition Through Life Cycle 2.0

NDFS434 Nutr Bio-organic Chemistry - Nutr Bio-organic Chemistry 4.0

NDFS435 Nutr Biochem & Metabolism - Nutr Biochem & Metabolism 4.0

NDFS494R Undergrad Research in N D F S - Undergrad Research in N D F S - *You may take up to 1.0 credit hours* 0.5v

BIO430 Plant Classif. & Identif. - Plant Classif. & Identif. 4.0

BIO441 Entomology - Entomology 3.0

BIO443 Ichthyology - Ichthyology 3.0

BIO445 Herpetology - Herpetology 4.0

BIO447 Mammalogy - Mammalogy 3.0

BIO452 Marine Biology - Marine Biology 3.0

BIO455 Plant Ecology - Plant Ecology 3.0

BIO520 Symbiosis - Symbiosis 3.0

PWS446 Ornithology - Ornithology 3.0

**Requirement 4 — Complete 8 hours**

*Elective courses - complete AT LEAST 8.0 hours. (Note: Either BIO 370 or PHIL 212R can be used to partially fulfill this requirement, but not both.)*

BIO120 Field Biology - Field Biology 3.0

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 3.0

BIO316 Scientific Communication - Scientific Communication 3.0

BIO370 Bioethics - Bioethics 2.0

BIO 380 - Comparative Physiol & Anatomy 4.0

BIO368 Genomics - Genomics 3.0

BIO470 History&Philosophy of Biology - History&Philosophy of Biology 3.0

BIO510 Biological Systemat Curation - Biological Systemat Curation 3.0

BIO511 Lichenology - Lichenology 3.0

BIO555 Evolutionary & Ecol Modeling - Evolutionary & Ecol Modeling 2.0

BIO557 Stream & Wetland Ecology - Stream & Wetland Ecology 4.0

BIO560 Population Genetics - Population Genetics 4.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG303 Biogeography - Biogeography 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MMBIO368 Genomics - Genomics 3.0

PHIL212R Intro to Medical Ethics - Intro to Medical Ethics - *You may take once* 3.0

PWS282 Soil Science - Soil Science 3.0

PWS411 Watershed Management - Watershed Management 3.0

PWS419 Forest Management & Ecology- Forest Management & Ecology 3.0

PWS440 Plant Physiol Ecol - Plant Physiol Ecol 3.0

## 284320 - Food Science (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Food Science | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 66 | 69 |

**Major Academic Plan**

MAPS - BS in Food Science 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Food Processing and Engineering | Describe and apply principles of engineering as they relate to converting agricultural commodities to the finished products seen on the grocery store shelf. |
| Food Safety and Microbiology | Assess and differentiate the role of microorganisms in food processing food preservation and food safety with respect to pathogenic spoilage and fermentative microorganisms and apply the basic elements of sanitation and quality assurance programs to understand and control microbial effects in food. |
| Food Chemistry and Analysis | Evaluate and explain the chemical changes occurring during food processing and storage including reactions involving carbohydrates protein and fats and demonstrate proficiency in using laboratory techniques common to basic and applied food chemistry. |
| Applied Food Science | Apply the principles and various facets of food science including quality assurance and sensory evaluation in practical situations problem solving and product development. |
| | Demonstrate the skills that lead to success in a food science career including oral and written communication problem solving |

## 284325 - Nutritional Science (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Nutritional Science | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 60 | 62 |

**Major Academic Plan**

MAPS - BS in Nutritional Science 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Nutritional Science Fundamentals | Identify the chemical structure of nutrients their food sources functions and the scientific basis for nutrition requirements and dietary recommendations. Describe the processes of digestion absorption transport and metabolism and the metabolic consequences of nutrient deficiencies interactions imbalances and toxicities. |
| Diet in Health and Disease | Explain the role of dietary choices and interventions for optimizing health and preventing or ameliorating chronic disease and malnutrition. |
| Nutritional Assessment | Assess nutritional status of individuals or populations. |
| Research | Search interpret and summarize peer-reviewed scientific literature. Evaluate nutritional claims for accuracy. Design research for nutritional science that includes ethical considerations of using human and animal subjects. |

**Free Form Requirements**

**Requirement 1 — Complete 4 Courses**

*Core requirements:*

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

| Title | |
|---|---|
| Success Skills | communication problem solving use of library resources evaluating information time management leadership ethical decision making and life-long learning. |

Free Form Requirements

**Requirement 1 —Complete 14 Courses**

*Core requirements:*

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS191 Careers in Food Science - Careers in Food Science 1.0

NDFS250 Essentials of Food Science - Essentials of Food Science 3.0

NDFS251 Essentials of Food Sci Lab - Essentials of Food Sci Lab 1.0

NDFS350 Food Analysis - Food Analysis 4.0

NDFS355 Food Process Engineering - Food Process Engineering 3.0

NDFS361 Food Microbiology - Food Microbiology 3.0

NDFS362 Food Processing - Food Processing 1 2.0

NDFS462 Food Reg & Qual Assr - Food Reg & Qual Assr 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 2 —Complete 1 of 2 Options**

*Complete one of the following tracks:*

**Option 2.1 —Complete 2 Requirements**

*A. Food Science Technical Track:*

**Requirement 2.1.1 —Complete 25 hours**

CELL120 Science of Biology - Science of Biology 3.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

NDFS450 Food Chemistry - Food Chemistry 3.0

NDFS464 Food Sensory Evaluation - Food Sensory Evaluation 2.0

NDFS465 Food Product Development - Food Product Development 3.0

**Requirement 2.1.2 —Complete 1 of 2 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

NDFS194 Nutrition Research Fundamentls - Nutrition Research Fundamentls 1.0

NDFS435 Nutr Biochem & Metabolism - Nutr Biochem & Metabolism 4.0

**Requirement 2 —Complete 6 hours**

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS300 Med Nutr Therapy 1 - Med Nutr Therapy 1 4.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

NDFS333 Nutrition and Genes - Nutrition and Genes 3.0

NDFS380 International Nutrition - International Nutrition 3.0

NDFS400 Community Nutrition - Community Nutrition 3.0

NDFS410 Human Obesity - Human Obesity 3.0

NDFS424 Nutrition Through Life Cycle - Nutrition Through Life Cycle 2.0

NDFS440 Nutrition Educ & Counseling - Nutrition Educ & Counseling 3.0

**Requirement 3 —Complete 6 hours**

*Note: No more than 3 credits combined from NDFS 399R or 494R can be applied to this requirement.*

CELL360 Cell Biology - Cell Biology 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS250 Essentials of Food Science - Essentials of Food Science 3.0

NDFS251 Essentials of Food Sci Lab - Essentials of Food Sci Lab 1.0

NDFS300 Med Nutr Therapy 1 - Med Nutr Therapy 1 4.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

NDFS333 Nutrition and Genes - Nutrition and Genes 3.0

NDFS380 International Nutrition - International Nutrition 3.0

NDFS399R Academic Internship - Academic Internship - *You may take once* 0.5v

NDFS400 Community Nutrition - Community Nutrition 3.0

NDFS410 Human Obesity - Human Obesity 3.0

NDFS424 Nutrition Through Life Cycle - Nutrition Through Life Cycle 2.0

NDFS440 Nutrition Educ & Counseling - Nutrition Educ & Counseling 3.0

NDFS494R Undergrad Research in N D F S - Undergrad Research in N D F S - *You may take once* 0.5v

PWS340 Genetics - Genetics 3.0

**Requirement 4 —Complete 1 of 2 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

**Option 2.2 —Complete 4 Requirements**

*B. Food Industry Management Track:*

**Requirement 2.2.1 —Complete 7 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

HRM300 Organizational Behavior - Organizational Behavior 3.0

STRAT488 Agribusiness Management 1 - Agribusiness Management 1 3.0

STRAT489 Agribusiness Management 2 - Agribusiness Management 2 3.0

**Requirement 2.2.2 —Complete 1 hour**

*Complete 1.0 hour of NDFS 399R to fulfill this requirement. You may complete more internship hours if desired.*

NDFS399R Academic Internship - Academic Internship - *You may take once* 0.5v

**Requirement 2.2.3 —Complete 1 of 3 Courses**

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

**Requirement 2.2.4 —Complete 1 of 4 Courses**

ENT301 Business Model Validation - Business Model Validation 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

NDFS450 Food Chemistry - Food Chemistry 3.0

NDFS465 Food Product Development - Food Product Development 3.0

**Requirement 3 —Complete 1 Options**

*During the junior year or upon declaring food science as a major, students are strongly encouraged to select one of the following options to enhance career preparation (students in food industry management track MUST take 1 credit hour of NDFS 399R to graduate):*

A. Choose a research topic and faculty mentor. Working in a research laboratory for 10-20 hours per week over the course of eight months, the student has daily contact with graduate students, technicians, and fellow undergraduate colleagues and frequent interactions with a faculty mentor. Student research often leads to participation in a publication and/or a presentation at a professional meeting. NDFS 494R credit is available.

B. Produce a senior thesis in collaboration with a faculty mentor, derived primarily from library study that extensively explores the relevant questions. The thesis is written in the format of a scientific review paper. NDFS 494R credit is available.

C. Work in an approved, faculty-supervised summer internship with a food company (generally the internship does not include study abroad). NDFS 399R credit is available.

*Prerequisite to CELL 305, required below:*

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

**Requirement 5 —Complete 11 Courses**

CELL120 Science of Biology - Science of Biology 3.0

CELL305 Human Physiology - Human Physiology 4.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM481 Biochemistry - Biochemistry 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 6 —Complete 1 hour**

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

**Recommended Courses are not required to complete the program**

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CHEM 223 - Quant & Qual Analy 4.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

*Note: Professional schools and graduate programs may require additional courses not required for the major, such as Phscs 106, 107, 108, or Math 119 or 112. Students should contact the program to which they may apply to determine the specific courses required.*

**Recommended Courses are not required to complete the program**

*A. Food Science Technical Track - recommended courses (consult with a faculty advisor before selecting):*

CHEM 223 - Quant & Qual Analy 4.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

PWS100 Plants in the Environment - Plants in the Environment 3.0

STDEV150 Public Speaking - Public Speaking 3.0

STDEV317 Job Search Strategies - Career Strategies 2.0

TECH 201 - Hist Creativity & Innovation 1 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

TECH 202 - Hist Creativity & Innovation 2 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Recommended Courses are not required to complete the program**

*B. Food Industry Management Track - recommended courses (consult with a faculty advisor before selecting):*

**Recommended Courses are not required to complete the program**

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Recommended Courses are not required to complete the program**

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

03612-000 - Missing course - Introduction to Calculus 4.0

MFGEN479 Innovation & Entrepreneurship - Innovation & Entrepreneurship 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

NDFS450 Food Chemistry - Food Chemistry 3.0

NDFS464 Food Sensory Evaluation - Food Sensory Evaluation 2.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PWS100 Plants in the Environment - Plants in the Environment 3.0

STDEV150 Public Speaking - Public Speaking 3.0

TECH 201 - Hist Creativity & Innovation 1 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible*

*substitutions.* 3.0

TECH 202 - Hist Creativity & Innovation 2 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

## 284328 - Dietetics (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Dietetics | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 77.5 | 81.5 |

**Major Academic Plan**

MAP - BS in Dietetics 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Scientific Evidence | Integrate scientific information and translate research into practice. (2022 ACEND Standards KRDN 1.1-1.3) |

| Title | Learning Outcome |
|---|---|
| Professional Practice | Demonstrate professionalism in beliefs, values, attitudes and behaviors, and communication. (2022 ACEND Standards KRDN 2.1-2.9) |

| Title | Learning Outcome |
|---|---|
| Nutrition Care Process | Explain and apply all areas of the nutrition care process. (2022 ACEND Standards KRDN 3.1-3.6) |

| Title | Learning Outcome |
|---|---|
| Management and Resource Use | Apply principles of management and systems in provision of services to individuals and organizations (2022 ACEND Standards KRDN 4.1-4.7) |

| Title | Learning Outcome |
|---|---|
| Leadership and Career Management | Develop leadership skills for professional growth as a nutrition and dietetics practioner. (2022 ACEND Standards KRDN 5.1-5.6) |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance*

## 285102 - Microbiology (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Microbiology | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 19 |

**Free Form Requirements**

*Note: Prerequisites for the following courses are required. They should be filled for students in a coupled major.*

**Requirement 1 — Complete 3 Courses**

MMBIO151 Microbiology - Intro to Microbiology 4.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

**Requirement 2 — Complete 2 of 7 Courses**

*Upper Level Courses:*

MMBIO360 Bacterial Genetics - Microbial Genetics 4.0

MMBIO363 Microbial Ecology - Microbial Ecology 2.0

MMBIO364 Bacterial Pathogenesis - Bacterial Pathogenesis 3.0

MMBIO418 Medical Parasitology - Medical Parasitology 2.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

MMBIO463 Immunology - Immunology 3.0

MMBIO465 Virology - Virology 3.0

**Requirement 3 — Complete 1 of 5 Courses**

*Upper Level Lab Course: (NOTE: Taking MMBIO 360 for Requirement 2 also fulfills Requirement 3. See advisement center.)*

MMBIO365 Bacterial Pathogenesis Lab - Bacterial Pathogenesis Lab 1.0

MMBIO366 Microbial Ecology Lab - Microbial Ecology Lab 1.0

MMBIO 420 - Molecular Parasitology Lab - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 2.0

MMBIO466 Virology Laboratory - Virology Laboratory 1.0

MMBIO467 Immunology Lab - Immunology Lab 1.0

*regarding licensure and certification requirements.*

**Requirement 1 —Complete 10 Courses**

*COMPLETE THE FOLLOWING PREREQUISITE COURSES (TO BE COMPLETED BEFORE PROFESSIONAL SEQUENCE).*

CELL305 Human Physiology - Human Physiology 4.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

NDFS250 Essentials of Food Science - Essentials of Food Science 3.0

NDFS251 Essentials of Food Sci Lab - Essentials of Food Sci Lab 1.0

NDFS290 Intro to Dietetics - Intro to Dietetics 1.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 2 —Complete 1 of 2 Courses**

*Complete 1 prerequisite course before professional sequence*

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

**Requirement 3 —Complete 1 of 2 Courses**

*Complete 1 prerequisite course before professional sequence*

CHEM101 Introductory General Chemistry - Introductory General Chemistry 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

**Requirement 4 —Complete 1 Options**

*Department Admission Requirements:*

- Students must apply by February 15th for admission into the professional sequence in the fall. Four of the prerequisite courses in Requirement 1 (option 1.1 and 1.2) must be completed at time of application. Requirement 1 (option 1.1 and 1.2) must be completed at time of entrance into the professional sequence in the fall.

- Enrollment is limited to 40 students per year.

- Major GPA, dietetics-related experience, and letters of recommendation will be considered.

- Successful applicants typically have a major and cumulative GPA greater than 3.0 and nutrition, dietetics, and food science grades greater than B-.

- Applicants need at least 150 hours of dietetics-related work and/or volunteer experience.

**Requirement 5 —Complete 16 Courses**

*Professional sequence courses (after being admitted into the program):*

NDFS300 Med Nutr Therapy 1 - Med Nutr Therapy 1 4.0

NDFS356 Med Nutr Therapy 2 - Med Nutr Therapy 2 3.0

NDFS374 Food Prod Mgmt - Food Prod Mgmt 2.0

NDFS375 Food Production Mgmt Lab - Food Production Mgmt Lab 3.0

NDFS400 Community Nutrition - Community Nutrition 3.0

NDFS405 Nutrition Assessment Lab - Nutrition Assessment Lab 0.5

NDFS424 Nutrition Through Life Cycle - Nutrition Through Life Cycle 2.0

NDFS434 Nutr Bio-organic Chemistry - Nutr Bio-organic Chemistry 4.0

NDFS440 Nutrition Educ & Counseling - Nutrition Educ & Counseling 3.0

NDFS445 Foodservice Systems - Foodservice Systems 3.0

NDFS455 Financial Mgt in Dietetics - Financial Mgt in Dietetics 3.0

NDFS458 Mgmt in Dietetics - Mgmt in Dietetics 3.0

NDFS466 Adv Dietetics Prac - Adv Dietetics Prac 3.0

NDFS475 Res in Dietetics - Res in Dietetics 2.0

NDFS490 Professionalism in Dietetics - Professionalism in Dietetics 1.0

NDFS491 Internship Preparation - Internship Preparation 1.0

**Requirement 6 —Complete 1 of 9 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

CELL120 Science of Biology - Science of Biology 3.0

CELL365 Pathophysiology - Pathophysiology 4.0

MKTG201 Marketing Management - Marketing Management 3.0

MSB250 Financial Management - Financial Management 3.0

NDFS237 Intro to Culinary Arts - Intro to Culinary Arts 2.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

NDFS380 International Nutrition - International Nutrition 3.0

STDEV150 Public Speaking - Public Speaking 3.0

**Requirement 7 —Complete 1 of 3 Courses**

ANTHR101 Social/Cultural Anthropology - Social/Cultural Anthropology 3.0

PSYCH111 Psychological Science - Psychological Science 3.0

SOC113 Multicultural America - Multicultural America 3.0

*Recommended Minors: The following minors are very complementary to a dietetics major, but any area of interest could be considered: Business, Gerontology (see School of Family Life), International Development, Spanish.*

## 285103 - Molecular Biology (Minor)

### Program Information

| Program Title | Degree |
| --- | --- |
| Molecular Biology | MIN |

## 285120 - Microbiology (BS)

### Program Information

| Program Title | Degree |
| --- | --- |
| Microbiology | BS |

Molecular Biology — PHN

| Variable Credit Min | Variable Credit Max |
|---|---|
| 18 | 18 |

Free Form Requirements

**Requirement 1 — Complete 4 Courses**

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO441 Adv Molecular Biology - Adv Molecular Biology 3.0

MMBIO368 Genomics - Genomics 3.0

PWS340 Genetics - Genetics 3.0

**Requirement 2 — Complete 6 hours**

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 3.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

BIO465 Capstone in Bioinformatics - Capstone in Bioinformatics 3.0

CELL360 Cell Biology - Cell Biology 3.0

MMBIO360 Bacterial Genetics - Microbial Genetics 4.0

MMBIO442 Adv Molecular Biology Lab - Adv Molecular Biology Lab 2.0

12706-000 - Missing course - Gene Regulation 2.0

*Note: Be aware of prerequisites for the above courses (usually filled in a coupled major).*

Microbiology — BS

| Variable Credit Min | Variable Credit Max |
|---|---|
| 57 | 60 |

Major Academic Plan

MAPS - BS in Microbiology 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Microbiology Fundamentals | Exhibit mastery of four of the following six principal areas of the discipline: microbial physiology, microbial genetics, microbial ecology, medical microbiology, virology, and immunology. |

| Title | Learning Outcome |
|---|---|
| Experiment Design | Devise experiments with appropriate hypotheses and controls. |

| Title | Learning Outcome |
|---|---|
| Data and Research Interpretation | Interpret experiments from primary scientific (biological) literature, analyzing the use of the scientific method, critiquing the rationale, methods, and conclusions in light of relevant scientific principles. |

| Title | Learning Outcome |
|---|---|
| Effective Communication | Effectively communicate scientific information using both oral and written methods |

| Title | Learning Outcome |
|---|---|
| Biology, Faith, and Christ-like Living | Reflect/discuss/explore how faith in the Lord and Christ-like living are affected by an understanding of fundamental biological principles. |

Free Form Requirements

**Requirement 1 — Complete 1 of 3 Courses**

BIO130 Biology - Biology 4.0

CELL120 Science of Biology - Science of Biology 3.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

**Requirement 2 —Complete 4 Courses**

MMBIO151 Microbiology - Intro to Microbiology 4.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

**Requirement 3 —Complete 12 hours**

MMBIO360 Bacterial Genetics - Bacterial Genetics 4.0

MMBIO363 Microbial Ecology - Microbial Ecology 2.0

MMBIO364 Bacterial Pathogenesis - Bacterial Pathogenesis 3.0

MMBIO366 Microbial Ecology Lab - Microbial Ecology Lab 1.0

MMBIO385 Phage Genetics - Phage Genetics 3.0

MMBIO418 Medical Parasitology - Medical Parasitology 2.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

MMBIO463 Immunology - Immunology 3.0

MMBIO465 Virology - Virology 3.0

MMBIO466 Virology Laboratory - Virology Laboratory 1.0

MMBIO467 Immunology Lab - Immunology Lab 1.0

**Requirement 4 —Complete 4 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

PHSCS105 General Physics 1 - General Physics 1 3.0

**Requirement 5 —Complete 1 of 2 Courses**

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

**Requirement 6 —Complete 1 of 2 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 7 —Complete 14 hours**

*A course used to fulfil requirements 1-6 may not be used to fulfil requirement 7. For certain elective courses, a limited number of credit hours can count towards this elective requirement.*

**Option 7.1 —Complete at least 10 hours up to 14 hours**

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 3.0

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

BIO350 Ecology - Ecology 3.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

CELL305 Human Physiology - Human Physiology 4.0

CELL325 Tissue Biology (with lab) - Tissue Biology (with lab) 3.0

CELL360 Cell Biology - Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

MMBIO110R Extremophiles - Extremophiles - *You may take once* 1.0

MMBIO122 Gen Biol: Health/Disease Lab - Gen Biol: Health/Disease Lab 1.0

MMBIO162R Careers in Biomed Sciences - Careers in Biomed Sciences - *You may take once* 1.0

MMBIO194 Phage Discovery - Phage Discovery 3.0

MMBIO195 Phage Comparative Genomics - Phage Comparative Genomics 3.0

MMBIO294R Mentored Research - Mentored Research - *You may take up to 2.0 credit hours* 0.5v

MMBIO350 Genetic Counseling - Genetic Counseling 3.0

MMBIO360 Bacterial Genetics - Microbial Genetics 4.0

MMBIO364 Bacterial Pathogenesis - Bacterial Pathogenesis 3.0

MMBIO366 Microbial Ecology Lab - Microbial Ecology Lab 1.0

MMBIO390R Readings in Molecular Biology - Readings in Molecular Biology - *You may take up to 1.0 credit hours* 1.0

MMBIO399R Academic Internship - Academic Internship - *You may take up to 4.0 credit hours* 1.0v

MMBIO409 Hematology - Hematology 3.0

MMBIO411 Molecular Diagnostics - Molecular Diagnostics 3.0

MMBIO441 Adv Molecular Biology - Adv Molecular Biology 3.0

MMBIO442 Adv Molecular Biology Lab - Adv Molecular Biology Lab 2.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

MMBIO463 Immunology - Immunology 3.0

MMBIO465 Virology - Virology 3.0

MMBIO466 Virology Laboratory - Virology Laboratory 1.0

MMBIO467 Immunology Lab - Immunology Lab 1.0

MMBIO368 Genomics - Genomics 3.0

MMBIO471 Applied Microbiology - Applied Microbiology 2.0

MMBIO490R Molecular Biology Seminar - Molecular Biology Seminar - *You may take once* 1.0

MMBIO493R Curr and Instruct Practicum - Curr and Instruct Practicum - *You may take up to 2.0 credit hours* 2.0

MMBIO494R Advanced Mentored Research - Advanced Mentored Research - *You may take up to 2.0 credit hours* 0.5v

MMBIO510 Hist & Philos Micro & Mol Biol - Hist & Philos Micro & Mol Biol 2.0

12706-000 - Missing course - Gene Regulation 2.0

03818-006 - Missing course - Advanced Immunology 2.0

12708-000 - Missing course - Bacteria-Host Interactions 2.0

MMBIO518 Select Pathogens - Select Pathogens 2.0

10932-003 - Missing course - Molecular Virology 2.0

MMBIO522 Flow Cytometry - Flow Cytometry 2.0

MMBIO528 Scientific Literacy - Current Topics in Pathogenesis - *You may take once* 1.0

NDFS361 Food Microbiology - Food Microbiology 3.0

NDFS544 Food Fermentations - Food Fermentations 2.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PWS340 Genetics - Genetics 3.0

PWS365 Biogeochem - Biogeochem 3.0

13513-000 - Missing course - Genomic Analysis 3.0

PWS514 Soil Microbiology - Soil Microbiology 2.0

**Option 7.2 —Complete up to 4 hours**

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

**Requirement 8 —Complete 1 Course**

MMBIO498 Reflections on Learning - Reflections on Learning 0.0

## 285125 - Molecular Biology (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Molecular Biology | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 57 | 60 |

**Major Academic Plan**

MAPS - BS in Molecular Biology 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Molecular Biology Fundamentals | Understand and apply the principles and techniques of molecular biology which prepares students for further education and/or employment in teaching basic research or the health professions. |

| Title | Learning Outcome |
|---|---|
| Research Development and Practice | Formulate and carry out independent and collaborative research projects. |

## 285220 - Medical Laboratory Science (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Medical Laboratory Science | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 62 | 62 |

**Major Academic Plan**

MAP - BS in Medical Laboratory Science 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Laboratory Tests and Diagnostics | Demonstrate cognitive knowledge through understanding and performing the full range of clinical laboratory tests in the areas of hematology clinical chemistry immunohematology microbiology serology/immunology coagulation molecular diagnostics laboratory operations and other emerging diagnostics. |

| | Learning Outcome |
|---|---|

| Title | Learning Outcome |
| --- | --- |
| Effective Communication | Communication skills in presenting their research findings through effective oral and written presentations. |

| Title | Learning Outcome |
| --- | --- |
| Professional Ethics and Behavior | Demonstrate a commitment to professional integrity and ethical behavior consistent with the mission of the university and accepted standards of professional conduct. |

Free Form Requirements

**Requirement 1 — Complete 1 of 3 Courses**

BIO130 Biology - Biology 4.0

CELL120 Science of Biology - Science of Biology 3.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

**Requirement 2 —Complete 10 Courses**

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 3.0

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

CELL360 Cell Biology - Cell Biology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

MMBIO390R Readings in Molecular Biology - Readings in Molecular Biology - *You may take once* 1.0

MMBIO441 Adv Molecular Biology - Adv Molecular Biology 3.0

MMBIO368 Genomics - Genomics 3.0

MMBIO490R Molecular Biology Seminar - Molecular Biology Seminar - *You may take once* 1.0

PWS340 Genetics - Genetics 3.0

**Requirement 3 —Complete 2 hours**

MMBIO294R Mentored Research - Mentored Research - *You may take up to 2.0 credit hours* 0.5v

MMBIO385 Phage Genetics - Phage Genetics 3.0

MMBIO442 Adv Molecular Biology Lab - Adv Molecular Biology Lab 2.0

MMBIO494R Advanced Mentored Research - Advanced Mentored Research - *You may take up to 2.0 credit hours* 0.5v

**Requirement 4 —Complete 4 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

| Title | Learning Outcome |
| --- | --- |
| Critical Thinking | Learn practice and use critical thinking skills to address novel problems. |

| Title | Learning Outcome |
| --- | --- |
| Effective Communication | Communicate to enable consultative interactions with members of the healthcare team external relations customer service and patient education. |

| Title | Learning Outcome |
| --- | --- |
| Laboratory Management and Organization | Possess and apply basic knowledge and skills in financial operations marketing and human resource management of the clinical laboratory to enable cost-effective high-quality value-added laboratory services. |

| Title | Learning Outcome |
| --- | --- |
| Information Processing and Management Systems | Possess basic knowledge and skills in financial operations marketing and human resource management of the clinical laboratory to enable cost-effective high-quality value-added laboratory services. |

Free Form Requirements

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

**Requirement 1 —Complete 13 Courses**

*Program Prerequisites:*

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

MMBIO102 Intro Clin Lab Tec - Intro Clin Lab Tec 1.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

PHSCS105 General Physics 1 - General Physics 1 3.0

**Requirement 5 —Complete 1 of 2 Courses**

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

**Requirement 6 —Complete 1 of 2 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 7 —Complete 12 hours**

*A course used to fulfil requirements 1-6 may not be used to fulfil Requirement 7. For certain elective courses, a limited number of credit hours can count toward this elective requirement.*

**Option 7.1 —Complete at least 8 hours up to 12 hours**

BIO350 Ecology - Ecology 3.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

BIO465 Capstone in Bioinformatics - Capstone in Bioinformatics 3.0

CELL305 Human Physiology - Human Physiology 4.0

CELL325 Tissue Biology (with lab) - Tissue Biology (with lab) 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL382 Developmental Biology - Developmental Biology 3.0

CELL444 Bio-Innovation 1 - Bio-Innovation 1 2.0

CELL445 Bio-Innovation 2 - Bio-Innovation II 2.0

CELL582 Developmental Genetics - Developmental Genetics 3.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

MMBIO110R Extremophiles - Extremophiles - *You may take once* 1.0

MMBIO122 Gen Biol: Health/Disease Lab - Gen Biol: Health/Disease Lab 1.0

MMBIO151 Microbiology - Intro to Microbiology 4.0

MMBIO162R Careers in Biomed Sciences - Careers in Biomed Sciences - *You may take once* 1.0

MMBIO194 Phage Discovery - Phage Discovery 3.0

MMBIO195 Phage Comparative Genomics - Phage Comparative Genomics 3.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

PWS340 Genetics - Genetics 3.0

**Requirement 2 —Complete 10 Courses**

*Program courses:*

MMBIO405 MLS Laboratory Operations - MLS Laboratory Operations 1.0

MMBIO406 Clinical Chemistry - Clinical Chemistry 4.0

MMBIO407 Clinical Microbiol - Clinical Microbiol 5.0

MMBIO409 Hematology - Hematology 3.0

MMBIO410 Hematology Laboratory - Hematology Laboratory 2.0

MMBIO411 Molecular Diagnostics - Molecular Diagnostics 3.0

MMBIO412 Immunohematology - Immunohematology 4.0

MMBIO418 Medical Parasitology - Medical Parasitology 2.0

MMBIO419 Clinical Parasitology Lab - Clinical Parasitology Lab 1.0

MMBIO491 Apps in Lab Medicn - Apps in Lab Medicn 1.0

**Requirement 3 —Complete 2 hours**

*Complete an internship experience. Complete at least 2 hours from the following:*

MMBIO496R Clinical Experience - Clinical Experience - *You may take once* 1.0v

**Recommended Courses are not required to complete the program**

*Although not required, these courses are recommended.*

STAT121 Principles of Statistics - Principles of Statistics 3.0

WRTG316 Technical Communication - Technical Communication 3.0

MMBIO294R Mentored Research - Mentored Research - *You may take up to 2.0 credit hours* 0.5v

MMBIO350 Genetic Counseling - Genetic Counseling 3.0

MMBIO360 Bacterial Genetics - Bacterial Genetics 4.0

MMBIO363 Microbial Ecology - Microbial Ecology 2.0

MMBIO364 Bacterial Pathogenesis - Bacterial Pathogenesis 3.0

MMBIO365 Bacterial Pathogenesis Lab - Bacterial Pathogenesis Lab 1.0

MMBIO366 Microbial Ecology Lab - Microbial Ecology Lab 1.0

MMBIO399R Academic Internship - Academic Internship - *You may take up to 2.0 credit hours* 1.0v

MMBIO409 Hematology - Hematology 3.0

MMBIO411 Molecular Diagnostics - Molecular Diagnostics 3.0

MMBIO418 Medical Parasitology - Medical Parasitology 2.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

MMBIO463 Immunology - Immunology 3.0

MMBIO465 Virology - Virology 3.0

MMBIO466 Virology Laboratory - Virology Laboratory 1.0

MMBIO467 Immunology Lab - Immunology Lab 1.0

MMBIO471 Applied Microbiology - Applied Microbiology 2.0

MMBIO493R Curr and Instruct Practicum - Curr and Instruct Practicum - *You may take once* 2.0

MMBIO494R Advanced Mentored Research - Advanced Mentored Research - *You may take up to 2.0 credit hours* 0.5v

MMBIO510 Hist & Philos Micro & Mol Biol - Hist & Philos Micro & Mol Biol 2.0

12706-000 - Missing course - Gene Regulation 2.0

03818-006 - Missing course - Advanced Immunology 2.0

12708-000 - Missing course - Bacteria-Host Interactions 2.0

MMBIO518 Select Pathogens - Select Pathogens 2.0

10932-003 - Missing course - Molecular Virology 2.0

MMBIO522 Flow Cytometry - Flow Cytometry 2.0

MMBIO528 Scientific Literacy - Current Topics in Pathogenesis - *You may take once* 1.0

PHSCS106 General Physics 2 - General Physics 2 3.0

13513-000 - Missing course - Genomic Analysis 3.0

**Option 7.2 —Complete up to 4 hours**

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

**Requirement 8 —Complete 1 Course**

MMBIO498 Reflections on Learning - Reflections on Learning 0.0

## 285620 - Neuroscience (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Neuroscience | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 66 | 69 |

**Major Academic Plan**

MAP - BS in Neuroscience 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Knowledge of the Discipline | Comprehend, apply, and synthesize knowledge of the discipline of neuroscience, and have the necessary knowledge and skills leading to successful employment or further schooling. |

| Title | Learning Outcome |
|---|---|
| Effective Scientific Analysis and Communication | Critically evaluate current scientific literature and effectively communicate ideas integrating research hypotheses and data. |

| Title | Learning Outcome |
|---|---|
| Experiential Learning | Apply the principles of neuroscience in a mentored research setting (449R), in an internship setting (496R), or in a laboratory skills and methods course setting (481). |

**Free Form Requirements**

**Requirement 1 — Complete 4 Courses**

*Major core courses:*

NEURO205 Neurobiology - Neurobiology 3.0

NEURO360 Neuroanatomy - Neuroanatomy 2.0

NEURO460 Behavioral Neuroscience - Behavioral Neuroscience 3.0

NEURO480 Cellular Neuroscience - Cellular Neuroscience 3.0

**Requirement 2 —Complete 4 Courses**

*Life sciences courses:*

CELL120 Science of Biology - Science of Biology 3.0

CELL360 Cell Biology - Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

**Requirement 3 —Complete 2 Courses**

*Psychology courses:*

## 285720 - Biophysics (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Biophysics | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 72.5 | 73.5 |

**Major Academic Plan**

MAP - BS in Biophysics 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Biophysics | Physiology and Biochemistry Fundamentals Apply key principles of biophysics toward evaluating and analyzing primary literature in the field. Be able to explain key concepts in physiology and biophysics (and supporting disciplines). |

| Title | Learning Outcome |
|---|---|
| Effective Analysis and Writing | Critically evaluate current scientific literature and demonstrate the ability to write reports that synthesize and integrate data and hypotheses. |

| Title | Learning Outcome |
|---|---|
| Laboratory Techniques | Demonstrate competency in carrying out standard laboratory techniques used in the discipline. |

**Free Form Requirements**

**Requirement 1 — Complete 6 Courses**

*Life sciences core courses:*

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

CELL120 Science of Biology - Science of Biology 3.0

CELL360 Cell Biology - Cell Biology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

PWS340 Genetics - Genetics 3.0

**Requirement 2 — Complete 22 hours**

*Chemistry courses:*

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH375 Cognition - Cognition 3.0

**Requirement 4 —Complete 5 Courses**

*Chemistry courses:*

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

**Requirement 5 —Complete 1 of 2 Options**

*Complete ONE of the following physics course options:*

**Option 5.1 —Complete 2 Courses**

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

**Option 5.2 —Complete 3 Courses**

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

**Requirement 6 —Complete 2 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 7 —Complete 1 hour**

*Complete at least 1.0 hour from the following courses. Off-campus internships (Neuro 399R) and on-campus research experiences (Neuro 449R) should be sought early in your BYU education. An approved internship application submitted to the neuroscience internship supervisor is required for Neuro 399R. Instructor permission is required for Neuro 349R and Neuro 449R.*

NEURO349R Teaching Experience - Teaching Experience 1.0v

NEURO399R Academic Internship - Academic Internship 0.5-12.0

NEURO449R Neuro Research Experience - Neuro Research Experience 0.5-3.0

NEURO481 Neuroscience Laboratory - Neuroscience Laboratory 1.0

**Requirement 8 —Complete 1 hour**

*Enroll in this course for two separate semesters to earn the required 1.0 credit.*

NEURO455R Neuro Seminar - Neuro Seminar - *Take 2 times* 0.5

**Requirement 9 —Complete 8 hours**

*Electives: Complete 8.0 hours from the following elective list. Courses taken to fulfill the requirements above cannot double count in this*

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors - Enroll for two credits 2.0v

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM481 Biochemistry - Biochemistry 3.0

**Requirement 3 — Complete 6 Courses**

*Math and physics courses:*

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

**Requirement 4 — Complete 4 Courses**

*Major core courses:*

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL455R Cell Bio & Physiology Seminar - Cell Bio & Physiology Seminar 0.5

CELL568 Biophysics - Biophysics 3.0

**Requirement 5 — Complete 10 hours**

*Complete 10 hours from the following. At least 4 hours must come from the mentored experience and at least 5 hours from electives.*

**Option 5.1 — Complete at least 4 hours up to 5 hours**

*A. Mentored laboratory experience (must be in an approved biophysics lab) (at least 4 hours required):*

CELL295R Introductory Undgrad Research - Introductory Undgrad Research - *You may take up to 5.0 credit hours* 0.5-2.0

CELL495R Adv Undergraduate Research - Adv Undergraduate Research - *You may take up to 5.0 credit hours* 0.5-4.0

CELL498 Advanced Senior Research - Advanced Senior Research 3.0

**Option 5.2 — Complete up to 6 hours**

*B. Electives (at least 5 hours required):*

CELL365 Pathophysiology - Pathophysiology 4.0

CELL450R Readings in Cell Bio & Physiol - Readings in Cell Bio & Physiol 1.0-2.0

CELL498 Advanced Senior Research - Advanced Senior Research 3.0

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL565 Endocrinology - Endocrinology 3.0

*requirement.*

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL565 Endocrinology - Endocrinology 3.0

CELL568 Biophysics - Biophysics 3.0

CHEM481 Biochemistry - Biochemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

COMD213 Hearing Science & Acoustics - Hearing Science & Acoustics 3.0

ME EN552 Neuromechanics of Movement - Neuromechanics of Movement 3.0

NEURO390R Special Topics - Special Topics 1.0-3.0

NEURO420R Sen. Practicum: Comm Proj - Sen. Practicum: Comm Proj 1.0v

NEURO455R Neuro Seminar - Neuro Seminar 0.5

NEURO481 Neuroscience Laboratory - Neuroscience Laboratory 1.0

PSYCH342 Psychopathology - Abnormal Psychology 3.0

PSYCH370 Sensation and Perception - Sensation and Perception 3.0

PSYCH377 Cognitive Neurosci of Memory - Cognitive Neurosci of Memory 3.0

PSYCH382 Stress Psychobiology - Stress Psychobiology 3.0

PSYCH388 Drugs, Reward and Addiction - Drugs, Reward and Addiction 3.0

PWS340 Genetics - Genetics 3.0

**Requirement 10 — Obtain confirmation from your advisement center that you have completed the following:**

Complete an exit interview. Students will be contacted by the Neuroscience Center office during their last semester to complete this requirement.

*Note 1: Neuro 349 R,  Neuro 399R, Neuro 449R, Me En 552, and CELL 568 require the instructor's permission before enrolling.*

*Note 2: Professional schools and graduate programs may require additional courses not required for this major, such as physiology lab, physics labs, chemistry, calculus, or statistics. Contact the programs to which you may apply to determine the specific courses required. Students should work closely with the Life Science Advisement Center and BYU's Pre-Professional Advisement Center.*

*Note 3: The Neuroscience Center requires a minimum of 21 hours of neuroscience major credit to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

CHEM 223 - Quant & Qual Analy 4.0

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

EC EN301 Elements of Electrical Engr - Elements of Electrical Engr 3.0

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

MMBIO441 Adv Molecular Biology - Adv Molecular Biology 3.0

MMBIO442 Adv Molecular Biology Lab - Adv Molecular Biology Lab 2.0

NEURO480 Cellular Neuroscience - Cellular Neuroscience 3.0

PHSCS145 Experimental Methods - Experimental Methods 1.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

## 285721 - Cell Biology and Physiology (BS)

### Program Information

| Program Title | Degree |
| --- | --- |
| Cell Biology and Physiology | BS |

## 285801 - Plant and Landscape Systems (Minor)

### Program Information

| Cell Biology and Physiology | BS |
|---|---|
| **Variable Credit Min** | **Variable Credit Max** |
| 67.5 | 67.5 |

**Major Academic Plan**

MAP - BS in Cell Biology and Physiology 2023-2024.pdf

| | |
|---|---|
| | **Learning Outcome**<br>Apply key principles of cell biology toward evaluating and analyzing primary literature in the field. Be able to explain key concepts including mechanisms by which cellular architecture and organization is developed and maintained and mechanisms by which cells undertake complex functions such as adhesion, polarity, signaling, division, motility, migration, and development. |
| **Title**<br>Cell Biology Fundamentals | |

| | |
|---|---|
| | **Learning Outcome**<br>Apply key principles of physiology toward evaluating and analyzing primary literature in the field. Be able to explain key concepts including mechanisms of maintenance of homeostasis by physiologic control systems, mechanisms of communication among cells and organs, properties that influence movement of substances across living membranes, and relationships of cell and organ structure to function. |
| **Title**<br>Physiology Fundamentals | |

| | |
|---|---|
| | **Learning Outcome**<br>Explain key principles of supporting disciplines including molecular biology, evolutionary science, chemistry (general, organic, and biochemistry), and physics. |
| **Title**<br>Supporting Disciplines | |

| | |
|---|---|
| | **Learning Outcome**<br>Critically evaluate current scientific literature and write reports that synthesize and integrate data and hypotheses. |
| **Title**<br>Effective Writing and Analysis | |

| | |
|---|---|
| | **Learning Outcome**<br>Demonstrate competency in carrying out standard laboratory techniques used in the discipline. |
| **Title**<br>Laboratory Techniques | |

**Free Form Requirements**

**Requirement 1 — Complete 8 Courses**

| Program Title | Degree |
|---|---|
| Plant and Landscape Systems | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 17.5 | 20 |

**Free Form Requirements**

**Requirement 1 — Complete 4 Courses**

PWS103 Residential Landscape Design - Residential Landscape Design 3.0

PWS191 Intro to PLS - Intro to PLS 1.0

PWS214 Bidding & Estimating - Bidding & Estimating 2.0

PWS282 Soil Science - Soil Science 3.0

**Requirement 2 — Complete 1 of 2 Courses**

PWS198R PLS Practicum - PLS Practicum - *You may take once* 0.5

PWS199R Academic Internship - Academic Internship - *You may take once* 0.5v

**Requirement 3 — Complete 8 hours**

*After consulting with a faculty advisor, complete 8 hours from the following:*

**Option 3.1 — Complete up to 8 hours**

*Design:*

PWS105 Landscape Design Graphics - Landscape Design Graphics 2.0

PWS112 Floral Design - Floral Design 3.0

PWS205 Landscape Comp Applications - Landscape Comp Applications 3.0

PWS213 Interior Plants & Landscapes - Interior Plants & Landscapes 3.0

PWS380 Advanced Landscape Design - Plant Community Design 3.0

**Option 3.2 — Complete up to 8 hours**

*Installation:*

PWS211 Hardscape Materials - Hardscape Materials 2.0

PWS212 Principles of Irrigation - Principles of Irrigation 2.0

PWS220 Trees - Trees 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS319 Grasses in Urban & Natural Env - Grasses in Urban & Natural Env 3.0

**Option 3.3 — Complete up to 8 hours**

*Maintenance:*

PWS100 Plants in the Environment - Plants in the Environment 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS319 Grasses in Urban & Natural Env - Grasses in Urban & Natural Env 3.0

PWS431 Plant Health Diagnostics - Plant Health Diagnostics 3.0

Note 1: Electives need not be taken from the same emphasis to fill this requirement.

Note 2: PWS 100 will substitute for 3 hours under the elective requirement.

*Major core courses: (Note: CELL 210 can be substituted for CELL 220 upon request.)*

CELL120 Science of Biology - Science of Biology 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CELL325 Tissue Biology (with lab) - Tissue Biology (with lab) 3.0

CELL360 Cell Biology - Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL382 Developmental Biology - Developmental Biology 3.0

CELL455R Cell Bio & Physiology Seminar - Cell Bio & Physiology Seminar 0.5

**Requirement 2 — Complete 4 Courses**

*Additional biology courses:*

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

PWS340 Genetics - Genetics 3.0

**Requirement 3 — Complete 8 Courses**

*Chemistry and physics courses:*

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM481 Biochemistry - Biochemistry 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

**Requirement 4 — Complete 3 hours**

*Experiential learning options. Experiences should be sought early in your BYU education.*

CELL295R Introductory Undgrad Research - Introductory Undgrad Research 0.5-2.0

CELL349R Cell Bio & Physiology Teaching - Cell Bio & Physiology Teaching 1.0-3.0

CELL399R Academic Internship - Academic Internship 3.0-9.0

CELL444 Bio-Innovation 1 - Bio-Innovation 1 2.0

CELL445 Bio-Innovation 2 - Bio-Innovation 2 2.0

CELL450R Readings in Cell Bio & Physiol - Readings in Cell Bio & Physiol 1.0-2.0

CELL495R Adv Undergraduate Research - Adv Undergraduate Research 0.5-4.0

Research 0.5 - 4.0

LFSCI199R Nonresearch Academic Internshp - Nonresearch Academic Internshp - *You may take up to 1.0 credit hour* 0.5-3.0

STDEV132 Peer Education Level 1 - Peer Education Level 1 1.0

STDEV133 Peer Education Level 2 - Peer Education Level 2 1.0

**Requirement 5 — Complete 1 of 7 Courses**

*Capstone courses:*

CELL498 Advanced Senior Research - Advanced Senior Research 3.0

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL562 Reproductive Physiology - Reproductive Physiology 3.0

CELL565 Endocrinology - Endocrinology 3.0

CELL568 Biophysics - Biophysics 3.0

CELL582 Developmental Genetics - Developmental Genetics 3.0

NEURO480 Cellular Neuroscience - Cellular Neuroscience 3.0

**Requirement 6 — Complete 9 hours**

*Elective courses (at least 3 hours must be CELL). Courses taken to fulfill the requirements above cannot double count in this requirement.*

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 3.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

BIO368 Genomics - Genomics 3.0

BIO375 Plant Development and Morph. - Plant Developmental Biology 3.0

CELL320 Dissection Tech Human Anatomy - Dissection Tech Human Anatomy 1.0

CELL365 Pathophysiology - Pathophysiology 4.0

CELL455R Cell Bio & Physiology Seminar - Cell Bio & Physiology Seminar 0.5

CELL484 Human Embryology - Human Embryology 3.0

CELL498 Advanced Senior Research - Advanced Senior Research 3.0

CELL520R Adv Topics in Human Anatomy - Adv Topics in Human Anatomy 1.0-2.0

CELL550R Adv Topics-Cell Bio & Physiol - Adv Topics-Cell Bio & Physiol 1.0-4.0

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL562 Reproductive Physiology - Reproductive Physiology 3.0

CELL565 Endocrinology - Endocrinology 3.0

CELL568 Biophysics - Biophysics 3.0

CELL582 Developmental Genetics - Developmental Genetics 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

EXSC463 Exercise Physiology - Exercise Physiology 3.0

EXSC464 Exercise Physiology Lab - Exercise Physiology Lab 0.5

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

MMBIO441 Adv Molecular Biology - Adv Molecular Biology 3.0

MMBIO442 Adv Molecular Biology Lab - Adv Molecular Biology Lab 2.0

MMBIO463 Immunology - Immunology 3.0

NEURO480 Cellular Neuroscience - Cellular Neuroscience 3.0

*Professional schools and graduate programs may require additional courses not required for this major, such as physics labs, chemistry, calculus, or statistics. Contact the programs to which you may apply to determine the specific courses required. Students should work closely with the Life Science Advisement Center and BYU's Pre-Professional Advisement Center.*

## 285802 - Environmental Science and Sustainability (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Environmental Science and Sustainability | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 17 | 18 |

**Free Form Requirements**

**Requirement 1 — Complete 2 Courses**

PWS150 Environmental Biology - Environmental Biology 3.0

**Requirement 2 — Complete 1 of 2 Courses**

PWS375 Aquatic Policies & Laws - Aquatic Policies & Laws 3.0

PWS385 Terrestrial Policies and Laws - Terrestrial Policies and Laws 3.0

**Requirement 3 — Complete 6 hours**

*Environmental Science and Core Courses: Students may enroll in PWS 494R more than once for a total of 3.0 credit hours*

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS305 Watershed Ecology - Watershed Ecology 3.0

PWS306 Watershed Ecology Lab - Watershed Ecology Lab 1.0

PWS365 Biogeochem - Biogeochem 3.0

PWS366 Biogeochem Lab - Biogeochem Lab 1.0

PWS440 Plant Physiol Ecol - Plant Physiological Ecology 3.0

PWS480 Environmental Capstone - Environmental Capstone 3.0

PWS494R Mentored Learning Experience - Mentored Learning Experience - *You may take once* 0.5v

**Requirement 4 — Complete 6 hours**

*Sustainability Core Courses:*

## 285823 - Genetics, Genomics, & Biotechnology (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Genetics, Genomics & Biotechnology | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 59 | 63 |

**Major Academic Plan**

MAPS - BS in Genetics, Genomics, & Biotechnology 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Molecular Genetics Fundamentals | Exhibit a broad understanding of core molecular genetics and biology concepts including bioinformatics, molecular biology, genetics, cellular biology, physiology and evolution. |

| Title | Learning Outcome |
|---|---|
| Biotechnology Skills and Practices | Independently perform key biotechnology and molecular biology benchwork protocols and can use popular computational software packages for DNA sequence analysis as they apply to plant and animal improvement programs or microbial genomics. Graduates of the biotechnology business track will have additional skills acquired from case studies-oriented management courses. |

| | Learning Outcome |
|---|---|
| | Explain key concepts of genome organization and manipulation |

BIO370 Bioethics - Bioethics 2.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

HIST290 Nature & History - Nature & History 3.0

HLTH322 Environmental Health - Environmental Health 3.0

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

IHUM280R Humanities & the Environment - Humanities & the Environment - *You may take once* 3.0

MSB375 Social Impact - Social Impact 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

PWS110 Sustainable Food Crop Systems - Sustainable Food Crop Systems 3.0

PWS180 Global Climate Change - Global Climate Change 3.0

PWS417 Rangeland Planning & GIS - Rangeland Planning & GIS 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

| | |
|---|---|
| **Title**<br>Genome Organization and Manipulation | in depth, for example genetic map construction, sequencing methods and strategies, genome annotation, comparative genomics, global gene expression profiling, metagenomics, and transgenic plant and animal technologies. Also, students can independently assemble bacterial genomes and parse metagenomic sequencing data. |

| | |
|---|---|
| **Title**<br>Quantitative Reasoning and Analysis | **Learning Outcome**<br>Demonstrate proficiency in applying the quantitative and analytical skills necessary for successful research science and/or clinical health careers. Examples include designing properly controlled experiments (PWS288 and PWS274), critically analyzing experimental data in the literature (MMBIO 240, PDBIO 360), and writing scripts to parse genomic datasets (PWS272, PWS472, PWS474) |

| | |
|---|---|
| **Title**<br>Literature Summation and Discussion | **Learning Outcome**<br>Graduates can summarize the background, methodology, results and conclusions of a set of experiments, as published in a single or in multiple related scientific papers, and lead classroom discussions on them. |

**Free Form Requirements**

**Requirement 1 —Complete 11 Courses**

*Core courses:*

CELL360 Cell Biology - Cell Biology 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS188 Intro to Genetics & Biotech - Intro to Genetics & Biotech 1.0

PWS272 Coding for Genetic Analysis - Coding for Genetic Analysis 3.0

PWS274 Applied Biostatistics - Applied Biostatistics 3.0

PWS288 Molecular Genetics Laboratory - Molecular Genetics Laboratory 3.0

PWS340 Genetics - Genetics 3.0

PWS368 Genomics - Genomics 3.0

**Requirement 2 —Complete 3 hours**

CELL120 Science of Biology - Science of Biology 3.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

**Requirement 3 —Complete 1 of 2 Options**

**Option 3.1 —Complete 3 Requirements**

*A. GENETICS AND GENOMICS CORE TRACK:*

**Requirement 3.1.1 —Complete 6 Courses**

*Core Genetics and Genomics courses:*

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM481 Biochemistry - Biochemistry 3.0

PWS316 Scientific Writing Genetics - Scientific Writing Genetics 3.0

PWS472 Conservation Genomics - Conservation Genomics 3.0

**Requirement 3.1.2 —Complete 1 of 4 Courses**

*Organismal Physiology course:*

BIO310 Comparative Animal Physiology - Comparative Physiol & Anatomy 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

PWS440 Plant Physiol Ecol - Plant Physiol Ecol 3.0

**Requirement 3.1.3 —Complete 9 hours**

**Option 3.1.3.1 — Complete at least 6 hours up to 9 hours**

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

CELL382 Developmental Biology - Developmental Biology 3.0

MMBIO151 Microbiology - Intro to Microbiology 4.0

MMBIO360 Bacterial Genetics - Microbial Genetics 4.0

PWS301 Plant Propagation - Plant Propagation 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

PWS474 Bacterial Genomics - Bacterial Genomics 2.0

10719-002 - Missing course - Plant Cell Biology 3.0

PWS588 Metagenomics - Metagenomics 3.0

**Option 3.1.3.2 - Complete up to 3 hours**

PWS399R Research Internship - Research Internship

PWS494R Biotechnology Lab - Biotechnology Lab

**Option 3.2 —Complete 4 Requirements**

*B. BUSINESS MINOR CORE TRACK:*

**Requirement 3.2.1 —Complete 6 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

HRM300 Organizational Behavior - Organizational Behavior 3.0

STRAT488 Agribusiness Management 1 - Agribusiness Management 1 3.0

**Requirement 3.2.2 —Complete 1 of 2 Courses**

MKTG201 Marketing Management - Marketing Management 3.0

STRAT489 Agribusiness Management 2 - Agribusiness Management 2 3.0

**Requirement 3.2.3 —Complete 1 of 2 Courses**

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

**Requirement 3.2.4 —Complete 1 of 2 Options**

**Option 3.2.4.1 —Complete 1 Course**

PWS316 Scientific Writing Genetics - Scientific Writing Genetics 3.0

**Option 3.2.4.2 —Complete 2 Courses**

CELL444 Bio-Innovation 1 - Bio-Innovation 1 2.0

CELL445 Bio-Innovation 2 - Bio-Innovation II 2.0

Note: To complete a minor from the Marriott School of Business, students must take MKTG 201 in group 3.2.2 and one of the following: Math 110, Math 112, Math 116, Math 118, or IS 201.

**Recommended Courses are not required to complete the program**

*Recommended Courses:*

**Recommended Courses are not required to complete the program**

*For preprofessional or graduate school preparation:*

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

**Recommended Courses are not required to complete the program**

*For students seeking employment in the biotech industry:*

PWS199R Academic Internship - Academic Internship - *You may take once* 0.5v

*Note: Contact the academic advisor to determine if R research in other departments may be applied to the 3.1.4.1 requirement.*

## 285824 - Environmental Science and Sustainability (BS)

### Program Information

**Program Title**
Environmental Science and Sustainability

**Degree**
BS

**Variable Credit Min**
60

**Variable Credit Max**
60

**Major Academic Plan**
MAPS - BS in Environmental Science and Sustainability 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| The Scientific Method | Devise experiments with testable hypotheses addressing environmental concerns, problems, and solutions in the environment based on the interpretation of primary scientific literature and the scientific method. |
| Environmental Measurements, Assessments, and Statistics | Conduct and design basic environmental quality measurements, site assessments, and statistics associated with resource management and conservation. |
| Environmental Policy | Understand the inception, current state, and future needs of seminal environmental policies and laws. |
| Effective Communication | Write effectively and concisely both within and outside the environmental science discipline. |
| Scientific Foundation | Possess a fundamental and applied knowledge of the biogeochemistry ecology plant biology microbiology and laws relating to soil and water conservation quality and pollution. |
| | Foster and promote an environmental awareness, stewardship, and sustainability |

## 285825 - Plant and Landscape Systems (BS)

### Program Information

**Program Title**
Plant and Landscape Systems

**Degree**
BS

**Variable Credit Min**
66

**Variable Credit Max**
71.5

**Major Academic Plan**
MAP - BS in Plant and Landscape Systems 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Landscape Management and the Gospel of Jesus Christ | Identify reflect on and articulate personally significant experiences that strengthen the desire to incorporate the gospel of Jesus Christ in managing and creating beautiful landscapes |
| Landscape Practices | Lead and practice with a knowledge of landscape contracting at the local and national levels. |
| Career Preparation | Effectively compete for the best employment positions including leadership in national organizations which are available to college graduates including self-employment. |
| Landscape Design, Construction, and Management | Demonstrate competence in each of the three main areas of landscape contracting: design, management and installation. |
| Academic and Professional Preparation | Demonstrate preparation to excel in a variety of graduate programs related to landscape management. |

**Free Form Requirements**

**Requirement 1 — Complete 18 Courses**

PWS100 Plants in the Environment - Plants in the Environment 3.0

PWS103 Residential Landscape Design - Residential Landscape Design 3.0

PWS110 Sustainable Food Crop Systems - Sustainable Food Crop Systems 3.0

PWS191 Intro to PLS - Intro to PLS 1.0

PWS198R PLS Practicum - PLS Practicum - *You may take once* 0.5

| Title | |
|---|---|
| Global Environmental Awareness and Stewardship | ethic to help all understand their influence on and spiritual connection to God's creations and Earth. |

Free Form Requirements

**Recommended Courses are not required to complete the program**

*Recommended GEs*

PWS150 Environmental Biology - Environmental Biology 3.0

PWS180 Global Climate Change - Global Climate Change 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 1 —Complete 11 Courses**

*Environmental Science Core*

CHEM101 Introductory General Chemistry - Introductory General Chemistry 3.0

PWS155 Careers in Environmntl Science - Careers in Environmntl Science 1.0

PWS274 Applied Biostatistics - Applied Biostatistics 3.0

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS305 Watershed Ecology - Watershed Ecology 3.0

PWS306 Watershed Ecology Lab - Watershed Ecology Lab 1.0

PWS365 Biogeochem - Biogeochem 3.0

PWS366 Biogeochem Lab - Biogeochem Lab 1.0

PWS440 Plant Physiol Ecol - Plant Physiol Ecol 3.0

PWS480 Environmental Capstone - Environmental Capstone 3.0

**Requirement 2 —Complete 3 of 13 Courses**

*Sustainability Core. Complete 8-9 hours from the following courses*

BIO370 Bioethics - Bioethics 2.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

HIST290 Nature & History - Nature & History 3.0

HLTH322 Environmental Health - Environmental Health 3.0

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

IHUM280R Humanities & the Environment - Humanities & the Environment - *You may take once* 3.0

MSB375 Social Impact - Social Impact 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

PWS110 Sustainable Food Crop Systems - Sustainable Food Crop Systems 3.0

PWS180 Global Climate Change - Global Climate Change 3.0

PWS417 Rangeland Planning & GIS - Rangeland Planning & GIS 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

PWS211 Hardscape Materials - Hardscape Materials 2.0

PWS212 Principles of Irrigation - Principles of Irrigation 2.0

PWS214 Bidding & Estimating - Bidding & Estimating 2.0

PWS220 Trees - Trees 3.0

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS301 Plant Propagation - Plant Propagation 3.0

PWS319 Grasses in Urban & Natural Env - Grasses in Urban & Natural Env 3.0

PWS320 Sustainable Plant Systems - Sustainable Plant Systems 3.0

PWS331 Sci of Plant Pest Control - Sci of Plant Pest Control 3.0

PWS402 Soils & Water in Urban Environ - Soils & Water in Urban Environ 3.0

PWS431 Plant Health Diagnostics - Plant Health Diagnostics 3.0

PWS481 Plant Landscape Bus. Systems - Plant Landscape Bus. Systems 2.0

**Requirement 2 — Complete 0.5 hours**

PWS199R Academic Internship - Academic Internship - *You may take once* 0.5v

**Requirement 3 — Complete 2 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

STRAT488 Agribusiness Management 1 - Agribusiness Management 1 3.0

**Requirement 4 — Complete 1 of 2 Courses**

MKTG201 Marketing Management - Marketing Management 3.0

STRAT489 Agribusiness Management 2 - Agribusiness Management 2 3.0

**Requirement 5 — Complete 1 of 2 Courses**

CHEM101 Introductory General Chemistry - Introductory General Chemistry 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

**Requirement 6 — Complete 3 of 6 Courses**

BIO235 Field Botany - Field Botany 3.0

PWS105 Landscape Design Graphics - Landscape Design Graphics 2.0

PWS112 Floral Design - Floral Design 3.0

PWS205 Landscape Comp Applications - Landscape Comp Applications 3.0

PWS213 Interior Plants & Landscapes - Interior Plants & Landscapes 3.0

PWS380 Advanced Landscape Design - Plant Community Design 3.0

**Requirement 7 — Complete 1 of 4 Courses**

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

**Requirement 3 —Complete 1 of 2 Courses**

*Environmental Policies and Laws Core*

PWS375 Aquatic Policies & Laws - Aquatic Policies & Laws 3.0

PWS385 Terrestrial Policies and Laws - Terrestrial Policies and Laws 3.0

**Requirement 4 —Complete 3 hours**

*Experiential Learning. Students may enroll in PWS 494R more than once for a total of 3.0 credit hours*

PWS250 Field Ecology - Field Ecology 3.0

PWS292R Intro Mentored Learning - Intro Mentored Learning - *You may take once* 0.5v

PWS399R Research Internship - Research Internship - *You may take once* 0.5v

PWS494R Mentored Learning Experience - Mentored Learning Experience - *You may take up to 3.0 credit hours* 0.5v

**Requirement 5 —Complete 21 hours**

*Complete 21.0 hours from the following option(s) with only 9.0 credit hours completed as 100 level courses. Note: all classes listed in Requirements 2, 3, and 4 are also approved general electives*

Ecosystem Ecology Track

Complete the following: CHEM 285, GEOG 307, BIO 350, BIO 420, BIO 542, BIO 455, PWS 215, PWS 411, PWS 417, PWS 419, and PWS 472.

Sustainable Development Track

Complete the following: ECON 110, HLTH 480, IAS 220, IHUM 280R, MSB 375, MSB 381, and SOC 340.

Resource Conservation & Management Track

Complete the following: PWS 225, PWS 330, PWS 376, PWS 405, CE EN 414, CE EN 451, CHEM 201, GEOL 420/421, and HLTH 322.

**Option 5.1 —Complete up to 24 hours**

*General Major Electives:*

ACC200 Principles of Accounting - Principles of Accounting 3.0

BIO130 Biology - Biology 4.0

BIO235 Field Botany - Field Botany 3.0

BIO350 Ecology - Ecology 3.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

BIO556 Limnology - Limnology 3.0

BIO557 Stream & Wetland Ecology - Stream & Wetland Ecology 4.0

CCE102 Sustainable Infrastructure - Sustainable Infrastructure 2.0

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CELL120 Science of Biology - Science of Biology 3.0

CELL444 Bio-Innovation 1 - Bio-Innovation 1 2.0

CELL445 Bio-Innovation 2 - Bio-Innovation II 2.0

CFM 460 - Sustainable & Regulatory Build - *This course is no longer available for registration and will count only if you completed it while*

HRM300 Organizational Behavior - Organizational Behavior 3.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

*A MANAGEMENT MINOR IS STRONGLY RECOMMENDED*

*Completion of the following courses (some listed above) will meet the requirements for this minor: Acc 200, Econ 110, ENT 381, Fin 201, HRM 300, Math 110, Stat 121, STRAT 489.*

*The following courses are also suggested: ENT 301; M Com 320, StDev 150.*

*For students planning to pursue a master's degree in landscape architecture (MLA), the following courses are also recommended: Bio 350; CFM 105; Geog 212, 310, 422; PWS 380.*

*For students planning to pursue a master's degree in (MS) the following courses are recommended: Chem 106, 107, 351, 352, 481; Engl 316; Math 119 or Stat 121; Phscs 105, 106; PWS 440, 513.*

*it was offered. Please see your college advisement center for possible substitutions.* 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM 223 - Quant & Qual Analy 4.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG101 Global Environment - Global Environment 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG303 Biogeography - Biogeography 3.0

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

GEOG307 Spatial Analysis of Envr Data - Landscape Ecology 3.0

GEOL101 Introduction to Geology - Introduction to Geology 3.0

GEOL111 Physical Geology - Physical Geology 4.0

GEOL420 Geological Field Methods - Geological Field Methods 2.0

GEOL421 Geological Mapping - Geological Mapping 2.0

GEOL435 Groundwater - Groundwater 3.0

HLTH324 Occupational Health & Safety - Occupational Health & Safety 3.0

HLTH480 International Health - International Health 3.0

IAS351R M U N Preparation - M U N Preparation - *You may take once* 0.5v

MKTG201 Marketing Management - Marketing Management 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

# BYU

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

POLI321 Media in American Politics - Media in American Politics 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

PWS100 Plants in the Environment - Plants in the Environment 3.0

PWS150 Environmental Biology - Environmental Biology 3.0

PWS215 Principles of Range Management - Principles of Range Management 3.0

PWS225 Prin of Wildlife & Fishery Mgt - Prin of Wildlife & Fishery Mgt 3.0

PWS272 Coding for Genetic Analysis - Coding for Genetic Analysis 3.0

PWS275 Genetics & Reproduction - Genetics & Reproduction 3.0

PWS303 Soils Conservation & Resources - Soils Conservation & Resources 3.0

PWS325 Fisheries & Wetlands Mgt - Fisheries & Wetlands Mgt 3.0

PWS330 Rangeland Plant ID & Ecology - Rangeland Plant ID & Ecology 3.0

PWS331 Sci of Plant Pest Control - Sci of Plant Pest Control 3.0

PWS340 Genetics - Genetics 3.0

PWS344 Natural History of Wildlife - Natural History of Wildlife 3.0

PWS350 Rangeland Ecology - Rangeland Ecology 3.0

PWS355 Rangeland Veg Measurements - Rangeland Veg Measurements 3.0

PWS402 Soils & Water in Urban Environ - Soils & Water in Urban Environ 3.0

PWS405 Environmental Chemistry Lab - Environmental Chemistry Lab 2.0

PWS411 Watershed Management - Watershed Management 3.0

PWS416 Rangeland Improvement - Rangeland Improvement 3.0

PWS419 Forest Management & Ecology - Forest Management & Ecology 3.0

PWS431 Plant Health Diagnostics - Plant Health Diagnostics 3.0

PWS472 Conservation Genomics - Conservation Genomics 3.0

PWS505 Aquatic&Terrestrial Biogeochem - Aquatic&Terrestrial Biogeochem 3.0

PWS511 Environmental Biophysics - Environmental Biophysics 4.0

PWS540 Plant Response Environment - Plant Response Environment 3.0

PWS551 Quantitative Ecology - Quantitative Ecology 3.0

PWS553 Restoration Ecology - Restoration Ecology 3.0

PWS560 Quantitative Environ Chemistry - Quantitative Environ Chemistry 2.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC422 Inequality & Society - Inequality & Society 3.0

STRAT489 Agribusiness Management 2 - Agribusiness Management 2 3.0

## 322622 - Accounting (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Accounting | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 64 | 64 |

**Major Academic Plan**
MAP - BS in Accounting 2023.pdf

| Title | Learning Outcome |
|---|---|
| Stronger Testimony of Jesus Christ | Express a stronger testimony of Jesus Christ and of his gospel. |
| Hard Work | Work hard and appreciate hard work. |
| Master Accounting and Business Content | Demonstrate mastery of content areas of accounting and business. |
| Think Critically | Think critically: Evaluate information objectively through research data analysis and technical knowledge resulting in high quality professional judgments. |
| Use Technology | Use Technology: Become comfortable and curious using technology to solve problems and enhance performance. |
| Interact with Others | Interact with others: Act ethically work well with others communicate effectively both orally and in writing appreciate and leverage diversity embrace culture and be able to lead and to follow. |

## 322629 - Information Systems (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Information Systems | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 64 | 64 |

**Major Academic Plan**
MAPS - BS in Information Systems 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1. Gain a Knowledge of Information Systems and Business | Program graduates will apply knowledge of information systems as well as general business to bridge the gap between technical and business personel. |
| 2. Create and Manage Organizational Technical Functions | Acquire deploy maintain and manage information technology systems infrastructure security resources and services |
| 3. Make Informed Business and Technical Decisions | Graduates will be able to make informed business and technical decisions and solve unstructured problems in a rapidly changing environment. |
| 4. Develop Lifelong Learning Skills | Graduates will be prepared to pursue lifelong learning. |

**Free Form Requirements**

**Requirement 1 — Complete 2 Requirements**

*Prerequisite courses: These courses are used in determining admission to the undergraduate Information Systems program.*

**Requirement 1.1 —Complete 2 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

**Requirement 1.2 —Complete 1 of 2 Courses**

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

| Title | Learning Outcome |
| --- | --- |
| Embrace Continuous Learning | Embrace continuous Learning: Actively engage in continuous improvement desirous and able to be self-taught and learn new concepts. |

Free Form Requirements

**Requirement 1 —Complete 3 Courses**

*Prerequisite courses:*

ACC200 Principles of Accounting - Principles of Accounting 3.0

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

*A.) A minimum of a B grade is required in ACC 200 and ACC 310 to apply. B.) Students can begin accounting major courses only Fall semester.*

**Requirement 2 —Complete 6 Courses**

ACC241 Business Law - Business Law 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Management Communication 3.0

MKTG201 Marketing Management - Marketing Management 3.0

**Requirement 3 —Complete 9 Courses**

*Junior Core courses:*

ACC401 Bus & Acc Info Systems - Bus & Acc Info Systems 3.0

ACC402 Cost & Managerial Accounting - Cost & Managerial Accounting 3.0

ACC403 Interm Financial Accounting 1 - Interm Financial Accounting 1 3.0

ACC404 Financial Accounting 2 - Financial Accounting 2 3.0

ACC405 Fundamentals of Taxation - Fundamentals of Taxation 3.0

ACC406 Financial Statement Auditing - Financial Statement Auditing 3.0

ACC407 Data Analytics in Accounting - Data Analytics in Accounting 3.0

ACC408 Critical Thinking - Critical Thinking 1.5

ACC409 Integrated Topics - Integrated Topics 1.5

**Requirement 4 —Complete 1 Requirement**

*Business Core courses:*

**Requirement 4.1 —Complete 6 Courses**

FIN402 Managerial Finance - Managerial Finance 3.0

GSCM301 Global Supply Chain Mgt - Global Supply Chain Mgt 1.5

GSCM311 GSCM International - GSCM International 1.5

[illegible]

IS303 Intro Computer Programming - Intro Computer Programming 3.0

*Apply and be formally accepted into the program.*

**Requirement 2 —Complete 6 Courses**

*Note: It is strongly recommended that STAT 121 be completed before entering the IS core. It is strongly encouraged to have M COM 320 completed before the IS core.*

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 3 —Complete 9 Courses**

IS401 Proj management & sys design - Systems Analysis & Design 3.0

IS402 Database Systems - Database Systems 3.0

IS403 Prin of Business Programming - Prin of Business Programming 3.0

IS404 Data Communications - Data Communication 3.0

12588-000 - Missing course - IS Project Management 3.0

IS413 Enterprise Application Devel - Enterprise Application Devel 3.0

IS414 IS Security & Controls - IS Security & Controls 3.0

IS415 Exploratory Data Analysis - Machine Learning 3.0

IS455 Machine Learning - Predictive Analytics 3.0

**Requirement 4 —Complete 5 Courses**

*Business Core courses:*

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

MSB390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Marriott School exit survey online.

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

MSB571 Ethics for Accounting - Ethics for Accounting 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

Note: If completing the MAcc, these courses will be replaced by MAcc courses.

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Marriott School exit survey online.

**Degree Map Name**
BS in Accounting (322622) MAP
**Total Degree Map Credits**
120
**Degree Map Effective Catalog Year**
2023-24 -
**Degree Map Narrative**
BYU Marriott majors are limited-enrollment programs and the application process is competitive. For assistance in preparing for the application process, it is highly recommended that students visit the BYU Marriott Undergraduate Advisement Center. Applicants may apply to the BYU Marriott School of Business as soon as they have completed the prerequisite courses. Most applicants apply after their sophomore year. Each program starts at the beginning of a new academic year. Deadline to apply for Fall is the last working day of June by 4:30 p.m.

## THE DISCIPLINE

Accounting has been called the language of business in which accountants control, analyze, report, and utilize financial and other data of an enterprise to make critical business decisions. A good understanding of accounting principles and practices can serve as the basis for a career in any business field.

## CAREER OPPORTUNITIES

Accountants provide critical input and guidance in profit-seeking organizations, service and charitable organizations, educational institutions, government, public accounting firms, and indeed, in any organization that exists today.

## GENERAL INFORMATION

Students are encouraged to apply to BYU Marriott as soon as they have completed the prerequisite courses. For more information about the accounting program, visit https://marriottschool.byu.edu/acc/

## APPLICATION INFORMATION

All students entering BYU Marriott commence their study at the beginning of fall semester. Students applying at the end of their freshman year will be admitted to begin the fall semester of their junior year. Admission is based on the following: Prerequisite GPA, Essay, Review of overall academic record, Professionalism, Prerequisite courses must be completed before the application deadline. Any application with a prerequisite GPA below a 3.0 will not be considered. When prerequisite GPA is calculated, repeated or transferred courses will be discounted.

**Applicants must receive at least a B in both ACC 200 and ACC 310

*Applicants must receive at least a B in both ACC 200 and ACC 310 in order to be eligible to apply. Note: Repeating of any prerequisite course to improve grades is permissible, but they will be discounted one third of a grade point (e.g., A to A-, A- to B+, etc.).Any application with a prerequisite GPA below a 3.0 will not be considered. When prerequisite GPA is calculated, repeated or transferred courses will be discounted.

**Applicants must receive at least a B in both ACC 200 and ACC 310 in order to be eligible to apply. Note: Repeating of any prerequisite course to improve grades is permissible, but they will be discounted one third of a grade point (e.g., A to A-, A- to B+, etc.).

## TRANSFER INFORMATION

Transfer equivalencies for the following courses will not be considered: ACC 310, FIN 201, IS 201, and M COM 320.

### Leave of Absence

If a student must leave the program for a mission, military service, or other reason, a leave of absence request form is required. A prompt return to the program is required. Students who have interrupted their SOA education for more than two years without prior approval will be required to meet the requirements of the program in effect at re-acceptance.

### Note 1

Upper division accounting class credits earned prior to five years before graduation may not be used to meet specific graduation requirements for the BS degree.

## BS ACCOUNTING CONCURRENT WITH MAcc

The first year of the SOA program must be completed with a minimum 3.0 GPA to be eligible to apply for continuation into the Master of Accountancy program. The business core courses are replaced by the MAcc graduate core. Students planning to pursue a Master of Accountancy degree should not take the undergraduate business core courses.

| Year | Semester | Credits | Progress Credits |
|---|---|---|---|
| Freshman Year | Semester 1 | 15 | 0 |

**Requirement Select**
- First Year Writing (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- IS 110 - Spreadsheet Skills and Business Analysis

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |

| | |
|---|---|
| **Credits** | 1 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- ACC 200 - Principles of Accounting

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- Religion Cornerstone (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 2 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- General Education (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 6 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

| Year | Semester | Credits | Progress Credits |
|---|---|---|---|
| Freshman Year | Semester 2 | 15 | 0 |

**Requirement Select**
- ACC 310 - Principles of Accounting 2

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- IS 201 - Introduction to Information Systems

- IS 201 - Introduction to Information Systems

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**

- MSB 180 - Business Career Lecture Series

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | Recommended |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 1 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**

- Religion Cornerstone (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 2 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**

- General Education (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 6 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

| Year | Semester | Credits | Progress Credits |
|---|---|---|---|
| Sophomore Year | Semester 3 | 15 | 0 |

**Requirement Select**

- MKTG 201 - Marketing Management

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |

| | |
|---|---|
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- FIN 201 - Principles of Finance

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- STAT 121 - Principles of Statistics

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- Religion Cornerstone (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 2 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- General Education (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- Open Elective (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |

| | |
|---|---|
| **Credits** | 1 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

| Year | Semester | Credits | Progress Credits |
|---|---|---|---|
| Sophomore Year | Semester 4 | 15 | 0 |

**Requirement Select**
- ECON 110 - Economic Principles and Problems

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- M COM 320 - Management Communication

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- Religion Cornerstone (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 2 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- General Education (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 6 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- Open Elective (Generic)

- Open Elective (Generic)

**Course Requirement Group**
**Course Requirement Group (Free Text)** -
**Minimum Grade** -
**Area** -
**Credits** 1
**Progress Credits** -
**Contact Hours** -
**Clinical** -
**Criticality** No

| Year | Semester | Credits | Progress Credits |
|---|---|---|---|
| Junior Year | Semester 5 | 14 | 0 |

**Requirement Select**
- ACC 401 - Business and Accounting Information Systems

**Course Requirement Group**
**Course Requirement Group (Free Text)** -
**Minimum Grade** -
**Area** -
**Credits** 3
**Progress Credits** -
**Contact Hours** -
**Clinical** -
**Criticality** No

**Requirement Select**
- ACC 403 - Intermediate Financial Accounting 1

**Course Requirement Group**
**Course Requirement Group (Free Text)** -
**Minimum Grade** -
**Area** -
**Credits** 3
**Progress Credits** -
**Contact Hours** -
**Clinical** -
**Criticality** No

**Requirement Select**
- ACC 406 - Financial Statement Auditing

**Course Requirement Group**
**Course Requirement Group (Free Text)** -
**Minimum Grade** -
**Area** -
**Credits** 3
**Progress Credits** -
**Contact Hours** -
**Clinical** -
**Criticality** No

**Requirement Select**
- ACC 407 - Data Analytics in Accounting

**Course Requirement Group**
**Course Requirement Group (Free Text)** -
**Minimum Grade** -
**Area** -
**Credits** 3
**Progress Credits** -
**Contact Hours** -

| | |
|---|---|
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- Religion Elective (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 2 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

| Year | Semester | Credits | Progress Credits |
|---|---|---|---|
| Junior Year | Semester 6 | 14 | 0 |

**Requirement Select**
- ACC 402 - Cost and Managerial Accounting

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- ACC 404 - Financial Accounting 2

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- ACC 405 - Fundamentals of Taxation.

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- ACC 408 - Critical Thinking in Accounting

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |

| | |
|---|---|
| Text) | |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 1.5 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- ACC 409 - Integrated Topics in Accounting

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 1.5 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- Religion Elective (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 2 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

| Year | Semester | Credits | Progress Credits |
|---|---|---|---|
| Senior Year | Semester 7 | 16 | 0 |

**Requirement Select**
- GSCM 301 - Global Supply Chain Management for Accountants

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 1.5 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- GSCM 311 - Supply Chain Management in International Business for Accountants

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 1.5 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |

| | |
|---|---|
| **Criticality** | No |

**Requirement Select**
- FIN 402 - Managerial Finance for Non-Finance Majors

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- MSB 571 - Ethics for Accounting Professionals

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- HRM 391 - Organizational Effectiveness

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 3 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- Religion Elective (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 2 |
| **Progress Credits** | - |
| **Contact Hours** | - |
| **Clinical** | - |
| **Criticality** | No |

**Requirement Select**
- Open Elective(s) (Generic)

| | |
|---|---|
| **Course Requirement Group** | |
| **Course Requirement Group (Free Text)** | - |
| **Minimum Grade** | - |
| **Area** | - |
| **Credits** | 2 |

| | |
|---|---|
| Credits | 2 |
| Progress Credits | - |
| Contact Hours | - |
| Clinical | - |
| Criticality | No |

| Year | Semester | Credits | Progress Credits |
|---|---|---|---|
| Senior Year | Semester 8 | 16 | 0 |

**Requirement Select**
- ACC 241 - Business Law in the Environment

| | |
|---|---|
| Course Requirement Group | |
| Course Requirement Group (Free Text) | - |
| Minimum Grade | - |
| Area | - |
| Credits | 3 |
| Progress Credits | - |
| Contact Hours | - |
| Clinical | - |
| Criticality | No |

**Requirement Select**
- STRAT 392 - Strategy and Economics

| | |
|---|---|
| Course Requirement Group | |
| Course Requirement Group (Free Text) | - |
| Minimum Grade | - |
| Area | - |
| Credits | 3 |
| Progress Credits | - |
| Contact Hours | - |
| Clinical | - |
| Criticality | No |

**Requirement Select**
- Open Electives (Generic)

| | |
|---|---|
| Course Requirement Group | |
| Course Requirement Group (Free Text) | - |
| Minimum Grade | - |
| Area | - |
| Credits | 10 |
| Progress Credits | - |
| Contact Hours | - |
| Clinical | - |
| Criticality | No |

| Total General Education Credits | Total Major Credits |
|---|---|
| 0 | 0 |
| **Total Minor Credits** | **Total Elective Credits** |
| 0 | 0 |

## 323134 - General Studies: Business (BGS)

### Program Information

| Program Title | Degree |
|---|---|
| General Studies: Business (BGS) | BGS |
| **Variable Credit Min** | **Variable Credit Max** |
| 34 | 34 |
| **Major Academic Plan** | |

## 323401 - Healthcare Leadership (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Healthcare Leadership | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 16 |
| **Free Form Requirements** | |

MAPS - BGS in General Studies - Business 2023-2024.pdf

| Title | Learning Outcome |
| --- | --- |
| BGS Learning Outcome - Aims of a BYU Education | Reflect on and describe how their coursework in the BGS program has contributed to the aims of a BYU education: Spiritually strengthening Character building Intellectually enlarging Preparing for lifelong learning and service. |

| Title | Learning Outcome |
| --- | --- |
| Management Skills | Demonstrate knowledge of basic management skills including accounting, finance, marketing, organizational behavior, and human resource management. |

| Title | Learning Outcome |
| --- | --- |
| Business Ethics and Decision Making | Demonstrate an understanding of principles of ethics and be able to make and defend moral and ethical business decisions. |

**Free Form Requirements**

*Have 27 hours of campus residency.*

*Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.*

*Thirty of the 120 hours must be 300-level or above courses.*

*The IS 110, MSB 360, and M Com 320 requirements must be filled with credit less than 15 years old.*

*All emphasis courses taken after admission to BGS must be BYU courses.*

*Students must earn a minimum 2.0 BYU grade point average, a minimum 2.25 emphasis grade point average, and a minimum 2.0 cumulative grade point average.*

*The program must be completed in eight years or less.*

**Requirement 1 — Complete 1 Course**

*Prerequisite course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):*

STDEV100 Essential College Skills - Essential College Skills 1.0

**Requirement 2 — Complete 1 Course**

*Pre-core course:*

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

**Requirement 3 — Complete 3 Courses**

*Core 1 courses:*

ACC200 Principles of Accounting - Principles of Accounting 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

**Requirement 1 — Complete 2 Courses**

MSB288 Healthcare Industry Dynamics - Healthcare Industry Dynamics 3.0

MSB289R Healthcare Leadership Lectures - Healthcare Leadership Lectures - *You may take once* 1.0

**Requirement 2 — Complete 1 of 2 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

**Requirement 3 — Complete 3 of 6 Courses**

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

HLTH425 Vulnerable & Diverse Poplns - Vulnerable & Diverse Poplns 3.0

MSB382 Healthcare Delivery Management - Healthcare Delivery Management 3.0

MSB383 Healthcare Law and Regulations - Healthcare Law and Regulations 3.0

MSB385R Healthcare Industry Research - Healthcare Industry Research - *You may take once* 3.0

MSB386 Healthcare Finance - Healthcare Finance 3.0

MKTG201 Marketing Management - Marketing Management 3.0

**Requirement 4 — Complete 3 Courses**

*Core 2 courses:*

HRM300 Organizational Behavior - Organizational Behavior 3.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MSB360 Professional Ethics - Professional Ethics 3.0

**Requirement 5 — Complete 1 of 2 Courses**

FIN201 Principles of Finance - Principles of Finance 3.0

MSB250 Financial Management - Financial Management 3.0

**Requirement 6 — Complete 3 of 7 Courses**

*Elective courses: (BYU 300- and 400-level Marriott School courses completed before entering the BGS program may also be used to fill emphasis electives.)*

ACC300 Introduction to Accounting 2 - Introduction to Accounting 2 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN453 Money, Banking, & Business - Money, Banking, & Business 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

HRM413 Managerial Leadrshp Develpmnt - Managerial Leadrshp Develpmnt 3.0

MSB430 Intro International Business - Intro International Business 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 7 — Complete 1 Course**

*Complete a capstone experience (last course to be completed):*

STDEV490 BGS Capstone - BGS Capstone 2.0

## 323402 - Information Systems (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Information Systems | MIN |
| Variable Credit Min | Variable Credit Max |
| 19 | 19 |

Free Form Requirements

**Requirement 1 — Complete 4 Courses**

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

IS302 Intro Databases (Non-Majors) - Intro Databases (Non-Majors) 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

**Requirement 2 — Complete 2**

IS120 Intro to Web Development - Intro to Web Development 3.0

IS315 Intro to Python Data Analytics - Machine Learning I Non-Majors 3.0

IS355 Machine Learning Algorithms - Machine Learning 2 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

**Requirement 3 — Complete 3 hours**

ACC200 Principles of Accounting - Principles of Accounting 3.0

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

EXDM300 Creating a Good Life - Creating a Good Life 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

HRM300 Organizational Behavior - Organizational Behavior 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MSB201 Intro to Business - Intro to Business 3.0

MSB490R Topics in Business Management - Topics in Business Management - *You may take once* 0.5v

MSB494R On-Campus Experiential Project - On-Campus Experiential Project - *You may take once* 3.0

## 323411 - Strategy (Minor) *

### Program Information

| Program Title | Degree |
|---|---|
| Strategy | MIN |
| Variable Credit Min | Variable Credit Max |
| 24 | 24 |

Free Form Requirements

**Requirement 1 — Complete 3 Courses**

*Prerequisites:*

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

*Apply and be formally accepted into the program.*

**Requirement 2 — Complete 5 Courses**

STAT121 Principles of Statistics - Principles of Statistics 3.0

STRAT401 Strategy 1 - Strategy 1 3.0

STRAT402 Strategy Analytics 1 - Strategy Analytics 1 3.0

STRAT411 Strategy 2- Strategy 2 3.0

STRAT421 Strategy Implementation - Strategy Implementation 3.0

## 323412 - Global Business and Literacy (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Global Business and Literacy | MIN |
| Variable Credit Min | Variable Credit Max |
| 20 | 21 |

Free Form Requirements

## 323413 - Entrepreneurship (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Entrepreneurship | MIN |
| Variable Credit Min | Variable Credit Max |
| 15 | 17 |

Free Form Requirements

**Requirement 1 — Complete 2 Courses**

**Requirement 1 — Complete 6 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

MKTG201 Marketing Management - Marketing Management 3.0

MSB430 Intro International Business - Intro International Business 3.0

**Requirement 2 — Complete 1 Course**

*Complete one language course. Note: If MSB 596R is not available for your language, contact the Global Management Center (360 TNRB) about approving a Less Commonly Taught Language (LCTL) option. The LCTL does not count for university credit, but fulfills the Business Language requirement.*

MSB596R Business Language - Business Language - *You may take once* 3.0

**Requirement 3 — Complete 1 of 2 Options**

*Complete one literature or civilization course from the following. Note: If there is not an option listed for your language, contact the Liberal Arts Advisement Center (1041 JFSB) about approving a LCTL option.*

**Option 3.1 — Complete 1 of 20 Courses**

*Literature Courses:*

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take once* 2.0

ARAB425R Classical Arabic Texts - Classical Arabic Texts - *You may take once* 2.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

DANSH340 Danish Literature - Danish Literature 3.0

FINN340 Finnish Literature - Finnish Literature 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

GERM343 Intro to German Lit - Intro to German Lit 3.0

HEB432R Ancient Hebrew Texts - Ancient Hebrew Texts - *You may take once* 2.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

NORWE340 Norwegian Literature - Norwegian Literature 3.0

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

ENT113 Startup Bootcamp - Startup Bootcamp 1.0

**Requirement 2 — Complete 3 hours**

ACC200 Principles of Accounting - Principles of Accounting 3.0

EXDM300 Creating a Good Life - Creating a Good Life 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MSB201 Intro to Business - Introduction to Business 3.0

MSB341 Product Management - Product Management 3.0

**Requirement 3 — Complete 1 of 5 Courses**

ENT300 Starting a Business - Starting a Business 3.0

ENT301 Business Model Validation - Business Model Validation 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT441 Rapid Prod Innovation - Rapid Product Innovation & Development 1.5

ENT442 Ideation & Team Formation - Rapid Ideation & Team Formation 1.5

MSB341 Product Management - Product Management 3.0

**Requirement 4 — Complete 1 of 2 Courses**

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB342 Product Lecture Series - Product Career Lecture Series 1.0

MSB381R Social Impact Lectures - Social Impact Lecture Series 1.0

**Requirement 5 — Complete 6 hours**

*Courses used to fulfill Requirement 3 cannot be used to fill this requirement.*

ART340 Business Practices for Artists - App Creative/Critical Thinking 3.0

CH EN400 Creative Skill Chem Engr - Creative Skill Chem Engr 1.0

DES217 Design Thinking - Design Thinking 1.5

DESGD488 Studio Practices for Designers - Studio Practices for Designers 2.0

DESIL488 Prof Practices for Illustrator - Prof Practices for Illustrator 2.0

ENT300 Starting a Business - Starting a Business 3.0

ENT301 Business Model Validation - Business Model Validation 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

RUSS340 Russian Novel in English - Russian Novel in English 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SWED340 Swedish Literature - Swedish Literature 3.0

**Option 3.2 — Complete 1 of 15 Courses**

*Civilization Courses:*

ARAB423R Current Events in Arabic - Current Events in Arabic - *You may take once* 2.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

FREN361 French Civilization to 1715 - French Civilization to 1715 3.0

FREN362 French Civilization 1715-Pres - French Civilization 1715-Pres 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

02404-002 - Missing course - Cultural History of Germany 3.0

ITAL360 Italian Civilization to 1600 - Italian Civilization to 1600 3.0

ITAL361 Italian Civilization 1600-Pres - Italian Civilization 1600-Pres 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

KOREA345 Korean Culture - Korean Culture 3.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

*Note: Give attention to prerequisites for all courses.*

ENT323 Entrep Sales & Persuasion - Entrep Sales & Persuasion 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT425 Venture Capital for Startups - VC for Startups

ENT 427 - Building your Lean Venture

ENT441 Rapid Prod Innovation - Rapid Product Innovation & Development 1.5

ENT442 Ideation & Team Formation - Rapid Ideation & Team Formation 1.5

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

ENT490R Topics in Entrepreneurship - Topics in Entrepreneurship - *You may take once* 0.5v

EXDM300 Creating a Good Life - Creating a Good Life 3.0

IP&T461 Design Evaluation - Design Evaluation 3.0

MFGEN479 Innovation & Entrepreneurship - Innovation & Entrepreneurship 3.0

MSB341 Product Management - Product Management

MSB375 Social Impact - Social Impact 3.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

SFL488R Home-Based Entrepre - Home-Based Entrepre - *You may take once* 1.0

SOC321 Sociology of Innovation - Sociology of Innovation 3.0

## 323420 - Business (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Business | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 17 | 19 |

**Free Form Requirements**

**Requirement 1 — Complete 15 hours**

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

EXDM300 Creating a Good Life - Creating a Good Life 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

## 323432 - Finance (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Finance | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 64 | 67 |

**Major Academic Plan**

MAPS - BS in Finance.pdf

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Quantify risk make sound and ethical financial decisions in a risky environment and design financial strategies for managing business risks. |
| Understand and Manage Risk | |

| | |
|---|---|
| | **Learning Outcome** |
| | Acquire interpret and analyze |

HRM300 Organizational Behavior - Organizational Behavior 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MSB201 Intro to Business - Intro to Business 3.0

**Requirement 2 — Complete 1 of 3 Courses**

FIN487R Capital Markets Academy - Capital Markets Academy - *You may take once* 3.0

MSB492R Social Impact Projects - Social Impact Internship - *You may take once* 3.0

MSB494R On-Campus Experiential Project - On-Campus Experiential Project - *You may take once* 3.0

**Requirement 3 — Complete 1 of 4 Courses**

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB289R Healthcare Leadership Lectures - Healthcare Leadership Lectures - *You may take once* 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

MSB381R Social Impact Lectures - Social Impact Lectures - *You may take once* 1.0

*Transfer equivalencies for FIN 201 and IS 201 will not be accepted.*

| | |
|---|---|
| Title<br>Analyze Financial Data | Learning Outcome<br>accounting economic and financial data to facilitate decision making in corporate and investment environments in both personal and professional settings. |

| | |
|---|---|
| Title<br>Calculate/Interpret Metrics | Learning Outcome<br>Make and effectively communicate sound and ethical financial decisions by calculating and interpreting standard financial-decision metrics such as NPV IRR duration Sharpe Ratio YTM and OAS. |

| | |
|---|---|
| Title<br>Perform Estimation/Optimization Procedures | Learning Outcome<br>Use standard data resources and software (such as Excel) to model asset valuation construct optimal portfolios and perform other useful estimation or optimization procedures. |

Free Form Requirements

**Requirement 1 — Complete 2 Requirements**

*Course Prerequisites*

**Requirement 1.1 —Complete 2 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

**Requirement 1.2 —Complete 3 hours**

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

MATH118 Finite Mathematics - Finite Mathematics 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

*Apply and be formally accepted into the program.*

**Requirement 2 — Complete 4 Courses**

*Required courses. May be completed before admission to the major.*

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

MATH118 Finite Mathematics - Finite Mathematics 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 3 — Complete 1 of 2 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH116 Essentials of Calculus - Essentials of Calculus 1.0

**Requirement 4 — Complete 5 Courses**

*Complete the following Finance core courses during the first year in the major:*

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

FIN326 Professional Development - Professional Development 0.5v

FIN401 Adv Financial Management - Adv Financial Management 3.0

FIN410 Investments - Investments 3.0

FIN453 Money, Banking, & Business - Money, Banking, & Business 3.0

**Requirement 5 — Complete 3 Courses**

*May be completed before or after acceptance into major.*

ACC241 Business Law - Business Law 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

**Requirement 6 — Complete 1 Course**

FIN411 Financial Derivatives - Financial Derivatives 3.0

**Requirement 7 — Complete 6 Courses**

*Complete the following Business Core courses:*

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MSB390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

**Requirement 8 — Complete 2 of 13 Courses**

ACC440 Corp Fin Reporting - Corp Fin Reporting 3.0

FIN409 Modeling and Valuation - Modeling and Valuation 3.0

FIN413 Real Estate Finance & Invstmnt - Real Estate Finance & Invstmnt 3.0

FIN414 Real Estate Development - Real Estate Development 3.0

FIN415R Silver Fund - Portfolio Management - *You may take once* 3.0

12009-002 - Missing course - Adv. Fin. & Strat. Analysis 3.0

FIN420 Fixed Income Asset Management - Asset Management 3.0

FIN425 PE and VC - PE and VC 3.0

FIN432 International Finance - International Corp Finance 3.0

FIN510 CFA Preparation - CFA Preparation 3.0

MBA521 Global Treasury Management - Global Treasury Management 3.0

**Requirement 9 — Complete 1 of 4 Courses**

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

MSB381R Social Impact Lectures - Social Impact Lectures - *You may take once* 1.0

**Requirement 10 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Marriott School exit survey online.

## 326420 - Entrepreneurial Management (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Entrepreneurial Management | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 64 | 64 |

**Major Academic Plan**

MAPS - BS in Entrepreneurial Management 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Innovate | Innovate to solve real-world problems. |

| Title | Learning Outcome |
|---|---|
| Create New Businesses | Create and manage new business that solve customer problems. |

| Title | Learning Outcome |
|---|---|
| Manage Uncertainty | Recognize sources of uncertainty and apply principles of search and testing to resolve the uncertainty faced in the entrepreneurial environment. |

**Free Form Requirements**

**Requirement 1 — Complete 3 Courses**

ENT113 Startup Bootcamp - Startup Bootcamp 1.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

*Apply and be formally accepted into the program.*

**Requirement 2 —Complete 9 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

## 326425 - Marketing (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Marketing | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 64 | 64 |

**Major Academic Plan**

MAP - BS in Marketing 2023.pdf

| Title | Learning Outcome |
|---|---|
| Conducting Marketing Research | Use the marketing research process to define a problem/opportunity design the research project collect data analyze data and take action. Generate a survey instrument know how and when to apply statistical techniques (t-tests cross tabs/chi square ANOVA correlation and regression) and conduct conjoint analysis. |

| Title | Learning Outcome |
|---|---|
| Generating Consumer Insights | Find novel and effective ways to profitably meet and exceed customer needs and desires through a deep understanding of consumer psychology. |

| Title | Learning Outcome |
|---|---|
| Advertising and Promotion Management | Use professional skills to plan design and critically evaluate marketing communications. |

| Title | Learning Outcome |
|---|---|
| Developing a marketing strategy | Develop and implement a marketing strategy to address a specific target market with a cohesive marketing mix of product price promotion and place. |

GSCM 310 - GSCM International 1.5

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MSB325 Intro Business Analytics - Intro Business Analytics 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 3 —Complete 1 of 2 Courses**

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB342 Product Lecture Series – Product Career Lecture Series 1.0

MSB381R Social Impact Lectures – Social Impact Lecture Series 1.0

**Requirement 4 —Complete 3 Requirements**

**Requirement 4.1 —Complete 6 Courses**

*Complete the Entrepreneurship Core courses:*

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

ENT326 Career Development - Career Development 1.0

ENT401 Entrepreneurial Innovation - Entrepreneurial Innovation 3.0

ENT402 Entrepreneurship Analytics - Entrepreneurship Analytics 3.0

ENT411 Creating New Ventures - Creating New Ventures 3.0

ENT436 Experiential Entrepreneurship - Experiential Entrepreneurship 3.0

**Requirement 4.2 —Complete 6 hours**

*Complete two Entrepreneurship Elective courses:*

ENT323 Entrep Sales & Persuasion - Entrep Sales & Persuasion 3.0

ENT421 Financing New Ventures - Financing New Ventures 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT425 Venture Capital for Startups - Venture Capital for Startups 3.0

ENT427 Building Your Lean Venture - Building Your Lean Venture 3.0

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

ENT437 Entrepreneurship Capstone - Entrepreneurship Capstone 3.0

ENT442 Ideation & Team Formation – Rapid Ideation & Team Formation 3.0

ENT445R SW PM Lecture Series – Software Product Management Lecture Series 3.0

ENT478 Venture Studio Practicum - Venture Studio Practicum 3.0

ENT490R Topics in Entrepreneurship - Topics in Entrepreneurship - *You may take once* 0.5v

FIN425 PE and VC - PE and VC 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

| | |
|---|---|
| Title | Learning Outcome |
| Specialization Track | Marketing students should through their selection of electives develop deep skills in at least one of the following areas: digital marketing marketing analytics or professional sales. Digital Marketing - Improve website performance through implementation of the following tactics: web design search engine optimization paid search advertising display advertising email marketing social media and more. Marketing Analytics - Generate market insights and inform profitable marketing decisions through analysis of primary and secondary data. Students develop fluency in statistical programming and apply it to execute a variety of projects both common and emerging in the practice of marketing analytics. Professional Sales - Improve company profits by facilitating and managing customer exchange relationships. |

Free Form Requirements

**Requirement 1 — Complete 2 Requirements**

**Requirement 1.1 —Complete 2 Courses**

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

**Requirement 1.2 —Complete 3 hours**

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

STAT121 Principles of Statistics - Principles of Statistics 3.0

*Apply and be formally accepted into the program.*

**Requirement 2 —Complete 6 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MSB341 Product Management – Product Management 3.0

**Requirement 4.3 —Complete 1 of 4 Courses**

*Capstone course. A course used in this requirement will not double count in the requirement above.*

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

ENT437 Entrepreneurship Capstone - Entrepreneurship Capstone 3.0

ENT478 Venture Studio Practicum - Venture Studio Practicum 3.0

**Requirement 5 —Complete 2 Courses**

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

MSB390 Ethics for Management - Ethics for Management 3.0

**Requirement 6 —Complete 1 of 27 Courses**

*Complete one additional 3.0 credit hour Marriott School course. Courses used to fulfill Requirement 5 cannot be used to fill this requirement.*

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ENT323 Entrep Sales & Persuasion - Entrepreneurial Sales & Persuasion 3.0

ENT421 Financing New Ventures - Financing New Ventures 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT425 Venture Capital for Startups - Venture Capital for Startups 3.0

ENT427 Building Your Lean Venture - Building Your Lean Venture 3.0

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

FIN312 Investments Academy - Investments Academy 3.0

FIN425 PE and VC - PE and VC 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM414 Intro to Sustainable Business Intro to Sustainable Business

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

HRM413 Managerial Leadrshp Develpmnt - Managerial Leadrshp Develpmnt 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

**Requirement 3 —Complete 1 of 4 Courses**

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

MSB 381R - Social Innovation Lectures - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0

**Requirement 4 —Complete 1 of 2 Courses**

ACC241 Business Law - Business Law 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

**Requirement 5 —Complete 5 Courses**

*Marketing Core courses:*

MKTG326 Career Development - Career Development 1.0

MKTG401 Marketing Research - Marketing Research 3.0

MKTG402 Consumer Behavior - Consumer Behavior 3.0

MKTG403 Advertising & Promotion Mgmt - Advertising & Promotion Mgmt 3.0

MSB325 Intro Business Analytics - Intro Business Analytics 3.0

**Requirement 6 —Complete 2 Courses**

MKTG380 Marketing Lecture Series - Marketing Lecture Series 1.0

MKTG429 Marketing Strategy - Marketing Strategy 3.0

**Requirement 7 —Complete 5 Courses**

*Business Core courses:*

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

MSB390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

**Requirement 8 —Complete 3 of 11 Courses**

*Electives:*

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

MKTG411 Marketing Analytics - Marketing Analytics 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG413 Retailing Management - Retailing Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MKTG416 International Marketing - International Marketing 3.0

MKTG417 Creativity & Design in MKTG - Creativity & Design in MKTG 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MKTG416 International Marketing - International Marketing 3.0

MKTG418 Pricing Strategy 3.0

MKTG422 Business to Business Selling Business to Business Selling 3.0

MSB341 Product Management – Product Management 3.0

MSB375 Social Impact - Social Impact 3.0

MSB430 Intro International Business - Intro International Business 3.0

**Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Marriott School exit survey online.

3.0

MKTG418 - Pricing Strategies 3.0

MKTG422 Business to Business Selling - Advanced Sales 3.0

MKTG425 Advanced Digital Marketing - Advanced Digital Marketing 3.0

MKTG585R Pre-PhD Marketing Seminar - Pre-PhD Marketing Seminar - *You may take once* 3.0

**Requirement 9 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Marriott School exit survey online.

## 326426 - Business Management (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Business Management | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 64 | 64 |

**Major Academic Plan**

MAP - BS in Business Management 2023-2023.pdf

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | When confronted with a business situation or problem use appropriate strategic thinking frameworks to analyze information and make decisions that will maximize organizational performance. |
| Critical Thinking: Applying Strategic Frameworks | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Accurately interpret evidence reports and graphical depictions of business datafrom a variety of sources to assess business performance and identify key issues. |
| Critical Thinking: Drawing Conclusions from Business Reports | |

| | |
|---|---|
| | **Learning Outcome** |
| | Students compose a variety of commonly occurring business texts such as emails letters memos PowerPoint presentations SlideDocs reports and newsletter articles. Students must demonstrate effectiveness |

## 326427 - Global Supply Chain Management (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Global Supply Chain Management | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 64 | 64 |

**Major Academic Plan**

MAPS - BS in Global Supply Chain Management 2023-2024.pdf

| | |
|---|---|
| | **Learning Outcome** |
| | Students will be able to use commonly accepted frameworks and tools to analyze supply chain situations. Students will be able to evaluate opportunities for process improvement efficiency improvement effectiveness improvement and integration Students will be able to create rationale solutions for identified opportunities. Students will understand inventory management principles operations management principles supplier management principles TQM principles transportation management principles service-operation-management principles and warehousing principles. Advisory board members rated this as a strength of the GSCM program. The advisory board recommended that leadership skills and project management skills were the only area where |

| | |
|---|---|
| **Title**<br>Communication: Composing Texts | in the design organization content and style of these documents. |
| **Title**<br>Communication: Oral Presentations | **Learning Outcome**<br>Give effective oral presentations with appropriate visual support achieving effectiveness in three categories: message media and messenger. |
| **Title**<br>Communication: Graphics (visualizing information) | **Learning Outcome**<br>Communicate information through effective visuals including charts graphs pictures and other graphics |
| **Title**<br>Ethical Reasoning: | **Learning Outcome**<br>Applying Frameworks to Resolve Ethical Dilemmas : Apply contemporary and classic frameworks in analyzing ethical dilemmas and suggest appropriate courses of action for resolving them. |
| **Title**<br>Ethical Reasoning | **Learning Outcome**<br>Applying Personal Values in Ethical Decisions: Identify and prioritize personal values and apply them in making ethical decisions. |
| **Title**<br>Ethical Reasoning | **Learning Outcome**<br>Discussing Moral Dilemmas Effectively :Engage in logically sound discussion about moral dilemmas using the language of business ethics. |
| **Title**<br>IT Literacy: Generating/Analyzing Data to Support Decisions | **Learning Outcome**<br>Manipulate and analyze data to make appropriate recommendations for managerial decision-making. |
| **Title**<br>IT Literacy: Computer Skills | **Learning Outcome**<br>Develop effective computer skills and literacy concerning computer hardware networking security organizational information systems |
| **Title**<br>Supply Chain Skills | graduates needed improvement. Students placed in National case competitions. MBA students placed 2nd at the TCU National Case Competition Internship reports from students report a feeling of being much better prepared than other interns in supply chain skills. |
| **Title**<br>Supply Chain Integration Skills | **Learning Outcome**<br>Students will be able to create strategies that lead to productive relationships effective communication and efficient processes to integrate supply chain members andcustomers. |
| **Title**<br>Global Competence | **Learning Outcome**<br>Students will be able to apply understanding of the global implications of supply chain management. The entire coursework of GSCM 310 reflects the global nature of supply chain. Specifically this class has created better understanding of how culture affects international negotiations. The logistics issues that arise due to differing laws and differing country strategic issues. The operations issues associated with differing emphasis in different countries. Students will apply PEST and display a cultural awareness in negotiations and dealings with global citizens. Pest and other paradigms are taught in purchasing logistics supply chain strategy GSCM 310. |
| **Title**<br>Supply Chain Analytics Skills | **Learning Outcome**<br>Students will be able to interrogate data manipulate data and create meaning through commonly used analytical tools Students showed competence in this area. A team of BYU GSCM students came in second at a National Analytics competition at Michigan State University. |
| | **Learning Outcome**<br>Students will be able to describe the ethical and professional standards expected among supply chain management professionals. Each class taught |

Free Form Requirements

**Requirement 1 — Complete 2 Requirements**

*Prerequisites:*

**Requirement 1.1 — Complete 2 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

**Requirement 1.2 — Complete 3 hours**

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

IS303 Intro Computer Programming - Intro Computer Programming 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

*Apply and be formally accepted into the program.*

**Requirement 2 — Complete 6 Courses**

*Complete the following required courses prior to the Business Core:*

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 3 — Complete 2 of 6 Courses**

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

GSCM380 GSCM Lecture Series - GSCM Lecture Series 1.0

HRM380 HRM Lecture Series - HRM Lecture Series 1.0

MKTG380 Marketing Lecture Series - Marketing Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

MSB381R Social Impact Lectures – Social Impact Lecture Series 1.0

**Requirement 4 — Complete 1 of 2 Courses**

ACC241 Business Law - Business Law 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

**Requirement 5 — Complete 1 Requirement**

*Business Core courses:*

**Requirement 5.1 — Complete 7 Courses**

GSCM 305 - Intro Global Supply Chain Mgt 1.5

| | |
|---|---|
| Title<br>Supply Chain Ethics | in the GSCM major takes at least one class period to discuss supply chain ethics. Exams and projects help students understand the ethicaldilemmas they might face. |

| | |
|---|---|
| Title<br>Communication Skills | Learning Outcome<br>Students will be able to write and present in a clear, concise, and comprehensive manner Students reported back from their summer internships that this was an area where BYU GSCM students clearly are better prepared from interns from other schools. Students are expected to give high quality presentations often throughout the semester. For instance each student must present at least 5 times in the logistics class. |

| | |
|---|---|
| Title<br>Information Technology Skills | Learning Outcome<br>Students will be familiar with the different types of information systems used in the supply chain and understand basic information technology integration. We have had guest speakers come to discuss these issues - however there is an urgent need to hire a faculty member with an understanding in this area. The GSCM advisory board has identified this an area of importance. |

Free Form Requirements

**Requirement 1 — Complete 2 Requirements**

**Requirement 1.1 —Complete 2 Courses**

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

**Requirement 1.2 —Complete 3 hours**

ACC200 Principles of Accounting - Principles of Accounting 3.0

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

IS303 Intro Computer Programming - Intro Computer Programming 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

GSCM 310 - GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

MSB325 Intro Business Analytics - Intro Business Analytics 3.0

MSB326 Career Development - Career Development 1.0

MSB390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

**Requirement 6 — Complete 7 of 27 Courses**

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ENT401 Entrepreneurial Innovation - Entrepreneurial Innovation 3.0

ENT411 Creating New Ventures - Creating New Ventures 3.0

ENT421 Financing New Ventures - Financing New Ventures 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT425 Venture Capital for Startups - Venture Capital for Startups 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

EXDM302 Hospitality Management – Hospitality Management 3.0

EXDM306 Festivals and Events – Community Festivals and Special Events 3.0

EXDM307 Sport & Entrtnmnt Venue Mngmnt – Sport and Entertainment Venue Management 3.0

EXDM418 Designing for Inc & Belonging – Diversity, Equity, and Inclusion in Experience Design 3.0

FIN402 Managerial Finance - Managerial Finance 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM414 Intro to Sustainable Business - Intro to Sustainable Business 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

HRM413 Managerial Leadrshp Develpmnt - Managerial Leadrshp Develpmnt 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MKTG416 International Marketing - International Marketing 3.0

MKTG418 – Pricing Strategies 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

*Apply and be formally accepted to the program.*

**Requirement 2 —Complete 10 courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

GSCM380 GSCM Lecture Series - GSCM Lecture Series 1.0

GSCM412 Operations Analytics - Operations Analytics 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 3 —Complete 1 Course**

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

MSB 381R - Social Innovation Lectures - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0

**Requirement 4 —Complete 5 Courses**

*GSCM Core courses to be completed during first Fall semester in program:*

GSCM326 Career Development - Career Development 1.0

GSCM401 Operations Management - Operations Management 3.0

GSCM402 Quality Management - Quality Management 3.0

GSCM403 Purchasing/Supply Management - Purchasing/Supply Management 3.0

GSCM404 Supply Chain Logistics - Supply Chain Logistics 3.0

**Requirement 5 —Complete 2 Courses**

*Complete 2 of the following courses, not already completed, during first Winter semester in program:*

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM414 Intro to Sustainable Business - Intro to Sustainable Business 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

GSCM585 Scholarly Research in GSCM - Scholarly Research in GSCM 3.0

**Requirement 6 —Complete 1 Course**

GSCM429 Global Supply Chain Strategy - Global Supply Chain Strategy

MKTG422 Business to Business Selling - Advanced Sales 3.0

MKTG425 Advanced Digital Marketing – Advanced Digital Marketing 3.0

MSB288 Healthcare Industry Dynamics – Healthcare Industry Dynamics 3.0

MSB430 Intro International Business - Intro International Business 3.0

MSB494R On-Campus Experiential Project - On-Campus Experiential Project - *You may take once* 3.0

**Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:**

Complete BYU Marriott exit survey online.

GSCM429 Global Supply Chain Strategy - Global Supply Chain Strategy 3.0

**Requirement 7 —Complete 3 Courses**

*Business Core courses:*

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

MSB390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

**Requirement 8 —Complete 3 hours**

*Complete one additional, not already completed, 3.0 credit hour Marriott School course:*

ACC241 Business Law - Business Law 3.0

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

ENT401 Entrepreneurial Innovation - Entrepreneurial Innovation 3.0

ENT411 Creating New Ventures - Creating New Ventures 3.0

ENT421 Financing New Ventures - Financing New Ventures 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

FIN312 Investments Academy - Investments Academy 3.0

FIN418 Financial Planning - Financial Planning 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM412 Operations Analytics - Operations Analytics 3.0

GSCM414 Intro to Sustainable Business - Intro to Sustainable Business 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

HRM413 Managerial Leadrshp Develpmnt - Managerial Leadrshp Develpmnt 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MKTG416 International Marketing - International Marketing 3.0

MKTG422 Business to Business Selling - Business to Business Selling 3.0

MSB325 Intro Business Analytics - Intro Business Analytics 3.0

MSB375 Social Impact - Social Impact 3.0

MSB430 Intro International Business - Intro International Business 3.0

MSB484 Corporate Social Impact - Corporate Social Impact 3.0

MSB492R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

MSB494R On-Campus Experiential Project - On-Campus Experiential Project - *You may take once* 3.0

**Requirement 9 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Marriott School exit survey online.

## 326432 - Human Resource Management (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Human Resource Management | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 64 | 64 |

**Major Academic Plan**

MAPS - BS in Human Resource Management 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Critical Thinking: Applying Strategic Frameworks | When confronted with a business situation or problem, use appropriate strategic thinking frameworks to analyze information and make decisions that will maximize organizational performance. |
| Critical Thinking: Drawing Conclusions from Business Reports | Accurately interpret evidence, reports, and graphical depictions of business data from a variety of sources to assess business performance and identify key issues. |
| Communication: Composing Texts | Students compose a variety of commonly occurring business texts such as emails, letters, memos, PowerPoint presentations, SlideDocs, reports, and newsletter articles. Students must demonstrate effectiveness in the design, organization, content, and style of these documents. |
| | Give effective oral presentations with appropriate visual support, |

## 326433 - Strategic Management (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Strategic Management | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 64 | 64 |

**Major Academic Plan**

MAP - BS in Strategic Management 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Critical Thinking: Applying Strategic Frameworks | When confronted with a business situation or problem use appropriate strategic thinking frameworks to analyze information and make decisions that will maximize organizational performance. |
| Critical Thinking: Adapting to Change | Assess and adapt to new information and changing environments |
| Critical Thinking: Drawing Conclusions from Business Reports | Accurately interpret evidence reports and graphical depictions of business datafrom a variety of sources to assess business performance and identify key issues. |
| Communication: Composing Texts | Students compose a variety of commonly occurring business texts such as emails letters memos PowerPoint presentations SlideDocs reports and newsletter articles. Students must demonstrate effectiveness in the design organization content and style of these documents. |

| Title | achieving effectiveness in three categories: message, media, and messenger. |
|---|---|
| Communication: Oral Presentations | |

| Title | Learning Outcome |
|---|---|
| Communication: Graphics (visualizing information) | Communicate information through effective visuals, including charts, graphs, pictures, and other graphics |

| Title | Learning Outcome |
|---|---|
| Applying Frameworks to Resolve Ethical Dilemmas | Apply contemporary and classic frameworks in analyzing ethical dilemmas and suggest appropriate courses of action for resolving them. |

| Title | Learning Outcome |
|---|---|
| Applying Personal Values in Ethical Decisions | Identify and prioritize personal values and apply them in making ethical decisions. |

| Title | Learning Outcome |
|---|---|
| Discussing Moral Dilemmas Effectively | Engage in logically sound discussion about moral dilemmas using the language of business ethics. |

| Title | Learning Outcome |
|---|---|
| IT Literacy: Generating/Analyzing Data to Support Decisions | Manipulate and analyze data to make appropriate recommendations for managerial decision-making. |

| Title | Learning Outcome |
|---|---|
| IT Literacy: Computer Skills | Develop effective computer skills and literacy concerning computer hardware, networking, security, organizational information systems |

Free Form Requirements

**Requirement 1 —Complete 2 Requirements**

**Requirement 1.1 —Complete 2 Courses**

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

**Requirement 1.2 —Complete 3 hours**

ACC200 Principles of Accounting - Principles of Accounting 3.0

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

| Title | Learning Outcome |
|---|---|
| Communication: Oral Presentations | Give effective oral presentations with appropriate visual support achieving effectiveness in three categories: message media and messenger. |

| Title | Learning Outcome |
|---|---|
| IT Literacy: Generating/Analyzing Data to Support Decisions | Manipulate and analyze data to make appropriate recommendations for managerial decision-making. |

| Title | Learning Outcome |
|---|---|
| IT Literacy: Data Storage and Extraction | Design build and query a database to apply correct principles of data storage and extraction. |

Free Form Requirements

**Requirement 1 — Complete 2 Requirements**

**Requirement 1.1 —Complete 2 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

**Requirement 1.2 —Complete 3 hours**

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM211 Intro to GSCM International - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

IS303 Intro Computer Programming - Intro Computer Programming 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

*Apply and be formally accepted into the program.*

**Requirement 2 —Complete 6 Courses**

*Complete the following required courses before the Business Core:*

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

IS303 Intro Computer Programming - Intro Computer Programming 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

*Apply and be formally accepted into the program.*

**Requirement 2 —Complete 7 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MSB325 Intro Business Analytics - Intro Business Analytics 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 3 —Complete 1 of 4 Courses**

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

MSB 381R - Social Innovation Lectures - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0

**Requirement 4 —Complete 1 of 2 Courses**

ACC241 Business Law - Business Law 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

**Requirement 5 —Complete 8 Courses**

*HRM Core courses:*

HRM326 Career Development - Career Development 1.0

HRM380 HRM Lecture Series - HRM Lecture Series 1.0

HRM401 Organizational Effectiveness - Organizational Effectiveness 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

HRM411 Organiztnl Developmnt & Change - Organiztnl Developmnt & Change 3.0

HRM412 Compnstn, Benefits, & Perf Mgt - Compnstn, Benefits, & Perf Mgt 3.0

HRM413 Managerial Leadrshp Develpmnt - Managerial Leadrshp Develpmnt 3.0

HRM421 HRM Implementation - HRM Implementation 3.0

**Requirement 6 —Complete 4 Courses**

**Requirement 3 —Complete 1 of 4 Courses**

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

**Requirement 4 —Complete 1 of 2 Courses**

ACC241 Business Law - Business Law 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

**Requirement 5 —Complete 9 Courses**

*Strategy Core courses:*

STRAT326 Career Development - Career Development 1.0

STRAT401 Strategy 1 - Strategy 1 3.0

STRAT402 Strategy Analytics 1 - Strategy Analytics 1 3.0

STRAT411 Strategy 2 - Strategy 2 3.0

STRAT412 Strategy Analytics 2 - Strategy Analytics 2 3.0

STRAT421 Strategy Implementation - Strategy Implementation 3.0

STRAT431 Strategic Thinking 1 - Strategic Thinking 1 1.5

STRAT432 Strategic Thinking 2 - Strategic Thinking 2 1.5

STRAT433 Strategic Thinking 3 - Strategic Thinking 3 1.0

**Requirement 6 —Complete 4 Courses**

*Business Core:*

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

MSB390 Ethics for Management - Ethics for Management 3.0

**Requirement 7 —Complete 3 of 33 Courses**

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ENT401 Entrepreneurial Innovation - Entrepreneurial Innovation 3.0

ENT411 Creating New Ventures - Creating New Ventures 3.0

ENT421 Financing New Ventures - Financing New Ventures 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT425 Venture Capital for Startups - Venture Capital for Startups 3.0

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

FIN402 Managerial Finance - Managerial Finance 3.0

FIN312 Investments Academy - Investments Academy 3.0

FIN413 Real Estate Finance & Invstmnt - Real Estate Finance and Investment 3.0

*Business Core courses:*

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

MSB390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

**Requirement 7 —Complete 2 of 25 Courses**

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ENT401 Entrepreneurial Innovation - Entrepreneurial Innovation 3.0

ENT411 Creating New Ventures - Creating New Ventures 3.0

ENT421 Financing New Ventures - Financing New Ventures 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

FIN312 Investments Academy - Investments Academy 3.0

FIN418 Financial Planning - Financial Planning 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM412 Operations Analytics - Operations Analytics 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

HRM585R Pre-PhD Seminar - Pre-PhD Seminar - *You may take once* 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MKTG416 International Marketing - International Marketing 3.0

MKTG429 Marketing Strategy - Marketing Strategy 3.0

MSB375 Social Impact - Social Impact 3.0

MSB430 Intro International Business - Intro International Business 3.0

STRAT 391 - Strategy and Organization - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

**Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Marriott School exit survey online.

Investment 3.0

FIN414 Real Estate Development - Real Estate Development 3.0

FIN425 PE and VC - PE and VC 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM414 Intro to Sustainable Business - Introduction to Sustainable Business 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

HRM413 Managerial Leadrshp Develpmnt - Managerial Leadrshp Develpmnt 3.0

IS120 Intro to Web Development - Introduction to Web Development 3.0

IS302 Intro Databases (Non-Majors) - Intro Databases (Non-Majors) 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MKTG416 International Marketing - International Marketing 3.0

MKTG418 - Pricing Strategies 3.0

MKTG422 Business to Business Selling - Business to Business Sales 3.0

MKTG425 Advanced Digital Marketing - Advanced Digital Marketing 3.0

MSB300 Ldrshp & the Gospel of Christ - Leadership and the Gospel of Christ

MSB325 Intro Business Analytics - Introductory Business Analytics 3.0

MSB375 Social Impact - Social Impact 3.0

MSB430 Intro International Business - Intro International Business 3.0

STRAT325 Intro to Management Consulting - Intro to Management Consulting 3.0

STRAT427 Consulting Project Management - Consulting Project Management 3.0

**Requirement 8 —Obtain confirmation from your advisement center that you have completed the following:**

Complete Marriott School exit survey online.

## 350101 - TESOL K-12 (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| TESOL K-12 | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 21 |

| Title | Learning Outcome |
|---|---|
| 1. Language/Linguistics | Teacher Candidates know understand and use the major concepts theories and research related to the nature and acquisition of language and linguistic systems to support English language learners' development of literacy. Teacher Candidates have (and use) knowledge and skills to construct learning environments that support development of English language proficiency: literacy academic and cognitive development. |
| 2. Cultural Diversity | Teacher Candidates know understand and use the major concepts principles theories and research related to the nature and role of culture and cultural groups. Teacher Candidates create a learning environment that is sensitive to and supportive of English language learner's cultural identities language and literacy development and content area knowledge. |
| 3. Instruction | Teacher Candidates know understand and use the Utah English Language Proficiency Standards in selection of programs practices and strategies related to planning implementing and managing ESL and content instruction including classroom organization teaching strategies for development and integrating language skills and choosing and adapting classroom resources. |
| | Teacher Candidates understand issues of assessment and accommodation and use a variety of measurement tools to evaluate |

## 350102 - Dual-Language Immersion K-12 Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Dual-Language Immersion K-12 Teaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 16 |

| Title | Learning Outcome |
|---|---|
| DLI Principles and Research Findings | Articulate theoretical principles and research findings about dual language education including research about best teaching and program organizational practices. |
| Planning and Curriculum | Create lessons that include objectives in content and language that correspond to subject/curriculum guidelines and student proficiency levels. Create select and modify curriculum and materials for use in immersion programs. |
| Classroom Management | Manage the classroom in the immersion language making input comprehensible and sustaining a clear and consistent separation of languages. Scaffold activities to provide opportunities for student output in the immersion language and elicit specific language functions and forms. |
| Instruction | Implement content (literacy math science social-studies culture etc.) and language instruction that demonstrates core immersion education teaching strategies and follows a gradual release from guided to independent practice that is then appropriately evaluated in a variety of ways. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the*

| | |
|---|---|
| Title<br>4. Assessment | of measurement tools to evaluate English language learners for placement proficiency and instruction. |

| | |
|---|---|
| Title<br>5. Family and Community Involvement | Learning Outcome<br>Teacher Candidates understand the role and contribution of family and community in the cognitive linguistic and social development of students. Teacher Candidates provide support and advocacy for ELs and their families and understand the history laws and policies of ESL teaching. Teacher Candidates work in partnerships with families and communities to create positive learning environments. |

Free Form Requirements

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*Courses must be taken in sequential order and no more than two TELL courses can be taken in the same semester/term.*

*The TESOL K-12 minor is highly recommended for elementary education, early childhood education, special education mild/moderate, and secondary education majors. Students in these majors will meet some of the course requirements within their major program. Please contact the Education Advisement Center, 350 MCKB, (801) 422-3426 with any questions.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 1 of 3 Courses**

CPSE480 Ed & Multicult Issues in Sp Ed - Ed & Multicult Issues in Sp Ed 3.0

EL ED203 Fndtns of Multicultural Educ - Fndtns of Multicultural Educ 3.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

*state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 2 Option**

*Complete the following prerequisites prior to declaring the minor:*

**Requirement 1.1 — Obtain confirmation from your advisement center that you have completed the following:**

Be admitted to a teaching major. (This certifies that students have met state requirements for basic skills tests, GPA and grades in individual courses, and have passed a criminal background check, as per the policies of BYU's Educator Preparation Program.) Also, Pass an Oral Proficiency Interview with a rating of Advanced Mid or better.

**Requirement 1.2 — Complete 1 Course**

FLANG300 Foundations of Immersion Ed - Foundations of Immersion Ed 3.0

**Requirement 2 — Complete 2 Courses**

FLANG301 Content-Based Instruction - Content-Based Instruction 3.0

FLANG302 Biliteracy Development in DLI - Biliteracy Development in DLI 3.0

**Requirement 3 — Complete 1 of 5 Courses**

*Language teaching methods courses:*

CHIN377 Chin Lang Tchg Procedures - Chin Lang Tchg Procedures 3.0

FREN377 French Teaching Methods 1 - Intro to French Language Tchg 3.0

GERM377 Methods in Teaching German - Methods in Teaching German 3.0

PORT377 Methods of Portuguese Teaching - Methods of Portuguese Teaching 3.0

SPAN377 Spanish Teaching Methods 1 - Spanish Teaching Methods 1 3.0

**Requirement 4 — Complete 1 Course**

*Complete the following after all the above courses have been completed:*

FLANG477R DLI K-12 Student Teaching - DLI K-12 Student Teaching - *You may take once* 4.0

**Requirement 2 — Complete 1 Course**

TELL410 Second Lang. Lrng & Tchg - Second Lang. Lrng & Tchg 3.0

**Requirement 3 — Complete 1 of 3 Courses**

CPSE420 Assess/Eval Stdnts w/Excp Nds - Assess/Eval Stdnts w/Excp Nds 3.0

EL ED213 Inst Design & Assess/All Lrnrs - Inst Design & Assess/All Lrnrs 3.0

TELL420 Assess'g Ling Diverse Students - Assess'g Ling Diverse Students 2.0

**Requirement 4 — Complete 1 of 3 Courses**

CPSE430 Tching Read/LA Disabilities Se - Tching Read/LA Disabilities Se 3.0

EL ED333 Tchg Literacy in Grades K-2 - Tchg Literacy in Grades K-2 3.0

TELL430 K-12 Liter. 2nd Lang. Learners - K-12 Liter. 2nd Lang. Learners 2.0

**Requirement 5 — Complete 1 Course**

TELL440 Content-Based Lang. Instr. - Content-Based Lang. Instr. 2.0

**Requirement 6 — Complete 1 of 2 Courses**

CPSE460 Collaboration - Collaboration 3.0

TELL450 Family,Sch,& Comm Partnerships - Family,Sch,& Comm Partnerships 2.0

**Requirement 7 — Complete 4 hours**

*Complete four credit hours of the following after all the courses above have been completed:*

TELL442R TESOL K-12 Practicum - TESOL K-12 Practicum - *You may take once 4.0*

## 354221 - Special Education: Mild/Moderate Disabilities (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Special Education: Mild/Moderate Disabilities | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 63 | 63 |

**Major Academic Plan**

MAP - BS in Special Education 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1.Effective instruction | The teacher understands and demonstrate effective instruction. |

| Title | Learning Outcome |
|---|---|
| 2. Progress monitoring | The teacher understands and demonstrates progress monitoring. |

## 354222 - Special Education: Severe Disabilities (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Special Education: Severe Disabilities | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 63 | 63 |

**Major Academic Plan**

MAP - BS in Special Education 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1.Effective Instruction | The teacher understands and demonstrate effective instruction. |

| Title | Learning Outcome |
|---|---|
| 2. Progress Monitoring | The teacher understands and demonstrates progress monitoring. |

| Title | Learning Outcome |
| --- | --- |
| 3. Adapting or intensifying support | The teacher understands and demonstrates appropriate adaptation or intensificaion of support. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 —Complete 5 Courses**

*Complete the following with at least a C grade prior to beginning the program:*

CPSE203 Intro to Special Education - Intro to Special Education 3.0

CPSE410 Appl Behavior Analysis in Ed - Appl Behavior Analysis in Ed 3.0

CPSE480 Ed & Multicult Issues in Sp Ed - Ed & Multicult Issues in Sp Ed 3.0

MTHED305 Basic Conc of Math - Basic Conc of Math 2.0

MTHED306 Concepts of Math - Concepts of Math 2.0

**Requirement 2 —Complete 8 Courses**

*Core courses:*

CPSE420 Assess/Eval Stdnts w/Excp Nds - Assess/Eval Stdnts w/Excp Nds 3.0

CPSE425 Lang Arts Elem: Disabilities - Lang Arts Elem: Disabilities 3.0

CPSE430 Tching Read/LA Disabilities Se - Tching Read/LA Disabilities Se 3.0

CPSE440 Transition planning - Transition planning 3.0

CPSE460 Collaboration - Collaboration 3.0

CPSE470 Legal Issues in Spec Ed - Legal Issues in Spec Ed 3.0

CPSE490 Capstone Sem: Ind w/Disab - Capstone Sem: Ind w/Disab 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

| Title | Learning Outcome |
| --- | --- |
| 3. Adaptation or Intensification | The teacher understands and demonstrates appropriate adaptation or intensificaion of support. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 —Complete 5 Courses**

*Complete the following with at least a C grade prior to beginning the program:*

CPSE203 Intro to Special Education - Intro to Special Education3.0

CPSE410 Appl Behavior Analysis in Ed - Appl Behavior Analysis in Ed 3.0

CPSE480 Ed & Multicult Issues in Sp Ed - Ed & Multicult Issues in Sp Ed 3.0

MTHED305 Basic Conc of Math - Basic Conc of Math 2.0

MTHED306 Concepts of Math - Concepts of Math 2.0

**Requirement 2 —Complete 8 Courses**

*Core courses:*

CPSE420 Assess/Eval Stdnts w/Excp Nds - Assess/Eval Stdnts w/Excp Nds 3.0

CPSE425 Lang Arts Elem: Disabilities - Lang Arts Elem: Disabilities 3.0

CPSE430 Tching Read/LA Disabilities Se - Tching Read/LA Disabilities Se 3.0

CPSE440 Transition planning - Transition planning 3.0

CPSE460 Collaboration - Collaboration 3.0

CPSE470 Legal Issues in Spec Ed - Legal Issues in Spec Ed 3.0

CPSE490 Capstone Sem: Ind w/Disab - Capstone Sem: Ind w/Disab 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

**Requirement 3 —Complete 18 hours**

*Emphasis courses:*

CPSE442 Soc/Beh Strtgs M/M Disb - Soc/Beh Strtgs M/M Disb 3.0

CPSE446 Ment Sec Ed: M/M Disabilities - Ment Sec Ed: M/M Disabilities 3.0

CPSE452 Eff Tch Str: M/M Disabilities - Eff Tch Str: M/M Disabilities 3.0

CPSE462 Tch Math to Stdnts w/Disablts - Tch Math to Stdnts w/Disablts 3.0

CPSE463 Asst Tech for Stdnts w/Disab - Asst Tech for Stdnts w/Disab 3.0

CPSE466 Ment Tch Stdn w/ Mild/Mod Dis - Ment Tch Stdn w/ Mild/Mod Dis 3.0

**Requirement 4 —Complete 12 hours**

*Student teaching or internship experience:*

Application for student teaching must be completed prior to student teaching. Applications are online at education.byu.edu/ess/application.html

**Option 4.1 —Complete up to 12 hours**

CPSE486R Student Tchg: M/M Disabilities - Student Tchg: M/M Disabilities - *You may take up to 12.0 credit hours* 1.0v

CPSE496R Academic Internship: Spec Ed - Academic Internship: Spec Ed - *You may take up to 12.0 credit hours* 1.0v

*Additional Licensing Requirements: It is the student's responsibility to be sure that the PRAXIS test has been passed and that BYU has received the test scores and that their fingerprint background clearance is current. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements, contact the Education Advisement Center, 350 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.*

**Requirement 3 —Complete 18 hours**

*Emphasis courses:*

CPSE443 Soc/Beh Strgs Severe Disabil - Soc/Beh Strgs Severe Disabil 3.0

CPSE447 Ment Sec Ed: Severe Disability - Ment Sec Ed: Severe Disability 3.0

CPSE453 Cur & Inst: Severe Disabilits - Cur & Inst: Severe Disabilits 3.0

CPSE462 Tch Math to Stdnts w/Disablts - Tch Math to Stdnts w/Disablts 3.0

CPSE463 Asst Tech for Stdnts w/Disab - Asst Tech for Stdnts w/Disab 3.0

CPSE467 Ment Tchg Stds Severe Dis Elem - Ment Tchg Stdnts w/ Severe Dis 3.0v

**Requirement 4 —Complete 1 Requirement**

*Student teaching or internship experience:*

Application for student teaching must be completed prior to student teaching. Applications are online at education.byu.edu/ess/application.html

**Requirement 4.1 —Complete 12 hours**

CPSE487R Student Tchg: Severe Disabilit - Student Tchg: Severe Disabilit - *You may take up to 12.0 credit hours* 1.0v

CPSE496R Academic Internship: Spec Ed - Academic Internship: Spec Ed - *You may take up to 12.0 credit hours* 1.0v

*Additional Licensing Requirements: It is the student's responsibility to be sure that the PRAXIS test has been passed and that BYU has received the test scores and that their fingerprint background clearance is current. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements, contact the Education Advisement Center, 350 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.*

## 354320 - Communication Disorders (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Communication Disorders | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 58 | 59 |

**Major Academic Plan**

MAP - BS in Communication Disorders 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Knowledge of communication sciences and disorders | Demonstrate knowledge of core concepts in communication sciences and disorders including typical and atypical language hearing and speech. |

| | Learning Outcome |
|---|---|
| | Apply critical thinking skills to |

## 355410 - Design Thinking (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Design Thinking | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 18 |

**Free Form Requirements**

*9 credit hours must be taken outside of the student's primary major.*

**Requirement 1 — Complete 1 of 2 Courses**

*Introduction to Design Thinking*

DES217 Design Thinking - Design Thinking 1.5

TECH 112 - Innovation 1.0

**Requirement 2 — Complete 9 hours**

*Design Thinking Practices*

ANTHR414 Museum Projects - Museum Projects 3.0

| Title | |
|---|---|
| Critical Thinking | communication sciences and disorders including typical and atypical language hearing and speech. |

| Title | Learning Outcome |
|---|---|
| Professionalism | Identify core elements of professionalism such as ethics equity advocacy bias social justice health disparities access to services cultural competence implementing feedback and other topics. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This is a limited-enrollment program requiring departmental acceptance. Please see the college advisement center for information regarding requirements for application to this major.*

**Requirement 1 —Complete 2 Requirements**

*Pre-major courses:*

**Requirement 1.1 —Complete 1 of 2 Courses**

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

**Requirement 1.2 —Complete 3 Courses**

COMD133 Intro Speech/Lng Path & Aud - Intro Speech/Lng Path & Aud 3.0

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

*Apply for and be admitted to the major.*

**Requirement 2 —Complete 15 Courses**

*After admission to the major, complete the following:*

ASL101 First-Year ASL 1 - First-Year ASL 1 4.0

COMD215 Speech Anatomy & Physiology - Speech Anatomy & Physiology 3.0

COMD321 Language Development - Language Development 3.0

COMD325 Clinical Phonetics - Clinical Phonetics 3.0

COMD211 Language Science - Language Science 3.0

COMD213 Hearing Science & Acoustics - Hearing Science & Acoustics 3.0

COMD431 Language Disorders - Language Disorders 3.0

ANTHR414 Museum Projects - Museum Projects 3.0

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

ANTHR247 Applied Anthropology - Applied Anthropology 3.0

ANTHR495R Ethnographic Field Project - Ethnographic Field Project - *You may take once* 3.0v

ANTHR526 Museum Exhibitns & Progrmmng - Museum Exhibitns & Progrmmng 3.0

ENGL218 Creative Writing - Creative Writing 3.0

EXDM300 Creating a Good Life - Creating a Good Life 3.0

EXDM404 Experience Design - Experience Design 3.0

EXDM422 Experience Needfinding - Experience Needfinding 3.0

INDES341 Tech. Interface Studies, ID 1 - Tech. Interface Studies, ID 1 3.0

IP&T420 Design Psychology - Learning Theories for Design 3.0

IP&T461 Design Evaluation - Design Evaluation 3.0

IP&T464 Instruc. Design for Business - Instruc. Design for Business 3.0

IT&C255 User Experience Design - User Experience Design 3.0

IT&C555 Adv Human-Computer Interaction - Adv Human-Computer Interaction 3.0

MSB375 Social Impact - Social Impact 3.0

PSYCH350 Intro to Social Psychology - Intro to Social Psychology 3.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

TECH 113 - Startup Bootcamp 1.0

TES330 Creat Eng and Prob Solving II - Creativity,Engr & Prob Solving 3.0

**Requirement 3 — Complete 1 of 13 Courses**

*Design Thinking Tools*

DESPH116 Introduction to Photography - Introduction to Photography 3.0

DIGHT210 Intro to Programming - Intro to Programming 3.0

DIGHT230 Intro to Print Publishing - Intro to Print Publishing 3.0

DIGHT250 Web Publishing - Web Publishing 3.0

DIGHT330 Intermediate Print Publishing - Intermediate Print Publishing 3.0

DIGHT340 JavaScript Development - JavaScript Development 3.0

DIGHT350 Web Information Technologies - Web Information Technologies 3.0

IT&C210A Web Systems & Security Part 1 - Web Systems & Security Part 1 2.0

IT&C210B Web Systems & Security - Web Systems & Security 2.0

TES200 Processes Prototyping Wood - Processes Prototyping Wood 3.0

TES229 Process & Mfg: Metals/Polymers - Process & Mfg: Metals/Polymers 3.0

TES251 Video & Photography Production - Video & Photography

COMD335 Intro Speech Sound Disorders - Intro Speech Sound Disorders 3.0

COMD420 Neurofndtns Lang,Spch,Hearing - Neurofndtns Lang,Spch,Hearing 3.0

COMD445 Speech Science - Speech Science 3.0

COMD370 Medical Speech Pathology - Medical Speech Pathology 3.0

COMD323 Hearing Tests & Measures - Hearing Tests & Measures 3.0

COMD433 Aural Rehabilitation - Aural Rehabilitation 3.0

COMD450 Professional Practices - Professional Practices 3.0

COMD460 Capstone Clinical Methods - Capstone Clinical Methods 3.0

*NOTE: In lieu of ASL 101, any other foreign language course 101 level or higher (taken at the university level) may be used.*

Production 3.0

TES255 Visual Communication Design - Visual Communication Design 3.0

**Requirement 4 — Complete 1 of 6 Courses**

*Project: All other program requirements must be completed either before or during the semester in which the project course is taken.*

DESGD394R Special Topics - Special Topics - *You may take once* 0.5v

EXDM494R Experience Design Lab - Experience Design Lab - *You may take once* 3.0

IP&T498R Product Design for Education - Product Design for Education - *You may take once* 3.0

IT&C515R Special Topics in IT&C - Special Topics in IT&C - *You may take once* 1.0v

MSB491R Topics in Social Impact - Topics in Social Impact - *You may take once* 1.0v

MSB492R Social Impact Projects - Social Impact Internship - *You may take once* 3.0

## 356013 - General Studies: Education (BGS)

### Program Information

| Program Title | Degree |
|---|---|
| General Studies: Education (BGS) | BGS |
| **Variable Credit Min** | **Variable Credit Max** |
| 12 | 13 |

**Major Academic Plan**

MAPS - BGS in General Studies - Education 2023-2024.pdf

**Free Form Requirements**

*Have 27 hours of campus residency.*

*Complete a minimum of 9 hours in the emphasis after formal admission to the BGS program.*

*Thirty of the 120 hours must be 300-level or above courses.*

*Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.*

*The program must be completed in eight years or less.*

*All emphasis courses taken after admission to BGS must be BYU courses.*

*Before applying to the Education BGS, the student must have (1) been accepted into a teaching major at BYU (Early Childhood Education, Elementary Education, Physical Education Teacher Education, Special Education, or Secondary Education teaching major), (2) completed all university core and specific teaching major requirements, except student teaching, and (3) earned the minimum course grades and GPA requirements for their teaching major (this varies depending on when student was accepted into the teaching major).*

**Requirement 1 —Complete 1 Course**

*Prerequisite Course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):*

STDEV100 Essential College Skills - Essential College Skills 1.0

## 356020 - Elementary Education (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Elementary Education | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 67 | 68 |

**Major Academic Plan**

MAPS - BS in Elementary Education 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1. Learner Development and Differences | Teacher candidates will provide equitable access to academic knowledge by applying understandings of learner development and learner differences. |

| Title | Learning Outcome |
|---|---|
| 2. Effective and Nurturing Learning Environment | Teacher candidates will establish and maintain an effective and nurturing learning environment that prepares students to participate in a civic society. |

| Title | Learning Outcome |
|---|---|
| 3. Engaged Learning and Academic Knowledge | Teacher candidates will facilitate engaged learning and attend to equitable access to academic knowledge through content knowledge assessment planning and instructional strategies. |

| | Learning Outcome |
|---|---|

STDEV100 Essential College Skills - Essential College Skills 1.0

**Requirement 2 —Complete 9 hours**

*Courses on this list taken prior to being accepted to the Education BGS or those required for completion of the teaching major cannot be counted for this requirement. (Check with BGS office for current list of courses.)*

EL ED340 Children's Literature - Children's Literature 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

PSYCH320 Developmental Psych: Childhood - Developmental Psych: Childhood 3.0

SFL210 Human Development - Human Development 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL351 Social Development - Social Development 3.0

ECE355 Language Development - Language Development 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SOC112 Current Social Problems - Current Social Problems 3.0

SOC350 Intro to Social Psychology - Intro to Social Psychology 3.0

**Requirement 3 —Complete 1 Course**

STDEV490 BGS Capstone - BGS Capstone 2.0

| Title | Learning Outcome |
| --- | --- |
| 4. Stewardship in the Schools | Teacher candidates act as stewards of the schools and communities and demonstrate commitment to simultaneous renewal through reflection professionalism and collaboration. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

**Requirement 1 —Complete 2 Courses**

*Complete the following Pre-requisites:*

EL ED200 Intro to Education - Intro to Education 2.0

SFL210 Human Development - Human Development 3.0

*Note: The Global and Cultural Awareness and Letters general education requirements are fulfilled through completion of the Elementary Education major.*

*Students accepted into the major after May, 2020, must (a) maintain a total GPA of no less than 2.7 since admission to teacher preparation major and/or minor program, (b) receive a C or better in all education-related and major and minor required courses (including any courses taken prior to acceptance into a teaching major or minor), and (c) demonstrate sufficient and timely progress in coursework and field experiences. For details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*Complete admission process for the program through the Teacher Education Department. See http://education.byu.edu/ted/eled for admission requirements.*

**Requirement 2 —Complete 22 Courses**

CPSE300 Ex Studnts:Prin of Collaboratn - Ex Studnts:Prin of Collaboratn 2.0

ECE334 Introduction to ECE - Introduction to ECE 3.0

EDLF411 Legal & Ethical Issues - Legal & Ethical Issues 1.0

EL ED203 Fndtns of Multicultural Educ - Fndtns of Multicultural Educ 3.0

EL ED299R Management & Practicum 1 - Management & Practicum 1 - *You may take once* 3.0

EL ED310 Planning & Assessment 1 - Planning & Assessment 1 2.0

EL ED333 Tchg Literacy in Grades K-2 - Tchg Literacy in Grades K-2 3.0

EL ED340 Children's Literature - Children's Literature 3.0

EL ED399R Management & Practicum 2 - Management & Practicum 2 -

EL ED399R Management & Practicum 2 - Management & Practicum 2 - *You may take once* 3.0

EL ED410 Planning & Assessment 2 - Planning & Assessment 2 1.0

EL ED435 Teaching Writing in Grades K-6 - Teaching Writing in Grades K-6 2.0

EL ED443 Tchg Literacy in Grades 3-6 - Tchg Literacy in Grades 3-6 3.0

EL ED445 Tchng Social Studies in K-6 - Tchng Social Studies in K-6 3.0

EL ED446 Tchng Science in Grades K-6 - Tchng Science in Grades K-6 3.0

EL ED447 Tchg Math in Grades K-6 - Tchg Math in Grades K-6 3.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 Ed Tec 2 - Integrating K-12 Ed Tec 2 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

MTHED305 Basic Conc of Math - Basic Conc of Math 2.0

MTHED306 Concepts of Math - Concepts of Math 2.0

PETE169 Elementary Skills & Activities - Elementary Skills & Activities 1.0

PETE212 PE & Hlth Ed - Elem Sch Tchrs - PE & Hlth Ed - Elem Sch Tchrs 2.0

**Requirement 3 —Complete 1 of 4 Courses**

ARTED326 Art for Elementary Teachers - Art for Elementary Teachers 3.0

DANCE326 Dance for Elementary Classroom - Dance for Elementary Classroom 2.0

MUSIC378 Mu Elem Clsrm Tchr - Mu Elem Clsrm Tchr 2.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

**Requirement 4 —Complete 12 hours**

*Note: Prior application is required. Apply for student teaching / internship by September 15th or January 15th.*

EL ED400R Elementary Student Teaching - Elementary Student Teaching - *You may take up to 12.0 credit hours* 1.0v

EL ED496R Academic Internship - Academic Internship - *You may take up to 12.0 credit hours* 8.0v

*Note: It is the student's responsibility to be sure that the Praxis II test has been passed and that BYU has received the test scores and that his or her fingerprint background clearance is current and that state licensing fees have been paid prior to graduation. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements, contact the Education Advisement Center, 350 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.*

**Recommended Courses are not required to complete the program**

*The following courses are strongly recommended:*

BIO100 Principles of Biology - Principles of Biology 3.0

WRTG313 Expository Writing for El Ed - Expository Writing for El Ed 3.0

## 356022 - Social Science Teaching (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Social Science Teaching | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 77.5 | 94 |

**Major Academic Plan**

MAP - BS in Social Science Teaching 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Subject Matter | Candidates can identify the core concepts and standards associated with the social science curricula taught in secondary classrooms (subject areas: history political science geography psychology) and can create learning experiences that make these concepts meaningful for students. |
| Learner and Learning | Candidates can articulate how young people learn and develop acknowledging individual and cultural differences in order to create environments that motivatecollaborative learning. |
| Instructional Strategies | Candidates use a variety of instructional strategies to encourage students? development of critical thinking problem solving and performance skills and use assessments to inform instruction. |
| Professional Development | Candidates continually reflect on and evaluate their teaching practices actively seek opportunities to grow professionally engage in ethical behavior and collaborate with stakeholders (students parents and other professionals in the learning community). |
| | Demonstrate basic competency in the Utah Effective Teaching Standards as established by Utah |

## 356025 - Early Childhood Education (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Early Childhood Education | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 68 | 69 |

**Major Academic Plan**

MAPS - BS in Early Childhood Education 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1. Learner Development and Differences | Teacher candidates integrate knowledge of child development and learner differences to support children and their families and advocate for equitable access to learning for all children. |
| 2. Content Knowledge | Teacher candidates use discipline-specific concepts, tools of inquiry, and learning trajectories to facilitate engaging and equitable learning experiences for all children. |
| 3. Nurturing Pedagogy | Teacher candidates create and foster nurturing pedagogy by providing meaningful learning experiences and supportive environments for all learners through developmentally and culturally appropriate practices. |
| 4. Professionalism | Teacher candidates demonstrate the highest standard of professional conduct as they advocate for young children and their families, engage in renewal through reflection, and collaborate with stakeholders to build a shared vision for student growth. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In*

| Title | Teacher Education Assessment and Accreditation Council and the Utah State Board of Education |
| --- | --- |
| Utah Effective Teaching Standards | |

Free Form Requirements

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 5 Course**

*Note: HIST 201, 202, 220, and 221 must be completed before taking HIST 477 and HIST 478. Note: Hist 220 and 221 must be completed as college/university courses and cannot be fulfilled with AP or other test scores.*

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

HIST364 Utah - Utah 3.0

**Requirement 2 — Complete 1 Course**

NOTE: Students are encouraged to take HIST 201, HIST 202, HIST 220, HIST 221 prior to enrollment in HIST 276. Note: FBI fingerprint and background clearance MUST be completed PRIOR to enrolling in HIST 276.

HIST276 Exploration of Tchg-Soc Sci - Exploration of Tchg-Soc Sci 4.0

**Requirement 3 — Complete 1 Course**

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST399 Democratic Class Design - Democratic Class Design 3.0

**Requirement 4 — Complete 1 Course**

*Note: HIST 397 and HIST 399 cannot double-count toward Requirements 3 and 4. HIST 398 cannot double-count toward Requirements 4 and 12.1.*

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact Education Advisement Center, 350 MCKB, 801-422-3426.*

**Requirement 1 —Complete 1 Requirement**

*Complete the following Pre-requisites:*

**Requirement 1.1 —Complete 2 Courses**

ECE200 Foundations of ECE - Foundations of ECE 3.0

SFL210 Human Development - Human Development 3.0

Note: The Global & Cultural Awareness and Letters general education requirements are fulfilled through completion of the Early Childhood Education major.

*Students accepted into the major after May, 2020, must (a) maintain a total GPA of no less than 2.7 since admission to teacher preparation major and/or minor program, (b) receive a "C" or better in all education-related and major and minor required courses (including any courses taken prior to acceptance into a teaching major or minor), and (c) demonstrate sufficient and timely progress in coursework and field experiences. For details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*Complete admission process for the program through the Teacher Education Department. Go to http://education.byu.edu/ted/early_childhood for admission requirements.*

**Requirement 2 —Complete 18 Courses**

CPSE300 Ex Studnts:Prin of Collaboratn - Ex Studnts:Prin of Collaboratn 2.0

ECE299R Prek-K Practicum - Prek-K Practicum - *You may take once* 2.0

ECE301 PE, Health, and Play - PE, Health, and Play 3.0

ECE330 Child Guidance - Child Guidance 3.0

ECE333 Literacy Development I - Literacy Development I 3.0

ECE336 Planning & Assessment in ECE - Planning & Assessment in ECE 3.0

ECE340 Literature for Young Children - Literature for Young Children 2.0

ECE399R Primary Grade Practicum - Primary Grade Practicum - *You may take once* 3.0

ECE430 Fam, Schools, and Communities - Fam, Schools, and Communities 2.0

ECE433 Tchng Literacy Pre K-3 - Tchng Literacy Pre K-3 3.0

ECE444 Social Studies in ECE - Social Studies in ECE 2.0

ECE446 Tchng Science Pre K-3 - Tchng Science Pre K-3 3.0

ECE447 Tching Math Pre K-3 - Tching Math Pre K-3 3.0

EDLF411 Legal & Ethical Issues - Legal & Ethical Issues 1.0

EL ED203 Fndtns of Multicultural Educ - Fndtns of Multicultural Educ 3.0

IP&T370 Tech in Erly Childhood Classes - Tech in Erly Childhood Classes

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST242R Arab & Islamic Civilization - Arab & Islamic Civilization - *You may take once* 1.0v

HIST243R Jewish Civilization - Jewish Civilization - *You may take once* 1.0v

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST247 Greek History - Greek History 3.0

HIST248 Roman History - Roman History 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST290 Nature & History - Nature & History 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST298 Digital History - Digital History 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

10493-000 - Missing course - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - Nineteeth-Century Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - History of the Mediterranean Sea 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

2.0

MTHED305 Basic Conc of Math - Basic Conc of Math 2.0

ECE355 Language Development - Language Development 3.0

**Requirement 3 —Complete 1 of 2 Courses**

SFL351 Social Development - Social Development 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

**Requirement 4 —Complete 1 of 4 Courses**

ARTED326 Art for Elementary Teachers - Art for Elementary Teachers 3.0

DANCE326 Dance for Elementary Classroom - Dance for Elementary Classroom 2.0

MUSIC378 Mu Elem Clsrm Tchr - Mu Elem Clsrm Tchr 2.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

**Requirement 5 —Complete 12 hours**

*Note: Prior application is required. Apply for student teaching/internship by September 15 or January 15.*

ECE425R Grades K-3 Student Teaching - Grades K-3 Student Teaching - *You may take up to 12.0 credit hours* 1.0v

ECE496R Academic Internship - Academic Internship - *You may take up to 12.0 credit hours* 12.0

*Note: It is the student's responsibility to be sure that the PRAXIS II test has been passed and that BYU has received the test scores and that his or her fingerprint background clearance is current and that state licensing fees have been paid prior to graduation. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements, contact the Education Advisement Center, 350 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.*

**Recommended Courses are not required to complete the program**

*The following courses are strongly recommended.*

BIO100 Principles of Biology - Principles of Biology 3.0

WRTG313 Expository Writing for El Ed - Expository Writing for El Ed 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

13581-001 - Missing course - Mod. American Warfare Studies 3.0

HIST317 Terrorism and Counterterrorism - Terrorism and Counterterrorism 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST329 Urban History Brazil - Urban History Brazil 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST333 Hist Ottoman Empire - Hist Ottoman Empire 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

HIST335 Crusades - Crusades 3.0

HIST336 S Africa Liberation - S Africa Liberation 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST339 African Social Change - African Social Change 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern South East Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST365 American South - American South 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST375 J Smith in Mormon History - J Smith in Mormon History 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST377 Growing Up in America - Growing Up in America 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST383 African-Am Hist since 1865 - African-American History 1865-Present 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST391 The Vietnam War - The Vietnam War 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST398 American Capitalism - American Capitalism 3.0

HIST399 Democratic Class Design - Democratic Class Design 3.0

HIST431 Public History - Public History 3.0

HIST485 Topical Readings Seminar - Topical Readings Seminar 3.0

HIST487 Philosophies Hist - Philosophies Hist 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

**Requirement 5 — Complete 2 Courses**

GEOG101 Global Environment - Global Environment 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

**Requirement 6 — Complete 1 of 2 Courses**

*Note: Students planning to teach in the state of Utah should take Geog 245.*

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

**Requirement 7 — Complete 1 Course**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

**Requirement 8 — Complete 1 of 2 Courses**

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

**Requirement 9 — Complete 1 Course**

SOC111 Introductory Sociology - Introductory Sociology 3.0

**Requirement 10 — Complete 1 of 25 Courses**

*Complete 1 course in cultural anthropology or archaeology. Courses outside this list must have pre-approval.*

ANTHR101 Social/Cultural Anthropology - Social/Cultural Anthropology 3.0

ANTHR110 Discovering Archaeology - Intro to Archaeology 3.0

ANTHR300 Biological Anthropology - Biological Anthropology 3.0

ANTHR309 Language, Culture, & Society - Language, Culture, & Society 3.0

ANTHR311 Museums & Cultures - Museums & Cultures 3.0

ANTHR312 Intercultural Communication - Intercultural Communication 3.0

ANTHR327 The Hmong Diaspora - The Hmong Diaspora 3.0

ANTHR328 Andean South America - Andean South America 3.0

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

00304-002 - Missing course - Peoples of India 3.0

ANTHR336 Cinema & Culture in India - Cinema & Culture in India 3.0

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR344 Korean Culture - Korean Culture 3.0

ANTHR345 American Culture - American Culture 3.0

06853-003 - Missing course - Anthropology of Mormonism 3.0

11635-000 - Missing course - Contemporary Japan 3.0

ANTHR350 Arch Cultures of N America - Arch Cultures of N America 3.0

ANTHR355 Arch Mesoamerica - Arch Mesoamerica 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR376 Arch of Ancient Aegean&Greece - Arch of Ancient Aegean & Greece 3.0

ANTHR377 Arch of Roman Civilization - Arch of Roman Civilization 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ANTHR379 Archaeology of Islam - Archaeology of Islam 3.0

ANTHR385 Archaeology of Europe - Archaeology of Europe 3.0

**Requirement 11 — Complete 2 Requirements**

**Requirement 11.1 — Complete 1 Course**

PSYCH111 Psychological Science - Psychological Science 3.0

**Requirement 11.2 — Complete 1 of 8 Courses**

PSYCH210 History of Psychology - History of Psychology 3.0

PSYCH220 Human Dev: Life Span - Human Dev: Life Span 3.0

PSYCH321 Develpmntl Psych: Adolescence - Develpmntl Psych: Adolescence 3.0

PSYCH338 Sport Psychology - Sport Psychology 3.0

PSYCH341 Personality - Personality 3.0

PSYCH342 Psychopathology - Psychopathology 3.0

PSYCH349 Intro to Positive Psychology - Intro to Positive Psychology 3.0

PSYCH350 Intro to Social Psychology - Intro to Social Psychology 3.0

**Requirement 12 — Complete 2 Requirements**

*NOTE: ECON 110 cannot double-count toward requirements 12.1 and 12.2. HIST 398 cannot double-count toward requirements 12.1 and 4.*

**Requirement 12.1 — Complete 1 of 2 Courses**

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

HIST398 American Capitalism - American Capitalism 3.0

**Requirement 12.2 —Complete 1 of 3 Courses**

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN200 Personal Finance - Personal Finance 3.0

SFL260 Family Finance - Family Finance 3.0

**Requirement 13 — Complete 2 Requirements**

*Professional Education Component:*

Licensure Requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the exit interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

NOTE: Admittance to the major is required BEFORE enrolling in HIST 477 and 478. HIST 477 and 478 must be taken concurrently.

**Requirement 13.1 — Complete 6 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

HIST395 Teach Tech Soc Studies - Teach Tech Soc Studies 3.0

HIST477 Hist & Soc Sci Tchng Methods - Hist & Soc Sci Tchng Methods 3.0

HIST478 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

**Requirement 13.2 — Complete 12 hours**

*Apply for student teaching/internship one semester in advance by September 15th or January 15th. Applications are online at https://educator.byu.edu/.*

HIST476 Student Teaching - HT and SST - Student Teaching - HT and SST - *You may take up to 12.0 credit hours* 1.0v

HIST496R Acad Internship--HT and SST - Acad Internship--HT and SST - *You may take up to 12.0 credit hours* 12.0

*Note: It is the student's responsibility to be sure that the Praxis test has been taken and that BYU has received the test scores, that their fingerprint background clearance is current, and that state licensing fees have been paid prior to graduation. Students are strongly discouraged from working another job during the time of their student teaching/internship. In addition, students must pass the PPAT assessment to graduate and receive a teaching license. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements contact the Education Advisement Center, 350 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.*

## 392150 - Chemical Engineering (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Chemical Engineering | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 102.5 | 103.5 |

**Major Academic Plan**

MAP - BS in Chemical Engineering 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Complex Problem Solving | an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics |
| | an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, |

## 392850 - Civil Engineering (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Civil Engineering | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 93 | 94 |

**Major Academic Plan**

MAP - BS in Civil Engineering 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Problem Solving applying Math and Science | 1) An ability to identify formulate and solve complex engineering problems by applying principles of engineering science and mathematics. |
| | 2) An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, |

| | |
|---|---|
| Title<br>Engineering Design | safety, and welfare, as well as global, cultural, social, environmental, and economic factors |
| Title<br>Communication | Learning Outcome<br>an ability to communicate effectively with a range of audiences |
| Title<br>Ethical, Professional, and Personal Responsibilities | Learning Outcome<br>an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts |
| Title<br>Teamwork and Leadership | Learning Outcome<br>an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives |
| Title<br>Experiment and Analysis | Learning Outcome<br>an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions |
| Title<br>Knowledge and Learning | Learning Outcome<br>an ability to acquire and apply new knowledge as needed, using appropriate learning strategies |

Free Form Requirements

**Requirement 1 — Complete 3 Requirements**

*Preprofessional courses:*

**Requirement 1.1 — Complete 9 Courses**

CH EN170 Intro to Chemical Engineering - Intro to Chemical Engineering 2.0

CH EN191 Global Impact of Chem Engnrs - Preprofessional Seminar 0.5

CH EN263 Computational Tools - Computational Tools 2.0

CH EN273 Chemical Process Principles - Chemical Process Principles 3.0

CH EN291 Career Skills 1 - Career Skills 1 0.5

| | |
|---|---|
| Title<br>Design and Contemporary Issues | safety, and welfare as well as global, cultural, social, environmental, and economic factors. |
| Title<br>Communication | Learning Outcome<br>3) An ability to communicate effectively with a range of audiences. |
| Title<br>Ethics, Faith and Sustainability | Learning Outcome<br>4) An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts. |
| Title<br>Teamwork | Learning Outcome<br>5) An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives. |
| Title<br>Experiments and Data | Learning Outcome<br>6) An ability to develop and conduct appropriate experimentation analyze and interpret data and use engineering judgment to draw conclusions. |
| Title<br>Life-long Learning and Service | Learning Outcome<br>7) An ability to acquire and apply new knowledge as needed using appropriate learning strategies. |

Free Form Requirements

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*No more than 9 credit hours of grades below C- in major courses may be applied toward graduation.*

**Requirement 1 — Complete 2 Requirements**

**Requirement 1.1 — Complete 36 hours**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

**Requirement 1.2 — Complete 1 of 2 Options**

**Option 1.2.1 — Complete 2 Courses**

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

**Option 1.2.2 — Complete 3 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

**Requirement 1.3 — Complete 1 of 2 Options**

**Option 1.3.1 — Complete 2 Courses**

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

**Option 1.3.2 — Complete 2 Requirements**

**Requirement 1.3.2.1 — Complete 1 of 2 Courses**

MATH213 Elementary Linear Algebra- Elementary Linear Algebra 2.0

MATH 313 - Elementary Linear Algebra - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

**Requirement 1.3.2.2 — Complete 2 Courses**

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

**Requirement 2 — Complete 15 Courses**

*Professional courses:*

CH EN285 Chemical Process & Fluids Lab - Chemical Process & Fluids Lab 0.5

CH EN311 Ch En - Health, Safety, Envir - Ch En - Health, Safety, Envir 3.0

CH EN345 Materials and Reactions Lab - Materials and Reactions Lab 0.5

CH EN273 Chemical Process Principles - Ch En Thermodynamics 3.0

CH EN374 Fluid Mechanics - Fluid Mechanics 3.0

CH EN376 Heat & Mass Transfer - Heat & Mass Transfer 3.0

CH EN378 Materials Science - Materials Science 3.0

**Requirement 1.1 — Complete 36 hours**

CCE101 Intro to Civil/Const Engr - Intro to CE/Construction 1.0

CCE103 Engineering Mechanics-Statics - Engineering Mechanics-Statics 3.0

CCE270 Computational Methods - Computer Methods 3.0

CCE102 Sustainable Infrastructure - Sustainable Infrastructure 2.0

CCE203 Engr Mechanics - Materials - Engr Mechanics - Materials 3.0

CCE114 Geomatics - Geomatics 3.0

CCE306 Concrete, Masonry, & Asphalt - Concrete, Masonry, & Asphalt 1.5

CE291R Civil Engr Seminar - Civil Engr Seminar 0.5

CE200B Civil Engr Seminar - Civil Engr Seminar 0.5

CE300A Civil Engr Seminar - Civil Engr Seminar 0.5

CE300B Civil Engr Seminar - Civil Engr Seminar 0.5

CCE304 Metals, Woods, & Composites - Metals, Woods, & Composites 1.5

CE321 Structural Analysis - Structural Analysis 3.0

CE232 Fluid Mechanics - Hydraulics & Fluid Flow Theory 3.0

CE341 Soil Mechanics - Soil Mechanics 3.0

CE351 Intro to Environmental Eng - Intro to Environmental Eng 3.0

CE361 Intro to Transportation Engr - Intro to Transportation Engr 3.0

CE400A Civil Engr Seminar - Civil Engr Seminar 0.5

CE400B Civil Engr Seminar - Civil Engr Seminar 0.5

**Requirement 1.2 — Complete 1 of 2 Courses**

CCE112 Engr Draft w/CAD Apps - Engr Draft w/CAD Apps 3.0

CCE113 Construction Modeling - Construction Modeling 3.0

*Students are to enroll in seminar each Fall/Winter semester once declared in the CE major, starting with 200A/B until they have completed 400A/B. Transfer students should start with 200A/B, then meet with the department academic advisor for future placement.*

**Requirement 2 — Complete 1 Course**

CE471 Civil Engineering Writing - Civil Engineering Practice 1.0

**Requirement 3 — Complete 1 of 2 Options**

**Option 3.1 — Complete 2 Courses**

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

**Option 3.2 — Complete 4 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

CH EN385 Thermo and Transport Lab - Thermo and Transport Lab 0.5

CH EN386 Chemical Reaction Engineering - Chemical Reaction Engineering 3.0

CH EN391 Career Skills 2 - Career Skills 2 0.5

CH EN436 Process Control & Dynamics - Process Control & Dynamics 3.0

CH EN445 Separations and Control Lab - Separations and Control Lab 0.5

CH EN451 Plant Design & Synthesis - Plant Design & Synthesis 4.0

CH EN476 Separations - Separations 3.0

CH EN479 Unit Operations Laboratory - Unit Operations Laboratory 2.0

**Requirement 3 — Complete 6 Courses**

*Supporting courses. Note: Econ 110 is required for the major. See department advisor for major requirements.*

BIO100 Principles of Biology - Principles of Biology 3.0

CHEM357 Industrial Organic Chemistry- Industrial Organic Chemistry 3.0

CHEM467 Physical Chemistry - Engineers - Physical Chemistry - Engineers 3.0

EC EN301 Elements of Electrical Engr - Elements of Electrical Engr 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 4 — Complete 4 Requirements**

*Complete technical electives (15 hours minimum) satisfying the following requirements:*

**Requirement 4.1 — Complete 2 hours**

*A. Chemistry laboratory. Note: The Chemical Engineering department requires 2 credit of Organic Chemistry lab. See Chemical Engineering department advisor for questions.*

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

**Requirement 4.2 — Obtain confirmation from your advisement center that you have completed the following:**

B. Complete 9 hours of approved advanced engineering (ENG) course work. In general, these courses are 300-level or above from any of the following departments: Chemical Engineering; Civil & Environmental Engineering; Electrical & Computer Engineering; Mechanical Engineering; or the School of Technology. For details and exceptions, see the department webpage.

**Requirement 4.3 — Obtain confirmation from your advisement center that you have completed the following:**

C. Complete 4 hours of approved advanced course work from an engineering, math, science, or business (EMSB) department. In general, these courses are 300-level or above from any of the following colleges: College of Engineering & Technology, College of Physical & Mathematical Sciences, College of Life Sciences, and the Marriott School of Business. For details and exceptions, see the department

**Requirement 4 — Complete 7 Courses**

*Supporting courses:*

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

GEOL330 Engineering Geology - Geology for Engineers 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 5 — Complete 1 of 2 Courses**

CCE231 Global Leadership - Global Leadership 3.0

**Requirement 6 — Complete 1 of 2 Courses**

*Culminating design courses (technical elective):*

CE439 Water Resources Study Abroad - Water Resources Study Abroad 3.0

CE472 Civil Engineering Design - Civil Engineering Design 3.0

**Requirement 7 — Complete 9 hours**

*Technical Electives: Complete 9 additional technical elective credits from the following (NOTE: a course taken as a major requirement course may not double count as a technical elective course):*

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CE421 Structural Steel Design - Structural Steel Design 3.0

CE424 Reinforced Concrete Design - Reinforced Concrete Design 3.0

CE331 Hydrology - Hydrology 3.0

CE433 Hydraulic Engineering - Hydraulic Engineering 3.0

CE439 Water Resources Study Abroad - Water Resources Study Abroad 3.0

CE442 Foundation Engineering - Foundation Engineering 3.0

CE461 Geometric Design of Highways - Geometric Design of Highways 3.0

CE472 Civil Engineering Design - Civil Engineering Design 3.0

CE495R Global Projects - Global Projects - *You may take once* 0.5v

CE500 Design & Materials Applicatns - Design & Materials Applicatns 3.0

CE501 Stress Analysis & Design - Stress Analysis & Design 3.0

CE504 Computer Struc Optimization - Computer Struc Optimization 3.0

CE505 Port Cement Design & Analysis - Port Cement Design & Analysis 3.0

CE507 Linear Finite Element Methods - Linear Finite Element Methods 3.0

webpage.

**Requirement 4.4 — Obtain confirmation from your advisement center that you have completed the following:**

D. At least 3 hours, but no more than 6 hours, of the above technical electives (OPTIONS 4.2 and 4.3) must be from courses that focus on Engineering Problem Solving through Experiential Learning (EPSEL) from which a senior thesis is produced and delivered. Example courses satisfying The EPSEL requirement are found below. See the department website for a full list of approved courses and more information on the senior thesis requirements.

Courses and Combinations of Courses Satisfying the EPSEL Requirement: CH EN 461 (3 credits), CH EN 499 (3 credits), CH EN 199R (1 credit) + CH EN 496 (3 credits), CH EN 495R (3 credits), ME EN 475 + ME EN 476 (6 total credits). EPSEL courses are classified as ENG.

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Pass a basic competency exam (L3 exam) administered by the Chemical Engineering Department or pass the FE (fundamentals of engineering) exam. All students in the chemical engineering program must pass a competency exam based on the foundational principles of chemical engineering that are taught in the program courses. The exam will be administered during the senior year with the specific dates announced each year by the Chemical Engineering Department. Each fall, the department will supply written rules, guidelines, and reference material to help students prepare to take the exam.

CE508 Structural Vibrations - Structural Vibrations 3.0

CE514 Geospatial Software Dev - Geospatial Software Dev 3.0

CE521 Adv Structural Steel Design - Adv Structural Steel Design 3.0

CE525 Bridge Structures - Bridge Structures 3.0

CE526 Bridge Preservation - Bridge Preservation 1.5

CE528 Masonry Design - Masonry Design 3.0

CE529 Structural Wood Design - Structural Wood Design 3.0

CE531 Hydrologic Modeling - Hydrologic Modeling 3.0

CE533 Adv. Hydraulic Routing - Adv. Hydraulic Routing 3.0

CE534 Hydroinformatics - Hydroinformatics 3.0

CE535 Hydraulic Design of Channels - Hydraulic Design of Channels 3.0

CE540 Geo-Environmental Engineering - Geo-Environmental Engineering 3.0

CE542 Deep Foundations - Deep Foundations 3.0

CE543 Chemical Stabilization - Chemical Stabilization 1.5

CE544 Seepage & Slope Stability - Seepage & Slope Stability 3.0

CE545 Geotech Analysis of Earthquake - Geotech Analysis of Earthquake 3.0

CE547 Groundwater Modeling - Groundwater Modeling 3.0

CE551 Water Treatment Fac Design - Water Treatment Fac Design 3.0

CE555 Environmental Chemistry - Environmental Chemistry 3.0

CE562 Traffic Engineering - Traffic Engineering 3.0

CE563 Pavement Design - Pavement Design 3.0

CE565 Urban Transportation Planning - Urban Transportation Planning 3.0

CE566 Pavement Management - Pavement Management 3.0

CE568 Asphalt Mixture Design - Asphalt Mixture Design 1.5

CE570 CAE Software Development - CAE Software Development 3.0

CE575 Optimization Techniques - Optimization Techniques 3.0

CE580 Technical Writing - Technical Writing 1.5

CE594R Selected Problems in CE - Selected Problems in CE - *You may take up to 9.0 credit hours* 1.0v

**Requirement 8 — Complete 2 of 5 Options**

**Option 8.1 — Complete 1 of 2 Courses**

CE421 Structural Steel Design - Structural Steel Design 3.0

CE424 Reinforced Concrete Design - Reinforced Concrete Design 3.0

**Option 8.2 — Complete 1 of 2 Courses**

CE331 Hydrology - Hydrology 3.0

CE433 Hydraulic Engineering - Hydraulic Engineering 3.0

**Option 8.3 — Complete 1 Course**

CE442 Foundation Engineering - Foundation Engineering 3.0

**Option 8.4 — Complete 1 Course**

CE461 Geometric Design of Highways - Geometric Design of Highways 3.0

**Option 8.5 — Complete 1 Course**

CE551 Water Treatment Fac Design - Water Treatment Fac Design 3.0

## 393540 - Computer Engineering (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Computer Engineering | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 90 | 90 |

**Major Academic Plan**

MAP - BS in Computer Engineering 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Engineering Problems | An ability to identify formulate and solve complex engineering problems by applying principles of engineering science and mathematics. |
| Engineering Design | An ability to apply engineering design to produce solutions that meet specified needs with consideration for public health safety and welfare as well as global cultural social environmental and economic factor. |
| Communication | An ability to communicate effectively with a range of audiences. |
| Ethics | An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments which must consider the impact of engineering solutions in global economic environmental and societal contexts. |
| | An ability to function effectively on a team whose members together provide leadership create a collaborative and |

## 393550 - Electrical Engineering (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Electrical Engineering | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 90 | 90 |

**Major Academic Plan**

MAPS - BS in Electrical Engineering 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Engineering Problems | An ability to identify formulate and solve complex engineering problems by applying principles of engineering science and mathematics. |
| Engineering Design | An ability to apply engineering design to produce solutions that meet specified needs with consideration for public health safety and welfare as well as global cultural social environmental and economic factors. |
| Communication | An ability to communicate effectively with a range of audiences. |
| Ethics | An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments which must consider the impact of engineering solutions in global economic environmental and societal contexts. |
| | An ability to function effectively on a team whose members together provide leadership create a collaborative and |

| Title | Learning Outcome |
| --- | --- |
| Teamwork | inclusive environment establish goals plan tasks and meet objectives. |

| Title | Learning Outcome |
| --- | --- |
| Experimentation | An ability to develop and conduct appropriate experimentation analyze and interpret data and use engineering judgment to draw conclusions. |

| Title | Learning Outcome |
| --- | --- |
| Lifelong Learning | An ability to acquire and apply new knowledge as needed using appropriate learning strategies. |

**Free Form Requirements**

*The Computer Engineering Baccalaureate program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.*

*Students are required to pass major courses with a grade of C- or better before taking follow-on courses.*

**Requirement 1 — Complete 23 Courses**

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction -Adv Software Construction 4.0

EC EN191 New Student Seminar - New Student Seminar 0.5

EC EN224 Introduction to Computer Sys - Introduction to Computer Sys 4.0

EC EN240 Circuits - Circuits 4.0

EC EN320 Digital Systems - Digital Systems 4.0

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN340 Electronic Circuit Design 1 - Electronic Circuit Design 1 4.0

EC EN380 Signals & Systems - Signals & Systems 4.0

EC EN390 Jr. Team Design Project - Jr. Team Design Project 3.0

EC EN391 Junior Seminar - Junior Seminar 0.5

EC EN475 Capstone Design 1 - Capstone Design 1 3.0

EC EN476 Capstone Design 2 - Capstone Design 2 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian

| Title | Learning Outcome |
| --- | --- |
| Teamwork | inclusive environment establish goals plan tasks and meet objectives. |

| Title | Learning Outcome |
| --- | --- |
| Experimentation | An ability to develop and conduct appropriate experimentation analyze and interpret data and use engineering judgment to draw conclusions. |

| Title | Learning Outcome |
| --- | --- |
| Lifelong Learning | An ability to acquire and apply new knowledge as needed using appropriate learning strategies. |

**Free Form Requirements**

*The Electrical Engineering Baccalaureate program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.*

*Students are required to pass major courses with a grade of C- or better before taking follow-on courses.*

**Requirement 1 — Complete 22 Courses**

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

EC EN191 New Student Seminar - New Student Seminar 0.5

EC EN224 Introduction to Computer Sys - Introduction to Computer Sys 4.0

EC EN240 Circuits - Circuits 4.0

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN340 Electronic Circuit Design 1 - Electronic Circuit Design 1 4.0

EC EN360 EM Fields and Waves - EM Fields and Waves 4.0

EC EN380 Signals & Systems - Signals & Systems 4.0

EC EN390 Jr. Team Design Project - Jr. Team Design Project 3.0

EC EN391 Junior Seminar - Junior Seminar 0.5

EC EN475 Capstone Design 1 - Capstone Design 1 3.0

EC EN476 Capstone Design 2 - Capstone Design 2 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

**Requirement 2 — Complete 2 Requirements**

**Requirement 2.1 — Complete 1 of 2 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

**Requirement 2.2 — Complete 1 of 2 Courses**

*Note: WRTG 312 recommended.*

WRTG312 Persuasive Writing - Persuasive Writing 3.0

WRTG316 Technical Communication - Technical Communication 3.0

*Complete at least 12 credit hours of TECHNICAL ELECTIVES from the following two requirements.*

**Requirement 3 — Complete 8 hours**

*Technical Electives:*

EC EN423 Computer Organization - Computer Organization 4.0

EC EN425 Real-Time Operating Systems - Real-Time Operating Systems 4.0

EC EN426 Computer Networks - Computer Networks 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

**Requirement 4 — Complete 4 hours**

*Technical Electives. (Note: EC En courses will not double count.) Other courses may be approved by the department.*

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

EC EN 423 - Computer Organization - *This course is no longer available*

Mechanics 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

**Requirement 2 — Complete 2 Requirements**

**Requirement 2.1 — Complete 1 of 2 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

**Requirement 2.2 — Complete 1 of 2 Courses**

*Note: WRTG 312 recommended*

WRTG312 Persuasive Writing - Persuasive Writing 3.0

WRTG316 Technical Communication - Technical Communication 3.0

*Complete at least 16 credit hours of TECHNICAL ELECTIVES from the following two requirements.*

**Requirement 3 — Complete 8 hours**

*Technical Electives:*

EC EN445 Mixed-Signal VLSI - Mixed-Signal VLSI 4.0

EC EN446 Power Electronics - Power Electronics 4.0

EC EN450 Intro Semicond Dev - Intro Semicond Dev 3.0

EC EN452 Experiments in IC Development - Experiments in IC Development 1.0

EC EN462 EM Radiation & Propagation - EM Radiation & Propagation 2.0

EC EN464 Wireless Communicatn Circuits - Wireless Communicatn Circuits 2.0

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

EC EN483 Design of Control Systems - Design of Control Systems 4.0

EC EN485 Digital Communication Theory - Digital Communication Theory 4.0

EC EN487 Introduction to DSP - Introduction to DSP 4.0

**Requirement 4 — Complete 8 hours**

*Technical Electives. (Note: EC En courses will not double count.) Other engineering, mathematics, physics, or computer science courses as specified or approved by the EC En department are also acceptable.*

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

*for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 4.0

EC EN360 EM Fields and Waves - EM Fields and Waves 4.0

EC EN412 Biomedical Instrumentation - Biomedical Instrumentation 4.0

09761-006 - Missing course - Computer Systems 4.0

EC EN425 Real-Time Operating Systems - Real-Time Operating Systems 4.0

EC EN426 Computer Networks - Computer Networks 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN445 Mixed-Signal VLSI - Mixed-Signal VLSI 4.0

EC EN446 Power Electronics - Power Electronics 4.0

EC EN450 Intro Semicond Dev - Intro Semicond Dev 3.0

EC EN452 Experiments in IC Development - Experiments in IC Development 1.0

EC EN462 EM Radiation & Propagation - EM Radiation & Propagation 2.0

EC EN464 Wireless Communicatn Circuits - Wireless Communicatn Circuits 2.0

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

EC EN483 Design of Control Systems - Design of Control Systems 4.0

EC EN485 Digital Communication Theory - Digital Communication Theory 4.0

EC EN487 Introduction to DSP - Introduction to DSP 4.0

IT&C567 Cybersecurity & Pen Test - Cybersecurity & Pen Test 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete the department exit survey and interview.

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Intro to User Interface Softwr 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

EC EN320 Digital Systems - Digital Systems 4.0

EC EN412 Biomedical Instrumentation - Biomedical Instrumentation 4.0

EC EN423 Computer Organization - Computer Organization 4.0

EC EN425 Real-Time Operating Systems - Real-Time Operating Systems 4.0

EC EN426 Computer Networks - Computer Networks 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN445 Mixed-Signal VLSI - Mixed-Signal VLSI 4.0

EC EN446 Power Electronics - Power Electronics 4.0

EC EN450 Intro Semicond Dev - Intro Semicond Dev 3.0

EC EN452 Experiments in IC Development - Experiments in IC Development 1.0

EC EN462 EM Radiation & Propagation - EM Radiation & Propagation 2.0

EC EN464 Wireless Communicatn Circuits - Wireless Communicatn Circuits 2.0

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

EC EN483 Design of Control Systems - Design of Control Systems 4.0

EC EN485 Digital Communication Theory - Digital Communication Theory 4.0

EC EN487 Introduction to DSP - Introduction to DSP 4.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

MATH352 Intro to Complex Analysis - Intro to Complex Analysis 3.0

07426-000 - Missing course - Graph Theory 3.0

MATH371 Abstract Algebra 1 - Abstract Algebra 1 3.0

MATH372 Abstract Algebra 2 - Abstract Algebra 2 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH447 Intro Partial Differential Eqs - Intro Partial Differential Eqs 3.0

06378-003 - Missing course - Combinatorics 3.0

MATH487 Number Theory - Number Theory 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete the department exit interview.

## 394941 - Mechanical Engineering: Aerospace (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Mechanical Engineering: Aerospace | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 101.5 | 101.5 |

**Major Academic Plan**

MAP - BS in Mechanical Engineering 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| SO-1. Complex Engineering Problems | An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. |
| SO-2. Engineering Design | An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors. |
| SO-3. Communication | An ability to communicate effectively with a range of audiences. |
| SO-4. Ethics and Professionalism | An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts. |
| | An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish |

## 394950 - Mechanical Engineering (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Mechanical Engineering | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 101.5 | 101.5 |

**Major Academic Plan**

BS - Mechanical Engineering 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| SO-1. Complex Engineering Problems | An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. |
| SO-2. Engineering Design | An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors. |
| SO-3. Communication | An ability to communicate effectively with a range of audiences. |
| SO-4. Ethics and Professionalism | An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts. |
| SO-5. Teamwork | An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives. |

| Title | Learning Outcome |
|---|---|
| SO-5. Teamwork | inclusive environment, establish goals, plan tasks, and meet objectives. |

| Title | Learning Outcome |
|---|---|
| SO-6. Experimentation | An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions. |

| Title | Learning Outcome |
|---|---|
| SO-7. New Knowledge | An ability to acquire and apply new knowledge as needed, using appropriate learning strategies. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*On gaining acceptance into the professional program, students must maintain a minimum university cumulative grade point average of 2.0.*

*No more than 6 credit hours or two courses of grades below C- in major courses may be applied toward graduation.*

*A professional program course may not be retaken more than once.*

**Requirement 1 — Complete 1 of 4 Courses**

BIO100 Principles of Biology - Principles of Biology 3.0

CELL120 Science of Biology - Science of Biology 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

**Requirement 2 — Complete 3 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

**Requirement 3 — Complete 1 of 2 Options**

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

**Requirement 4 — Complete 1 of 2 Options**

**Option 4.1 — Complete 4 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

| Title | Learning Outcome |
|---|---|
| SO-6. Experimentation | An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions. |

| Title | Learning Outcome |
|---|---|
| SO-7. New Knowledge | An ability to acquire and apply new knowledge as needed, using appropriate learning strategies. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*On gaining acceptance into the professional program, students must maintain a minimum university cumulative grade point average of 2.0.*

*No more than 6 credit hours or two courses of grades below C- in required program courses (including pre-professional and professional courses) may be applied toward graduation.*

*A professional program course may not be retaken more than once.*

*At least 30 of the 51.5 credit hours of Mechanical Engineering (ME EN) courses must be earned at BYU.*

**Requirement 1 — Complete 1 of 4 Courses**

BIO100 Principles of Biology - Principles of Biology 3.0

CELL120 Science of Biology - Science of Biology 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

**Requirement 2 — Complete 3 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

**Requirement 3 — Complete 1 of 2 Courses**

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

**Requirement 4 — Complete 1 of 2 Options**

*Mathematics core sequences:*

**Option 4.1 — Complete 4 Courses**

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

**Option 4.2 — Complete 2 Requirements**

**Requirement 4.2.1 — Complete 4 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

**Requirement 4.2.2 — Complete 1 of 2 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH 313 - Elementary Linear Algebra - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

**Requirement 5 — Complete 5 Courses**

*Preprofessional engineering courses:*

CCE203 Engr Mechanics - Materials - Engr Mechanics - Materials 3.0

CE204 Engr Mechanics - Dynamics - Engr Mechanics - Dynamics 3.0

EC EN301 Elements of Electrical Engr - Elements of Electrical Engr 3.0

ME EN101 Static Systems in Me En - Static Systems in Me En 3.0

ME EN191 New Student Seminar - New Student Seminar 0.5

**Requirement 6 — Complete 13 Courses**

*Professional mechanical engineering core:*

ME EN250 Materials Science - Materials Science 3.0

ME EN272 Engineering Graphics - Engineering Graphics 3.0

ME EN275 Computational Methods - Computational Methods 3.0

ME EN312 Fluid Mechanics - Fluid Mechanics 3.0

ME EN321 Thermodynamics - Thermodynamics 3.0

ME EN330 Design of Mechatronic Systems - Design of Mechatronic Systems 3.0

ME EN335 Dynamic System Modeling- Dynamic System Modeling 3.0

ME EN340 Heat Transfer - Heat Transfer 3.0

ME EN362 Engineering Measurements - Engineering Measurements 3.0

ME EN372 Mechanical Sys Dsgn Fundmntls - Mechanical Sys Dsgn Fundmntls 3.0

ME EN382 Manufacturing Processes - Manufacturing Processes 3.0

ME EN475 Integrated Prodct&Proc Desgn 1 - Integrated Prodct&Proc Desgn 1 3.0

ME EN476 Product Dev 2 - Capstone - Product Dev 2 - Capstone 3.0

**Requirement 7 — Complete 1 Course**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

**Option 4.2 — Complete 2 Requirements**

**Requirement 4.2.1 — Complete 4 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

**Requirement 4.2.2 — Complete 1 of 2 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH 313 - Elementary Linear Algebra

**Requirement 5 — Complete 5 Courses**

*Preprofessional engineering courses:*

CCE203 Engr Mechanics - Materials - Engr Mechanics - Materials 3.0

CE204 Engr Mechanics - Dynamics - Engr Mechanics - Dynamics 3.0

EC EN301 Elements of Electrical Engr - Elements of Electrical Engr 3.0

ME EN101 Static Systems in Me En - Static Systems in Me En 3.0

ME EN191 New Student Seminar - New Student Seminar 0.5

**Requirement 6 — Complete 13 Courses**

*Professional mechanical engineering core:*

ME EN250 Materials Science - Materials Science 3.0

ME EN272 Engineering Graphics - Engineering Graphics 3.0

ME EN275 Computational Methods - Computational Methods *3.0*

ME EN312 Fluid Mechanics - Fluid Mechanics 3.0

ME EN321 Thermodynamics - Thermodynamics 3.0

ME EN330 Design of Mechatronic Systems - Design of Mechatronic Systems 3.0

ME EN335 Dynamic System Modeling - Dynamic System Modeling 3.0

ME EN340 Heat Transfer - Heat Transfer 3.0

ME EN362 Engineering Measurements - Engineering Measurements 3.0

ME EN372 Mechanical Sys Dsgn Fundmntls - Mechanical Sys Dsgn Fundmntls 3.0

ME EN382 Manufacturing Processes - Manufacturing Processes 3.0

ME EN475 Integrated Prodct&Proc Desgn 1 - Integrated Prodct&Proc Desgn 1 3.0

ME EN476 Product Dev 2 - Capstone - Product Dev 2 - Capstone 3.0

**Requirement 7 — Complete 1 Course**

*Supporting courses:*

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 8 — Complete 1 Course**

ME EN231 Leadership in a Global Context - Leadership in a Global Context 3.0

**Requirement 9 — Complete 3 hours**

ME EN415 Flight Vehicle Design - Flight Vehicle Design 3.0

ME EN426 Gas Turbine &Jet Engine Design - Gas Turbine &Jet Engine Design 3.0

*Note: Courses used above cannot double count in Requirements 9 and10*

**Requirement 10 — Complete 6 hours**

ME EN412 Applications of Fluid Dynamics - Applications of Fluid Dynamics 3.0

ME EN415 Flight Vehicle Design - Flight Vehicle Design 3.0

ME EN426 Gas Turbine &Jet Engine Design - Gas Turbine &Jet Engine Design 3.0

ME EN431 Design of Control Systems - Design of Control Systems 4.0

ME EN456 Composite Material Design - Composite Material Design 3.0

ME EN510 Compressible Fluid Flow - Compressible Fluid Flow 3.0

ME EN515 Aerodynamics - Aerodynamics 3.0

ME EN534 Dynamics of Mech Systems - Dynamics of Mech Systems 3.0

ME EN535 Mechanical Vibrations - Mechanical Vibrations 3.0

ME EN575 Optimization Techniques- Optimization Techniques 3.0

**Requirement 11 — Complete 3 hours**

*A course can be added to this list by request if the course can be shown to strengthen the engineering education of the student by a) deepening the student's understanding of engineering and/or science fundamentals, b) helping the student learn to apply engineering fundamentals in specific areas of interest, and/or c) helping the student to develop critical skills related to engineering practice.*

No course used to satisfy other major requirements for graduation may be used as an elective.

**Option 11.1 — Complete up to 12 hours**

ME EN412 Applications of Fluid Dynamics - Applications of Fluid Dynamics 3.0

ME EN415 Flight Vehicle Design - Flight Vehicle Design 3.0

ME EN422 Applied Thermodynamics - Applied Thermodynamics 3.0

ME EN425 Internal Combustion Engines - Internal Combustion Engines 3.0

ME EN426 Gas Turbine &Jet Engine Design - Gas Turbine &Jet Engine Design 3.0

ME EN431 Design of Control Systems - Design of Control Systems 4.0

ME EN437 Kinematics - Kinematics 3.0

ME EN450 Materials Selection - Materials Selection 3.0

*Supporting courses:*

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 8 — Complete 1 Course**

ME EN231 Leadership in a Global Context - Leadership in a Global Context 3.0

**Requirement 9 — Complete 12 hours**

*Complete 12.0 hours from the following options:*

The purpose of these courses is to strengthen the engineering education of the student by a) deepening the student's understanding of engineering and/or science fundamentals, b) helping the student learn to apply engineering fundamentals in specific areas of interest, and/or c) helping the student to develop critical skills related to engineering practice.

The technical electives are normally 400-level or higher mechanical engineering courses, but other courses may be used as long as the following requirements are met:

-- At least two courses (6 credit hours) must be in mechanical engineering

-- No courses may be below the 300 level.

-- A maximum of 3 credit hours in ME EN 497R or other project courses may be applied to meet technical elective requirements.

-- All courses must be selected from the following list. If a student wishes to count a course outside these areas as an elective, approval must be granted before the course is taken. Approval is requested by submitting a petition to the department undergraduate committee that lists all of the proposed electives and demonstrates how the proposed exception meets the purposes described above.

-- No course used to satisfy other major requirements for graduation may be used as an elective.

**Option 9.1 — Complete up to 12 hours**

ME EN351 Fund of Biomedical Engineering- Fund of Biomedical Engineering 3.0

ME EN412 Applications of Fluid Dynamics - Applications of Fluid Dynamics 3.0

ME EN415 Flight Vehicle Design - Flight Vehicle Design 3.0

ME EN422 Applied Thermodynamics - Applied Thermodynamics 3.0

ME EN425 Internal Combustion Engines - Internal Combustion Engines 3.0

ME EN426 Gas Turbine &Jet Engine Design - Gas Turbine &Jet Engine Design 3.0

ME EN431 Design of Control Systems - Design of Control Systems 4.0

ME EN437 Kinematics - Kinematics 3.0

ME EN450 Materials Selection - Materials Selection 3.0

ME EN456 Composite Material Design - Composite Material Design 3.0

ME EN472 Mechncl Systms Dsgn Applctns - Mechncl Systms Dsgn Applctns 3.0

ME EN473 Interdisciplinary Innovation - Interdisciplinary Innovation 3.0

ME EN456 Composite Material Design - Composite Material Design 3.0

ME EN472 Mechncl Systms Dsgn Applctns - Mechncl Systms Dsgn Applctns 3.0

ME EN473 Interdisciplinary Innovation - Interdisciplinary Innovation 3.0

ME EN479 Singapore Design and Develop - Singapore Design and Develop 0.0v

ME EN494R Global Projects - Global Projects - *You may take once* 0.5v

ME EN495R Mentored Coursework - Mentored Coursework - *You may take 2 times* 0.5v

ME EN497R Mentored Projects - Mentored Projects - *You may take 2 times* 0.5v

ME EN500 Design & Materials Applicatns - Design & Materials Applicatns 3.0

ME EN501 Stress Analysis & Design - Stress Analysis & Design 3.0

ME EN504 Computer Struc Optimization - Computer Struc Optimization 3.0

ME EN505 Applied Engineering Math - Applied Engineering Math 3.0

ME EN507 Linear Finite Element Methods - Linear Finite Element Methods 3.0

ME EN508 Structural Vibrations - Structural Vibrations 3.0

ME EN510 Compressible Fluid Flow - Compressible Fluid Flow 3.0

ME EN512 Intrmd Fluid Dyn - Intrmd Fluid Dyn 3.0

ME EN515 Aerodynamics - Aerodynamics 3.0

ME EN521 Intermediate Thermodynamics - Intermediate Thermodynamics 3.0

ME EN522 Combustion - Combustion 3.0

ME EN534 Dynamics of Mech Systems - Dynamics of Mech Systems 3.0

ME EN535 Mechanical Vibrations - Mechanical Vibrations 3.0

ME EN537 Robotics - Robotics 3.0

ME EN538 Compliant Mechanisms - Compliant Mechanisms 3.0

ME EN540 Intrmd Heat & Mass Transfer - Intrmd Heat & Mass Transfer 3.0

ME EN541 Comput Fluids & Heat Transfer - Comput Fluids & Heat Transfer 3.0

ME EN550 MEMS - MEMS 3.0

ME EN552 Neuromechanics of Movement - Neuromechanics of Movement 3.0

ME EN553 Mechanical Behavior- Mechanical Behavior 3.0

ME EN555 Intro to Biomechanical Engr - Intro to Biomechanical Engr 3.0

ME EN556 Materials Modeling - Materials Modeling 3.0

ME EN557 Extreme Environments - Extreme Environments 3.0

ME EN558 Metallurgy - Metallurgy 3.0

ME EN479 Singapore Design and Develop - Singapore Design and Develop 0.0v

ME EN494R Global Projects - Global Projects - *You may take once* 0.5v

ME EN495R Mentored Coursework - Mentored Coursework - *You may take 2 times* 0.5v

ME EN497R Mentored Projects - Mentored Projects - *You may take 2 times* 0.5v

ME EN500 Design & Materials Applicatns - Design & Materials Applicatns 3.0

ME EN501 Stress Analysis & Design - Stress Analysis & Design 3.0

ME EN504 Computer Struc Optimization - Computer Struc Optimization 3.0

ME EN505 Applied Engineering Math - Applied Engineering Math 3.0

ME EN507 Linear Finite Element Methods - Linear Finite Element Methods 3.0

ME EN508 Structural Vibrations - Structural Vibrations 3.0

ME EN510 Compressible Fluid Flow - Compressible Fluid Flow 3.0

ME EN512 Intrmd Fluid Dyn - Intrmd Fluid Dyn 3.0

ME EN515 Aerodynamics - Aerodynamics 3.0

ME EN521 Intermediate Thermodynamics - Intermediate Thermodynamics 3.0

ME EN522 Combustion - Combustion 3.0

ME EN 533 - Autonomous Systems 3.0

ME EN534 Dynamics of Mech Systems - Dynamics of Mech Systems 3.0

ME EN535 Mechanical Vibrations - Mechanical Vibrations 3.0

ME EN537 Robotics - Robotics 3.0

ME EN538 Compliant Mechanisms - Compliant Mechanisms 3.0

ME EN540 Intrmd Heat & Mass Transfer - Intrmd Heat & Mass Transfer 3.0

ME EN541 Comput Fluids & Heat Transfer - Comput Fluids & Heat Transfer 3.0

ME EN550 MEMS - MEMS 3.0

ME EN552 Neuromechanics of Movement - Neuromechanics of Movement 3.0

ME EN553 Mechanical Behavior- Mechanical Behavior 3.0

ME EN555 Intro to Biomechanical Engr - Intro to Biomechanical Engr 3.0

ME EN556 Materials Modeling - Materials Modeling 3.0

ME EN557 Extreme Environments - Extreme Environments 3.0

ME EN558 Metallurgy - Metallurgy 3.0

ME EN561 Fundamentals of Acoustics - Fundamentals of Acoustics 3.0

ME EN570 CAE Software Development- CAE Software Development 3.0

ME EN572 Design for Additive Mfg - Design for Additive Mfg 3.0

ME EN575 Optimization Techniques - Optimization Techniques 3.0

ME EN561 Fundamentals of Acoustics - Fundamentals of Acoustics 3.0

ME EN570 CAE Software Development- CAE Software Development 3.0

ME EN572 Design for Additive Mfg - Design for Additive Mfg 3.0

ME EN575 Optimization Techniques - Optimization Techniques 3.0

ME EN576 Product Design - Product Design 3.0

ME EN577 Uncertainty Quantification - Uncertainty Quantification 3.0

ME EN578 Systems En & CAD Applications - Systems En & CAD Applications 3.0

ME EN579 Global Product Development - Global Product Development 3.0

ME EN595R Topics in Materials- Topics in Materials - *You may take once* 0.5v

ME EN595R Advanced Dynamics - Advanced Dynamics - *You may take once* 0.5v

ME EN595R Special Topics in Mech Engr - Special Topics in Mech Engr - *You may take once* 0.5v

ME EN595R Topics in Mechanical Design - Topics in Mechanical Design - *You may take once* 0.5v

**Option 11.2 — Complete up to 6 hours**

CCE306 Concrete, Masonry, & Asphalt - Concrete, Masonry, & Asphalt 1.5

CCE304 Metals, Woods, & Composites - Metals, Woods, & Composites 1.5

CE321 Structural Analysis - Structural Analysis 3.0

CE361 Intro to Transportation Engr - Intro to Transportation Engr 3.0

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CE421 Structural Steel Design - Structural Steel Design 3.0

CE424 Reinforced Concrete Design - Reinforced Concrete Design 3.0

CE331 Hydrology - Hydrology 3.0

CE433 Hydraulic Engineering - Hydraulic Engineering 3.0

CE439 Water Resources Study Abroad - Water Resources Study Abroad 3.0

CE442 Foundation Engineering - Foundation Engineering 3.0

CE451 Environmental Engineering Proc - Environmental Engineering Proc 3.0

CE461 Geometric Design of Highways - Geometric Design of Highways 3.0

CE472 Civil Engineering Design - Civil Engineering Design 3.0

CE500 Design & Materials Applicatns - Design & Materials Applicatns 3.0

CE501 Stress Analysis & Design - Stress Analysis & Design 3.0

CE504 Computer Struc Optimization - Computer Struc Optimization 3.0

CE505 Port Cement Design & Analysis - Port Cement Design & Analysis 3.0

CE507 Linear Finite Element Methods - Linear Finite Element Methods

ME EN576 Product Design - Product Design 3.0

ME EN577 Uncertainty Quantification - Uncertainty Quantification 3.0

ME EN578 Systems En & CAD Applications - Systems En & CAD Applications 3.0

ME EN579 Global Product Development - Global Product Development 3.0

ME EN595R Topics in Materials- Topics in Materials - *You may take once* 0.5v

ME EN595R Advanced Dynamics - Advanced Dynamics - *You may take once* 0.5v

ME EN595R Special Topics in Mech Engr - Special Topics in Mech Engr - *You may take once* 0.5v

ME EN595R Topics in Mechanical Design - Topics in Mechanical Design - *You may take once* 0.5v

**Option 9.2 — Complete up to 6 hours**

CCE306 Concrete, Masonry, & Asphalt - Concrete, Masonry, & Asphalt 1.5

CCE304 Metals, Woods, & Composites - Metals, Woods, & Composites 1.5

CE321 Structural Analysis - Structural Analysis 3.0

CE361 Intro to Transportation Engr - Intro to Transportation Engr 3.0

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CE421 Structural Steel Design - Structural Steel Design 3.0

CE424 Reinforced Concrete Design - Reinforced Concrete Design 3.0

CE331 Hydrology - Hydrology 3.0

CE433 Hydraulic Engineering - Hydraulic Engineering 3.0

CE439 Water Resources Study Abroad - Water Resources Study Abroad 3.0

CE442 Foundation Engineering - Foundation Engineering 3.0

CE451 Environmental Engineering Proc - Environmental Engineering Proc 3.0

CE461 Geometric Design of Highways - Geometric Design of Highways 3.0

CE472 Civil Engineering Design - Civil Engineering Design 3.0

CE500 Design & Materials Applicatns - Design & Materials Applicatns 3.0

CE501 Stress Analysis & Design - Stress Analysis & Design 3.0

CE 503 - Plasticity & Fracture 3.0

CE504 Computer Struc Optimization - Computer Struc Optimization 3.0

CE505 Port Cement Design & Analysis - Port Cement Design & Analysis 3.0

CE507 Linear Finite Element Methods - Linear Finite Element Methods 3.0

CE508 Structural Vibrations - Structural Vibrations 3.0

CE514 Geospatial Software Dev - Geospatial Software Dev 3.0

3.0

CE508 Structural Vibrations - Structural Vibrations 3.0

CE514 Geospatial Software Dev - Geospatial Software Dev 3.0

CE521 Adv Structural Steel Design - Adv Structural Steel Design 3.0

CE523 Aircraft Structures - Aircraft Structures 3.0

CE525 Bridge Structures - Bridge Structures 3.0

CE526 Bridge Preservation - Bridge Preservation 1.5

CE528 Masonry Design - Masonry Design 3.0

CE529 Structural Wood Design - Structural Wood Design 3.0

CE531 Hydrologic Modeling - Hydrologic Modeling 3.0

CE533 Adv. Hydraulic Routing - Adv. Hydraulic Routing 3.0

CE534 Hydroinformatics - Hydroinformatics 3.0

CE535 Hydraulic Design of Channels - Hydraulic Design of Channels 3.0

CE540 Geo-Environmental Engineering - Geo-Environmental Engineering 3.0

CE542 Deep Foundations - Deep Foundations 3.0

CE544 Seepage & Slope Stability - Seepage & Slope Stability 3.0

CE545 Geotech Analysis of Earthquake - Geotech Analysis of Earthquake 3.0

CE547 Groundwater Modeling - Groundwater Modeling 3.0

CE551 Water Treatment Fac Design - Water Treatment Fac Design 3.0

CE555 Environmental Chemistry - Environmental Chemistry 3.0

CE562 Traffic Engineering - Traffic Engineering 3.0

CE563 Pavement Design - Pavement Design 3.0

CE565 Urban Transportation Planning - Urban Transportation Planning 3.0

CE566 Pavement Management - Pavement Management 3.0

CE570 CAE Software Development - CAE Software Development 3.0

CE575 Optimization Techniques - Optimization Techniques 3.0

CELL305 Human Physiology - Human Physiology 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 - Majors 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 - Majors 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

CE514 Geospatial Software Dev - Geospatial Software Dev 3.0

CE521 Adv Structural Steel Design - Adv Structural Steel Design 3.0

CE523 Aircraft Structures - Aircraft Structures 3.0

CE525 Bridge Structures - Bridge Structures 3.0

CE526 Bridge Preservation - Bridge Preservation 1.5

CE528 Masonry Design - Masonry Design 3.0

CE529 Structural Wood Design - Structural Wood Design 3.0

CE531 Hydrologic Modeling - Hydrologic Modeling 3.0

CE533 Adv. Hydraulic Routing - Adv. Hydraulic Routing 3.0

CE534 Hydroinformatics - Hydroinformatics 3.0

CE535 Hydraulic Design of Channels - Hydraulic Design of Channels 3.0

CE540 Geo-Environmental Engineering - Geo-Environmental Engineering 3.0

CE542 Deep Foundations - Deep Foundations 3.0

CE544 Seepage & Slope Stability - Seepage & Slope Stability 3.0

CE545 Geotech Analysis of Earthquake - Geotech Analysis of Earthquake 3.0

CE547 Groundwater Modeling - Groundwater Modeling 3.0

CE551 Water Treatment Fac Design - Water Treatment Fac Design 3.0

CE555 Environmental Chemistry - Environmental Chemistry 3.0

CE562 Traffic Engineering - Traffic Engineering 3.0

CE563 Pavement Design - Pavement Design 3.0

CE565 Urban Transportation Planning - Urban Transportation Planning 3.0

CE566 Pavement Management - Pavement Management 3.0

CE570 CAE Software Development - CAE Software Development 3.0

CE575 Optimization Techniques - Optimization Techniques 3.0

CELL305 Human Physiology - Human Physiology 4.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 1.0v

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM467 Physical Chemistry - Engineers - Physical Chemistry - Engineers 3.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory 2.0

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

CHEM552 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM555 Organic Spectroscopic Ident - Organic Spectroscopic Ident 2.0

CHEM561 Chemical Thermodynamics - Chemical Thermodynamics 3.0

CHEM563 Reaction Kinetics - Reaction Kinetics 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy 3.0

CHEM571 Polymer & Materials Chemistry - Polymer & Materials Chemistry 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CH EN386 Chemical Reaction Engineering - Chemical Reaction Engineering 3.0

CH EN410 Principles of Petroleum Engr - Principles of Petroleum Engr 3.0

CH EN412 Introd Nuclear Engineering - Introd Nuclear Engineering 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM467 Physical Chemistry - Engineers - Physical Chemistry - Engineers 3.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory 2.0

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

CHEM552 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM555 Organic Spectroscopic Ident - Organic Spectroscopic Ident 2.0

CHEM561 Chemical Thermodynamics - Chemical Thermodynamics 3.0

CHEM563 Reaction Kinetics - Reaction Kinetics 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy 3.0

CHEM571 Polymer & Materials Chemistry - Polymer & Materials Chemistry 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CH EN386 Chemical Reaction Engineering - Chemical Reaction Engineering 3.0

CH EN410 Principles of Petroleum Engr - Principles of Petroleum Engr 3.0

CH EN412 Introd Nuclear Engineering - Introd Nuclear Engineering 3.0

CH EN433 Energy Engineering - Energy Engineering 3.0

CH EN436 Process Control & Dynamics - Process Control & Dynamics 3.0

CH EN451 Plant Design & Synthesis - Plant Design & Synthesis 4.0

CH EN433 Energy Engineering - Energy Engineering 3.0

CH EN436 Process Control & Dynamics - Process Control & Dynamics 3.0

CH EN451 Plant Design & Synthesis - Plant Design & Synthesis 4.0

CH EN461 Ch En Problem Solving - Ch En Problem Solving 3.0

CH EN475 Unit Operations Lab 1 - Unit Operations Lab 1 2.0

CH EN476 Separations - Separations 3.0

CH EN477 Unit Operations Lab 2 - Unit Operations Lab 2 2.0

CH EN479 Unit Operations Laboratory - Unit Operations Laboratory 2.0

CH EN481 Semiconductor Processing - Semiconductor Processing 2.0

CH EN495R Global Projects - Global Projects - *You may take once* 0.5v

CH EN499 Mentored Research and Thesis - Mentored Research and Thesis 3.0

CH EN512 Nuclear Reactor Transient Mod. - Nuclear Reactor Transient Mod. 3.0

CH EN513 Molecular Modeling - Molecular Modeling 3.0

CH EN518 Biomedical Engin Principles - Biomedical Engin Principles 3.0

CH EN519 Biochemical Engineering - Biochemical Engineering 3.0

CH EN522 Comb Proc - Comb Proc 3.0

CH EN528 Industrial Catalytic Processes - Industrial Catalytic Processes 2.0

CH EN531 Thermodynamics Multicon Syst - Thermodynamics Multicon Syst 3.0

CH EN533 Transport Phenomena - Transport Phenomena 3.0

CH EN535 Kinetics Catalysis - Kinetics Catalysis 3.0

CH EN541 Numerical Methods for Eng. - Numerical Methods for Eng. 3.0

CH EN578 Polymer Science & Engineering - Polymer Science & Engineering 3.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming 3.0

C S329 Test, Analysis, & Verification - Test, Analysis, & Verification 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Adv Algorithms & Probl Solving - Adv Algorithms & Probl Solving 3.0

C S405 Software Business - Software Business 3.0

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S428 Software Engineering - Software Engineering 3.0

CH EN461 Ch En Problem Solving - Ch En Problem Solving 3.0

CH EN475 Unit Operations Lab 1 - Unit Operations Lab 1 2.0

CH EN476 Separations - Separations 3.0

CH EN477 Unit Operations Lab 2 - Unit Operations Lab 2 2.0

CH EN479 Unit Operations Laboratory - Unit Operations Laboratory 2.0

CH EN481 Semiconductor Processing - Semiconductor Processing 2.0

CH EN495R Global Projects - Global Projects - *You may take once* 0.5v

CH EN499 Mentored Research and Thesis - Mentored Research and Thesis 3.0

CH EN512 Nuclear Reactor Transient Mod. - Nuclear Reactor Transient Mod. 3.0

CH EN513 Molecular Modeling - Molecular Modeling 3.0

CH EN518 Biomedical Engin Principles - Biomedical Engin Principles 3.0

CH EN519 Biochemical Engineering - Biochemical Engineering 3.0

CH EN522 Comb Proc - Comb Proc 3.0

CH EN528 Industrial Catalytic Processes - Industrial Catalytic Processes 2.0

CH EN531 Thermodynamics Multicon Syst - Thermodynamics Multicon Syst 3.0

CH EN533 Transport Phenomena - Transport Phenomena 3.0

CH EN535 Kinetics Catalysis - Kinetics Catalysis 3.0

CH EN541 Numerical Methods for Eng. - Numerical Methods for Eng. 3.0

CH EN578 Polymer Science & Engineering - Polymer Science & Engineering 3.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming 3.0

C S329 Test, Analysis, & Verification - Test, Analysis, & Verification 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Adv Algorithms & Probl Solving - Adv Algorithms & Probl Solving 3.0

C S405 Software Business - Software Business 3.0

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI -Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S493R Computing Competitions - Computing Competitions - *You may take once* 3.0

C S513 Robust Control - Robust Control 3.0

13461-000 - Missing course - Computer Organization 4.0

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN340 Electronic Circuit Design 1 - Electronic Circuit Design 1 4.0

EC EN360 EM Fields and Waves - EM Fields and Waves 4.0

EC EN380 Signals & Systems - Signals & Systems 4.0

09761-006 - Missing course - Computer Systems 4.0

EC EN425 Real-Time Operating Systems - Real-Time Operating Systems 4.0

EC EN426 Computer Networks - Computer Networks 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN445 Mixed-Signal VLSI - Mixed-Signal VLSI 4.0

EC EN446 Power Electronics - Power Electronics 4.0

EC EN450 Intro Semicond Dev - Intro Semicond Dev 3.0

EC EN452 Experiments in IC Development - Experiments in IC Development 1.0

EC EN462 EM Radiation & Propagation - EM Radiation & Propagation 2.0

EC EN464 Wireless Communicatn Circuits - Wireless Communicatn Circuits 2.0

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

EC EN483 Design of Control Systems - Design of Control Systems 4.0

EC EN485 Digital Communication Theory - Digital Communication

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Intro to User Interface Softwr 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S493R Computing Competitions - Computing Competitions - *You may take once* 3.0

C S513 Robust Control - Robust Control 3.0

13461-000 - Missing course - Computer Organization 4.0

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN340 Electronic Circuit Design 1 - Electronic Circuit Design 1 4.0

EC EN360 EM Fields and Waves - EM Fields and Waves 4.0

EC EN380 Signals & Systems - Signals & Systems 4.0

09761-006 - Missing course - Computer Systems 4.0

EC EN425 Real-Time Operating Systems - Real-Time Operating Systems 4.0

EC EN426 Computer Networks - Computer Networks 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN445 Mixed-Signal VLSI - Mixed-Signal VLSI 4.0

EC EN446 Power Electronics - Power Electronics 4.0

EC EN450 Intro Semicond Dev - Intro Semicond Dev 3.0

EC EN452 Experiments in IC Development - Experiments in IC Development 1.0

EC EN462 EM Radiation & Propagation - EM Radiation & Propagation 2.0

EC EN464 Wireless Communicatn Circuits - Wireless Communicatn Circuits 2.0

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

EC EN483 Design of Control Systems - Design of Control Systems 4.0

EC EN485 Digital Communication Theory - Digital Communication Theory 4.0

EC EN487 Introduction to DSP - Introduction to DSP 4.0

EC EN521 Intro to Algorithm Design - Intro to Algorithm Design 3.0

Theory 4.0

EC EN487 Introduction to DSP - Introduction to DSP 4.0

EC EN521 Intro to Algorithm Design - Intro to Algorithm Design 3.0

EC EN523 Computer System Reliability - Computer System Reliability 3.0

EC EN526 Wireless Networking - Wireless Networking 3.0

EC EN528 High Perform Computing - Computer Architecture 3.0

EC EN541 Act/Pass Filter - Act/Pass Filter 3.0

EC EN543 CMOS Amp Design - CMOS Amp Design 3.0

EC EN548 Analog CMOS Ccts - Analog CMOS Ccts 3.0

EC EN549 VLSI Comm Circuits - VLSI Comm Circuits 3.0

EC EN550 MEMS - MEMS 3.0

EC EN551 Intro Digital VLSI Circuits - Intro Digital VLSI Circuits 3.0

EC EN555 Optoelectronic Devices - Optoelectronic Devices 3.0

EC EN560 EM Wave Theory - EM Wave Theory 3.0

EC EN562 Integrated Quantum Photonics - Integrated Quantum Photonics 3.0

EC EN563 Numerical Methods - Numerical Methods 3.0

EC EN564 Radar & Comm Systems - Radar & Comm Systems 3.0

EC EN567 Physical Optics - Physical Optics 3.0

EC EN568 Micrwv Remote Sens - Micrwv Remote Sens 3.0

EC EN576 Medical Imaging & Image Recon - Medical Imaging & Image Recon 3.0

EC EN595 Patent & IP Law Fundamentals - Patent & IP Law Fundamentals 1.0

EXSC462 Clinical Biomechanics - Clinical Biomechanics 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

IT&C548 Cyber-Physical Systems - Cyber-Physical Systems 3.0

MATH402 Model Uncertainty & Data 1 - Model Uncertainty & Data 1 3.0

MATH403 Model Uncertainty & Data 1 Lab - Model Uncertainty & Data 1 Lab 1.0

MATH404 Model Uncertainty & Data 2 - Model Uncertainty & Data 2 3.0

MATH405 Model Uncertainty & Data 2 Lab - Model Uncertainty & Data 2 Lab 1.0

MATH410 Intro to Numerical Methods - Intro to Numerical Methods 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH413 Advanced Linear Algebra - Advanced Linear Algebra 3.0

MATH431 Probability Theory - Probability Theory 3.0

MATH436 Model Dynamics & Control 1 - Model Dynamics & Control 1 3.0

MATH437 Model Dynamics & Control 1 Lab - Model Dynamics & Control 1 Lab 1.0

MATH438 Model Dynamics & Control 2 - Model Dynamics & Control 2 3.0

EC EN523 Computer System Reliability - Computer System Reliability 3.0

EC EN526 Wireless Networking - Wireless Networking 3.0

EC EN528 High Perform Computing - Computer Architecture 3.0

EC EN541 Act/Pass Filter - Act/Pass Filter 3.0

EC EN543 CMOS Amp Design - CMOS Amp Design 3.0

EC EN548 Analog CMOS Ccts - Analog CMOS Ccts 3.0

EC EN549 VLSI Comm Circuits - VLSI Comm Circuits 3.0

EC EN550 MEMS - MEMS 3.0

EC EN551 Intro Digital VLSI Circuits - Intro Digital VLSI Circuits 3.0

EC EN555 Optoelectronic Devices - Optoelectronic Devices 3.0

EC EN560 EM Wave Theory - EM Wave Theory 3.0

EC EN562 Integrated Quantum Photonics - Integrated Quantum Photonics 3.0

EC EN563 Numerical Methods - Numerical Methods 3.0

EC EN564 Radar & Comm Systems - Radar & Comm Systems 3.0

EC EN567 Physical Optics - Physical Optics 3.0

EC EN568 Micrwv Remote Sens - Micrwv Remote Sens 3.0

EC EN576 Medical Imaging & Image Recon - Medical Imaging & Image Recon 3.0

EC EN595 Patent & IP Law Fundamentals - Patent & IP Law Fundamentals 1.0

EXSC462 Clinical Biomechanics - Clinical Biomechanics 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

IT&C548 Cyber-Physical Systems - Cyber-Physical Systems 3.0

MATH402 Model Uncertainty & Data 1 - Model Uncertainty & Data 1 3.0

MATH403 Model Uncertainty & Data 1 Lab - Model Uncertainty & Data 1 Lab 1.0

MATH404 Model Uncertainty & Data 2 - Model Uncertainty & Data 2 3.0

MATH405 Model Uncertainty & Data 2 Lab - Model Uncertainty & Data 2 Lab 1.0

MATH410 Intro to Numerical Methods - Intro to Numerical Methods 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH413 Advanced Linear Algebra - Advanced Linear Algebra 3.0

MATH431 Probability Theory - Probability Theory 3.0

MATH436 Model Dynamics & Control 1 - Model Dynamics & Control 1 3.0

MATH437 Model Dynamics & Control 1 Lab - Model Dynamics & Control 1 Lab 1.0

MATH438 Model Dynamics & Control 2 - Model Dynamics & Control 2 3.0

MATH439 Model Dynamics & Control 2 Lab - Model Dynamics & Control 2 Lab 1.0

MATH447 Intro Partial Differential Eqs - Intro Partial Differential Eqs

MATH439 Model Dynamics & Control 2 Lab - Model Dynamics & Control 2 Lab 1.0

MATH447 Intro Partial Differential Eqs - Intro Partial Differential Eqs 3.0

MATH451 Introduction to Topology - Introduction to Topology 3.0

MATH465 Differential Geometry - Differential Geometry 3.0

MATH473 Group Representation Theory - Group Representation Theory 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

MATH487 Number Theory - Number Theory 3.0

MATH510 Num Methods for Linear Algebra - Num Methods for Linear Algebra 3.0

MATH511 Num Methods for Partial Diff - Num Methods for Partial Diff 3.0

MATH521 Classical Applied Mathematics - Methods of Applied Math 1 3.0

MATH522 Mathematics of Deep Learning - Methods of Applied Math 2 3.0

MATH525 Network Theory - Network Theory 3.0

MATH532 Complex Analysis - Complex Analysis 3.0

MATH534 Intro to Dynamical Systems 1 - Intro to Dynamical Systems 1 3.0

MATH536 Applied Discrete Probability - Applied Discrete Probability 3.0

MATH540 Linear Analysis - Linear Analysis 3.0

MATH541 Real Analysis - Real Analysis 3.0

MATH547 Modeling and Analysis of PDEs - Modeling and Analysis of PDEs 3.0

MATH553 Foundations of Topology 1 - Foundations of Topology 1 3.0

MATH554 Foundations of Topology 2 - Foundations of Topology 2 3.0

MATH561 Intro to Algebraic Geometry 1 - Intro to Algebraic Geometry 1 3.0

MATH562 Intro to Algebraic Geometry 2 - Intro to Algebraic Geometry 2 3.0

MATH565 Differential Geometry - Differential Geometry 3.0

MATH570 Matrix Analysis - Matrix Analysis 3.0

MATH571 Algebra 1 - Algebra 1 3.0

MATH572 Algebra 2 - Algebra 2 3.0

MATH586 Intro Algebraic Number Theory - Intro Algebraic Number Theory 3.0

MATH587 Intro to Analytic Number Thry - Intro to Analytic Number Thry 3.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN333 Industrial Automation - Industrial Automation 3.0

3.0

MATH451 Introduction to Topology - Introduction to Topology 3.0

MATH465 Differential Geometry - Differential Geometry 3.0

MATH473 Group Representation Theory - Group Representation Theory 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

MATH487 Number Theory - Number Theory 3.0

MATH510 Num Methods for Linear Algebra - Num Methods for Linear Algebra 3.0

MATH511 Num Methods for Partial Diff - Num Methods for Partial Diff 3.0

MATH521 Classical Applied Mathematics - Methods of Applied Math 1 3.0

MATH522 Mathematics of Deep Learning - Methods of Applied Math 2 3.0

MATH525 Network Theory - Network Theory 3.0

MATH532 Complex Analysis - Complex Analysis 3.0

MATH534 Intro to Dynamical Systems 1 - Intro to Dynamical Systems 1 3.0

MATH536 Applied Discrete Probability - Applied Discrete Probability 3.0

MATH540 Linear Analysis - Linear Analysis 3.0

MATH541 Real Analysis - Real Analysis 3.0

MATH547 Modeling and Analysis of PDEs - Modeling and Analysis of PDEs 3.0

MATH553 Foundations of Topology 1 - Foundations of Topology 1 3.0

MATH554 Foundations of Topology 2 - Foundations of Topology 2 3.0

MATH561 Intro to Algebraic Geometry 1 - Intro to Algebraic Geometry 1 3.0

MATH562 Intro to Algebraic Geometry 2 - Intro to Algebraic Geometry 2 3.0

MATH565 Differential Geometry - Differential Geometry 3.0

MATH570 Matrix Analysis - Matrix Analysis 3.0

MATH571 Algebra 1 - Algebra 1 3.0

MATH572 Algebra 2 - Algebra 2 3.0

MATH586 Intro Algebraic Number Theory - Intro Algebraic Number Theory 3.0

MATH587 Intro to Analytic Number Thry - Intro to Analytic Number Thry 3.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN333 Industrial Automation - Industrial Automation 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

MFGEN431 Tool Design - Tool Design 3.0

MFGEN440 Six Sigma - Six Sigma 3.0

MFGEN456 Intro to Composites - Intro to Composites 3.0

MFGEN531 Adv Computer-Aided Prog - Adv Computer-Aided Prog 3.0

MFGEN532 Mfg Systems - Mfg Systems 3.0

MFGEN533 Mfg Info Systems - Mfg Info Systems 3.0

MFGEN574 Advanced Tool Design - Advanced Tool Design 3.0

MFGEN575 Packaging Technologies - Packaging Technologies 3.0

MFGEN580 Manufacturing Simulation - Manufacturing Simulation 3.0

MSB430 Intro International Business - Intro International Business 3.0

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS360 Statistical & Thermal Physics - Statistical & Thermal Physics 3.0

PHSCS416 Writing in Physics - Writing in Physics 3.0

PHSCS427 Stellar Astrophysics - Stellar Astrophysics 3.0

PHSCS428 Galaxies and Cosmology - Galaxies and Cosmology 3.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS451 Quantum Mechanics - Quantum Mechanics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS461 Introduction to Acoustics - Introduction to Acoustics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

PHSCS540 Electr Eng Princpls & Practice - Electr Eng Princpls & Practice 2.0

PHSCS545 Intro to Plasma Physics - Intro to Plasma Physics 3.0

PHSCS561 Fundamentals of Acoustics - Fundamentals of Acoustics 3.0

PHSCS571 Lasers & Atoms - Lasers & Atoms 3.0

PHSCS581 Solid State Physics - Solid State Physics 3.0

PHSCS583 Nano and Surface Phscs - Nano and Surface Phscs 3.0

PHSCS585 Thin-Film Physics - Thin-Film Physics 3.0

PHSCS586 Trans Electron Microscopy - Trans Electron Microscopy 3.0

PHSCS587 Semiconductor Devices Phscs - Semiconductor Devices Phscs 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

MFGEN431 Tool Design - Tool Design 3.0

MFGEN440 Six Sigma - Six Sigma 3.0

MFGEN456 Intro to Composites - Intro to Composites 3.0

MFGEN531 Adv Computer-Aided Prog - Adv Computer-Aided Prog 3.0

MFGEN532 Mfg Systems - Mfg Systems 3.0

MFGEN533 Mfg Info Systems - Mfg Info Systems 3.0

MFGEN574 Advanced Tool Design - Advanced Tool Design 3.0

MFGEN575 Packaging Technologies - Packaging Technologies 3.0

MFGEN580 Manufacturing Simulation - Manufacturing Simulation 3.0

MSB430 Intro International Business - Intro International Business 3.0

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS360 Statistical & Thermal Physics - Statistical & Thermal Physics 3.0

PHSCS416 Writing in Physics - Writing in Physics 3.0

PHSCS427 Stellar Astrophysics - Stellar Astrophysics 3.0

PHSCS428 Galaxies and Cosmology - Galaxies and Cosmology 3.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS451 Quantum Mechanics - Quantum Mechanics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS461 Introduction to Acoustics - Introduction to Acoustics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

PHSCS540 Electr Eng Princpls & Practice - Electr Eng Princpls & Practice 2.0

PHSCS545 Intro to Plasma Physics - Intro to Plasma Physics 3.0

PHSCS561 Fundamentals of Acoustics - Fundamentals of Acoustics 3.0

PHSCS571 Lasers & Atoms - Lasers & Atoms 3.0

PHSCS581 Solid State Physics - Solid State Physics 3.0

PHSCS583 Nano and Surface Phscs - Nano and Surface Phscs 3.0

PHSCS585 Thin-Film Physics - Thin-Film Physics 3.0

PHSCS586 Trans Electron Microscopy - Trans Electron Microscopy 3.0

PHSCS587 Semiconductor Devices Phscs - Semiconductor Devices Phscs 3.0

PHSCS588 Scanning Electron Microscopy - Scanning Electron Microscopy 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

PHSCS588 Scanning Electron Microscopy - Scanning Electron Microscopy 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT381 Statistical Computing - Statistical Computing 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT511 Stat Methods for Research 1 - Stat Methods for Research 1 3.0

STAT512 Stat Methods for Research 2 - Stat Methods for Research 2 3.0

STAT531 Experimental Design - Experimental Design 3.0

STAT535 Linear Models - Linear Models 3.0

STAT536 Stat Learning & Data Mining - Stat Learning & Data Mining 3.0

STAT537 Mixed Model Methods - Mixed Model Methods 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

[illegible] Statistical Modeling 2 - Introduction to Regression 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT381 Statistical Computing - Statistical Computing 3.0

STAT 420 - Big Data Science 1 3.0

STAT 421 - Big Data Science 2 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT511 Stat Methods for Research 1 - Stat Methods for Research 1 3.0

STAT512 Stat Methods for Research 2 - Stat Methods for Research 2 3.0

STAT531 Experimental Design - Experimental Design 3.0

STAT535 Linear Models - Linear Models 3.0

STAT536 Stat Learning & Data Mining - Stat Learning & Data Mining 3.0

STAT537 Mixed Model Methods - Mixed Model Methods 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

## 396501 - Information Technology (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Information Technology | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 16 |

**Free Form Requirements**

**Requirement 1 — Complete 3 Courses**

IT&C101 Intro to Cybersecurity - Cornerstone: Info Tech & Cyber 3.0

IT&C210A Web Systems & Security Part 1 - Web Systems & Security Part 1 2.0

IT&C210B Web Systems & Security - Web Systems & Security 2.0

**Requirement 2 — Complete 9 hours**

*Complete three courses from the following to complete the 16 hours required for the minor.*

11919-001 - Missing course - Computer Architecture & Org 3.0

IT&C255 User Experience Design - User Experience Design 3.0

IT&C327 Digital Communications - Digital Communications 4.0

IT&C344 Operating Systems - Operating Systems 3.0

IT&C247 Networks & Security - Network Fundam. & Security 3.0

IT&C350 Database Principles & Applictn - Database Principles & Applictn 3.0

IT&C366 Defensive Cybersecurity - Info Assurance & Security 3.0

12460-001 - Missing course - Advanced Web Technologies 3.0

01787-005 - Missing course - Embedded Computer Systems 3.0

12150-001 - Missing course - Database Administration 3.0

IT&C492R Special Problems - Special Problems - *You may take once* 1.0v

IT&C515R Special Topics in IT&C - Special Topics in IT&C - *You may take once* 1.0v

IT&C529 Advanced Networking - Advanced Networking 3.0

IT&C544 System Administration - System Administration 3.0

IT&C548 Cyber-Physical Systems - Cyber-Physical Systems 3.0

IT&C555 Adv Human-Computer Interaction - Adv Human-Computer Interaction 3.0

IT&C566 Digital Forensics - Digital Forensics 3.0

IT&C567 Cybersecurity & Pen Test - Cybersecurity & Pen Test 3.0

*Note: Some of the above courses also have prerequisites, which the student must either take or satisfy in another manner. The main prerequisite is experience using a programming language, preferably C, C++, or Java (see C S 142).*

## 396502 - Manufacturing (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Manufacturing | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 16 |

**Free Form Requirements**

**Requirement 1 — Complete 3 Courses**

MFGEN130 Modern Manufacturing - Modern Manufacturing 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

**Requirement 2 — Complete 2 of 4 Courses**

MFGEN220 Material Removal - Material Removal 3.0

MFGEN230 Computer-Aided Manufacturing - Computer-Aided Manufacturing 3.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

## 396521 - Construction and Facilities Management: Construction Management

## 396527 - Cybersecurity (BS)

## Management: Construction Management (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Construction: Construction Management | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 84 | 84 |

**Major Academic Plan**

MAP - BS in Construction and Facilities Management Construction Management 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Problem Solving | An ability to identify formulate and solve broadly defined technical or scientific problems by applying knowledge of mathematics and science and/or technical topics to areas relevant to the discipline. |
| Design | An ability to formulate or design a system process procedure or program to meet desired needs. |
| Experiment and Analysis | An ability to develop and conduct experiments or test hypotheses analyze and interpret data and use scientific judgment to draw conclusions. |
| Communication | An ability to communicate effectively with a range of audiences. |
| Ethics and Professional Responsibility | An ability to understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global economic enviornmental and societal contexts. |
| Teamwork | An ability to function effectively on teams that establish goals plan tasks meet deadlines and anlyze risk and uncertainty. |

**Free Form Requirements**

*Students receiving C- or lower grades in required courses will be placed on department probationary status.*

### Program Information

| Program Title | Degree |
|---|---|
| Cybersecurity | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 75 | 75 |

**Major Academic Plan**

MAP - BS in Cybersecurity 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Problem Analysis and Solutions | Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions. |
| Design, Implement, & Evaluate Computing Solutions | Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline. |
| Communicate Effectively | Communicate effectively in a variety of professional contexts. |
| Legal & Ethical Judgment | Recognize professional responsibilities and make informed judgements in computing practice based on legal and ethical principles. |
| Teamwork and Management | Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline. |
| Security Principles and Practices | Apply security principles and practices to maintain operations in the presence of risks and threats. |

**Free Form Requirements**

*Students must have a minimum of 120 total hours to graduate with this major.*

**Requirement 1 — Complete 6 Courses**

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

MATH112 Calculus 1 - Calculus 1 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

**Requirement 1 — Complete 16 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

CCE101 Intro to Civil/Const Engr - Intro to Civil/Const Engr 1.0

CCE113 Construction Modeling - Construction Modeling 3.0

CCE270 Computational Methods - Computer Methods 3.0

CCE102 Sustainable Infrastructure - Sustainable Infrastructure 2.0

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

CFM120 Methods 1 - Structural Systems - Light Structural Systems 3.0

CFM220 Methods 2 - Bldg Systems - Mechanical Systems 3.0

CFM241 Electrical Systems - Electrical Systems 2.0

CFM311 Est Processes - Est Processes 3.0

CFM345 Construction Safety - Construction Safety 3.0

CFM411 Pre-Construction Services - Pre-Construction Services 3.0

CFM312 Const Scheduling & Cost Contrl - Const Scheduling & Cost Contrl 3.0

CFM415 Const Project Mgt & Control - Const Project Mgt & Control 3.0

CFM445 Const Company Operatns & Mgt - Const Company Operatns & Mgt 3.0

CFM385 Construction Law - Construction Law 3.0

**Requirement 2 — Complete 1 Course**

CCE231 Global Leadership - Global Leadership 3.0

**Requirement 3 — Complete 1 of 2 Courses**

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 4 — Complete 2.5 hours**

*Complete five enrollments of the following (cannot be taken the same semester as CFM 491):*

CFM291R Undergraduate Seminar - Undergraduate Seminar - *You may take 5 times* 0.5

**Requirement 5 — Complete 1 Course**

*Complete the following during the next-to-last semester before graduation.*

CFM491 Senior Seminar - Senior Seminar 0.5

**Requirement 6 — Complete 9 Courses**

CCE103 Engineering Mechanics-Statics - Engineering Mechanics-Statics 3.0

CCE203 Engr Mechanics - Materials - Engr Mechanics - Materials 3.0

CCE114 Geomatics - Geomatics 3.0

CCE306 Concrete, Masonry, & Asphalt - Concrete, Masonry, & Asphalt 1.5

01215-025 - Missing course - Structures & Strength of Matls 4.0

CFM305 Concrete, Masonry, and Asphalt - Concrete, Masonry, and

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 2 — Complete 1 of 2 Courses**

C S236 Discrete Structure - Discrete Structure 3.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

**Requirement 3 — Complete 15 Courses**

*Note: IT&C 210B and 247 must be completed with a grade of C or higher prior to entering any 300-level IT course.*

EC EN224 Introduction to Computer Sys - Introduction to Computer Sys 4.0

IT&C101 Intro to Cybersecurity - Intro to Cybersecurity 3.0

IT&C210A Web Systems & Security Part 1 - Web Systems & Security Part 1 2.0

IT&C210B Web Systems & Security - Web Systems and Security 2.0

IT&C231 Ethics, Law, and Leadership - Ethics, Law, and Leadership 3.0

IT&C247 Networks & Security - Network Fundam. & Security 3.0

IT&C266 Adversarial & Cyber Mindset - Adversarial & Cyber Mindset 3.0

IT&C293 Professional Seminar - Professional Seminar 0.5

IT&C344 Operating Systems - Operating Systems 3.0

IT&C350 Database Principles & Applictn - Database Principles & Applictn 3.0

IT&C366 Defensive Cybersecurity - Info Assurance & Security 3.0

10294-002 - Missing course - Senior Project /Capstone 1 3.0

06882-005 - Missing course - Senior Projects/Capstone 2 3.0

IT&C567 Cybersecurity & Pen Test - Cybersecurity & Pen Test 3.0

**Requirement 4 — Complete 1 of 2 Courses**

IS565 Digital Forensics for Orgnztns - Digital Forensics for Orgnztns 3.0

IT&C566 Digital Forensics - Digital Forensics 3.0

**Requirement 5 — Complete 1.5 hours**

*Take the following 3 times:*

IT&C291R Seminar - Seminar - *You may take 3 times* 0.5

**Requirement 6 — Complete 9 hours**

*Courses outside of those listed must be pre-approved by the program. IT&C 492R and 515R must have a cybersecurity-related topic.*

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN526 Wireless Networking - Wireless Networking 3.0

01787-005 - Missing course - Embedded Computer Systems 3.0

IT&C492R Special Problems - Special Problems - *You may take once* 1.0v

Asphalt 1.5

CFM342 Earthwork & Construction Equip - Earthwork Equip & Methods 1.5

MATH112 Calculus 1 - Calculus 1 4.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 7 — Complete 1 course hours**

PHSCS 105 - General Physics 1 3.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

**Option 8 — Complete 6 hours** *Technical Elective Courses:*

**Option 8.1 — Complete at least 3 hours up to 6 hours**

CFM426 Real Estate Development - Real Estate Prin & Dev 3.0

CFM450 Virtual Design & Construction - Virtual Design & Construction 3.0

**Option 8.2 — Complete up to 3 hours**

**Option 8.2.1 — Complete up to 3 hours**

CFM from: 500 to: 599

**Option 8.2.2 — Complete up to 3 hours**

CE from: 400 to: 599

**Requirement 9 — Obtain confirmation from your advisement center that you have completed the following:**

Complete department packet and exit interview.

*Students must complete 300 hours of pre-approved construction/facilities-related work after declaring the major and must submit a report during the CFM 491 class.*

IT&C515R Special Topics in IT&C - Special Topics in IT&C - *You may take once* 1.0v

IT&C529 Advanced Networking - Advanced Networking 3.0

IT&C544 System Administration - System Administration 3.0

IT&C548 Cyber-Physical Systems - Cyber-Physical Systems 3.0

IT&C585 Encryption Implementation - Encryption Implementation 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

**Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:**

Students must complete 200 hours of pre-approved cybersecurity-related work after declaring the major and must submit a signed letter from an employer during the IT&C 447 course.

**Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:**

Complete department packet and exit interview.

## 396531 - Construction and Facilities Management: Facility and Property Management (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Construction: Facility and Property Management | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 85 | 85 |

**Major Academic Plan**

MAP - BS in Construction and Facilities Management Facility and Property Managemement 2023-2024.pdf

| | Learning Outcome |
|---|---|
| **Title** | |
| Problem Solving | An ability to identify formulate and solve broadly defined technical or scientific problems by applying knowledge of mathematics and science and/or technical topics to areas relevant to the discipline. |

## 396536 - Product & User Experience Design (BFA) *

### Program Information

| Program Title | Degree |
|---|---|
| Product & User Experience Design | BFA |
| **Variable Credit Min** | **Variable Credit Max** |
| 72 | 72.5 |

**Major Academic Plan**

MAPS - BFA in Product & User Experience Design2023-2024.pdf

| | Learning Outcome |
|---|---|
| **Title** | |
| Design Products | Program graduates will: 1- research, synthesize, define, ideate, design, refine, and validate mass-produced products. 2- recognize and apply contemporary methods and materials to product design proposals. 3- organize and present evidence-based research, meaningful product concepts, and final design proposals, compellingly and convincingly. |

| Title | Learning Outcome |
| --- | --- |
| Design | An ability to formulate or design a system process procedure or program to meet desired needs. |

| Title | Learning Outcome |
| --- | --- |
| Experiment and Analysis | An ability to develop and conduct experiments or test hypotheses analyze and interpret data and use scientific judgment to draw conclusions. |

| Title | Learning Outcome |
| --- | --- |
| Communication | An ability to communicate effectively with a range of audiences. |

| Title | Learning Outcome |
| --- | --- |
| Ethics and Professional Responsibility | An ability to understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global economic enviornmental and societal contexts. |

| Title | Learning Outcome |
| --- | --- |
| Teamwork | An ability to function effectively on teams that establish goals plan tasks meet deadlines and anlyze risk and uncertainty. |

Free Form Requirements

**Requirement 1 — Complete 16 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

CCE101 Intro to Civil/Const Engr - Intro to CE/Construction 1.0

CCE113 Construction Modeling - Construction Modeling 3.0

CCE270 Computational Methods - Computer Methods 3.0

CCE102 Sustainable Infrastructure - Sustainable Infrastructure 2.0

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

CFM120 Methods 1 - Structural Systems - Light Structural Systems 3.0

CFM241 Electrical Systems - Electrical Systems 2.0

CFM311 Est Processes - Est Processes 3.0

CFM 320 - Mechanical Systems 3.0

CFM345 Construction Safety - Construction Safety 3.0

CFM312 Const Scheduling & Cost Contrl - Const Scheduling & Cost Contrl 3.0

CFM415 Const Project Mgt & Control - Const Project Mgt & Control 3.0

CFM426 Real Estate Development - Real Estate Prin & Dev 3.0

| Title | Learning Outcome |
| --- | --- |
| Effective Use of Technology | Program graduates will: 1- Effectively evaluate and use the best tools to organize, prototype, and create product & user experience design. 2- Use design software to construct, evaluate, and design physical and digital product forms, assemblies, and systems 3- Use multiple design software tools to organize and design effective design communication artifacts, systems, and experiences. |

| Title | Learning Outcome |
| --- | --- |
| Design History & Criticism | Program graduates will: 1- Identify and examine the fundamental trends of design history and their relationship to contemporary practice. 2- Investigate, summarize, and present about the artifacts and design principles of notable historical designers. 3- Evaluate and critique the effect of designed products on people, including societal and ecological impacts. |

| Title | Learning Outcome |
| --- | --- |
| Design Professional Practices | Program graduates will: 1- review, examine, and discuss the fundamental elements of design-related professional activities, including business practice, academic research, and personal studio practice. |

| Title | Learning Outcome |
| --- | --- |
| Structured Creativity | Program graduates will: 1- Investigate and synthesize components of marketing, sales, engineering, manufacturing, servicing, and ecological needs and responsibilities and reconcile them with identified user desires and values. 2- Define product-related problems, variables, and requirements; conceptualize and evaluate alternatives; and test and refine solutions. |

| | Learning Outcome |
| --- | --- |
| | Program graduates will: 1- |

CFM445 Const Company Operatns & Mgt - Const Company Operatns & Mgt 3.0

CFM385 Construction Law - Construction Law 3.0

**Requirement 2 — Complete 1 Course**

CCE231 Global Leadership - Global Leadership 3.0

**Requirement 3 — Complete 1 Course**

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 4 — Complete 2.5 hours**

*Complete five enrollments of the following (cannot be taken the same semester as CFM 491):*

CFM291R Undergraduate Seminar - Undergraduate Seminar - *You may take 5 times* 0.5

**Requirement 5 — Complete 1 Course**

*Complete one registration of CFM 491 during the next-to-last semester before graduation.*

CFM491 Senior Seminar - Senior Seminar 0.5

**Requirement 6 — Complete 8 Courses**

*Emphasis courses:*

CFM110 Fundamentals of FPM - Fundamentals of FPM 3.0

CFM320 Advanced Building Systems - Adv Mech, Elect, & Plumb Sys 3.0

CFM340 Operations and Maintenance - Operations and Maintenance 3.0

CFM400 Managing High Performance Bldg - Managing High Performance Bldg 4.0

CFM420 Commercial Real Estate Mgt - Commercial Real Estate Mgt 4.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

MATH111 Trigonometry - Trigonometry 2.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 7 — Complete 2 of 7 Courses**

*Note: If CFM 494R is chosen, at least 1.0 credit hour must be taken.*

CCE114 Geomatics - Geomatics 3.0

CFM411 Pre-Construction Services - Pre-Construction Services 3.0

CFM450 Virtual Design & Construction - Virtual Design & Construction 3.0

CFM494R Special Problems - Special Problems - *You may take once* 0.5v

FIN201 Principles of Finance - Principles of Finance 3.0

HRM300 Organizational Behavior - Organizational Behavior 3.0

- Marketing Management 3.0

**Requirement 8 — Complete 1 hour**

*Complete 1 credit hour of the following:*

CFM199R Technical Internship - Technical Internship - *You may take once* 1.0

| Title | Learning Outcome |
| --- | --- |
| Communication | Practice, compose, and explain product and process concepts and requirements to current and future designers, colleagues, clients, and employers. 2- create both verbal and written communications using both low and high fidelity tools and methods. |

| Title | Learning Outcome |
| --- | --- |
| Human Centered Products & User Experiences | Program graduates will: 1- Review, employ, examine, and assess principles of human psychology, human factors, interfaces, and user experiences while designing physical and digital products and services. 2- Test and evaluate physical and digital products using appropriate methodologies. |

| Title | Learning Outcome |
| --- | --- |
| Enriching Experiences & Cross-disciplinary Work | Program graduates have the option to: 1- Discover and participate in international programs that enrich individual cultural experiences and increase design exposure. 2- Evaluate and participate in undergraduate research endeavors. 3- Investigate and participate in multiple disciplinary courses that relate to or inform product and user experience design such as engineering, business, marketing, art, art history, entrepreneurship, anthropology, ethnography, graphic design, photography, computer science, etc. |

| Title | Learning Outcome |
| --- | --- |
| Prototyping Lab & Studios | Program graduates will demonstrate expertise in using digital and physical labs and studios to prototype and evaluate product designs. To do so, students should have easy access to computer facilities; woodworking, metalworking, and plastics laboratories; libraries with relevant industrial design materials; and appropriate other work facilities related to the major. |

**Requirement 9 — Complete 1 hour**

*Complete 1 credit hour of the following:*

CFM399R Capstone Internship - Capstone Internship- *You may take once* 1.0

*Students must complete 300 hours of pre-approved construction/facilities-related work after declaring the major and must submit a report during the CFM 491 class.*

**Requirement 10 — Obtain confirmation from your advisement center that you have completed the following:**

Complete department packet and exit interview.

| | |
|---|---|
| **Title**<br>Internships | **Learning Outcome**<br>Program graduates will: 1- Investigate, evaluate, arrange for, and complete one or more internship experiences. |

| | |
|---|---|
| **Title**<br>Team Projects | **Learning Outcome**<br>Program graduates will: 1- Practice team-based product development activities within the design program. 2- Have the opportunity to create and operate an interdisciplinary team project either through self-generated projects or elective courses. |

| | |
|---|---|
| **Title**<br>Portfolio & Capstone | **Learning Outcome**<br>Program graduates will: 1- Demonstrate synthesis of their learning by creating a portfolio of their best work; the portfolio should include images and descriptions of their process, and include multiple case studies of major projects that demonstrate their thinking and process. 2- Create and document a major multi-semester capstone project that demonstrates design, testing, prototyping, and where possible product creation, in either digital or physical product and user experiences. |

**Free Form Requirements**

*The Product & User Experience Design BFA program is a limited enrollment program requiring departmental admissions approval. Permission is granted through a portfolio review and interview process. Interested students should declare their pre-major intent, complete the DESPX 115 offered only in Fall and submit an online portfolio of their work at the end of fall semester for the Pre-BFA courses offered Winter and Spring.*

*Only students granted pre-BFA status are to complete the foundational courses and then may apply for the BFA professional program through a portfolio review in June.*

**Requirement 1 — Complete 1 Course**

*Prerequisite course:*

DESPX115 Intro to Product & UX Design - Intro to Product & UX Design 3.0

*Apply for pre-BFA status via portfolio review.*

**Requirement 2 — Complete 2 Courses**

*Foundational courses:*

DESPX220 Product 1 - Product 1 3.0

DESPX260 User Experience 1 - User Experience 1 3.0

*Apply to the Product & User Experience Design BFA program via*

*portfolio review*

*After admission to the major, complete the following:*

**Requirement 3 — Complete 1 of 2 Options**

*Based upon your track*

**Option 3.1 — Complete 8 Courses**

*User Experience Courses:*

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESGD362 Interactive Typographic Sys - Interaction & Design Systems 3.0

DESGD460 Interaction Design 2 - Interaction Design 2 3.0

DESPX261 User Experience 2 - User Experience 2 3.0

NX8qZIwsO6OgVa4wDnnd - Missing course - Data Visualization 3.0

DESPX365 UX Research Methods - UX Research Methods 3.0

DESPX461 UX Portfolio - UX Portfolio 3.0

**Option 3.2 — Complete 8 Courses**

*Physical Product Design Courses:*

DES340 Graphics: Brand & Type - Graphics: Brand & Type 3.0

DESPX200 Prototyping Process Materials - Prototyping Process Materials 3.0

DESPX210 3D Modeling Principles - 3D Modeling Principles 3.0

DESPX214 Materials & Processes - Materials & Processes 3.0

DESPX230R Product Design Studio 1 - Product Design Studio 1 *3.0*

DESPX310 Adv. 3D Modeling - Adv. 3D Modeling 3.0

DESPX330R Product Design Studio 2 - Product Design Studio 2 - *Take this course twice* 3.0

**Requirement 4 — Complete 1 of 3 Options**

**Option 4.1 — Complete 4 Courses**

*Digital Product & User Experience Design Capstone (Sandbox):*

DESPX489 Collab. UX Design: Discovery - Collab. UX Design: Discovery 0.5

DESPX490 Collab. UX Design: Research - Collab. UX Design: Research 3.0

DESPX497 Collab. UX Design: Implement. - Collab. UX Design: Implement - *Take this course twice* 3.0

**Option 4.2 — Complete 4 Courses**

*Innovation (Crocker):*

DESPX431R Collaborative Design Projects - Collaborative Design Projects - *Take this course twice* 1.5

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

**Option 4.3 — Complete 2 Course**

*Product Design (take this course twice)*

*Product Design (take this course twice):*

DESPX430R Product Design Studio 3 - Product Design Studio 3 - *Take this course twice* 4.5

**Requirement 5 — Complete 1 hour**

*History & Critical Studies Courses:*

DES111R Design Lecture Series- Design Lecture Series - *Take this course twice* 0.5

**History & Critical Studies Courses:**

**Requirement 6 — Complete 1 of 2 Options**

**Option 6.1 — Complete 4 Courses**

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

DES390 Design Theory - Design Theory 3.0

DESPX339 History of Products - History of Products 3.0

**Option 6.2 — Complete 2 Requirements**

**Requirement 6.2.1 — Complete 3 Courses**

DES390 Design Theory - Design Theory 3.0

PHIL201 History of Philosophy 1 - History of Philosophy 1 3.0

PHIL202 History of Philosophy 2 - History of Philosophy 2 3.0

**Requirement 6.2.2 — Complete 1 of 3 Courses**

DESGD349 History of Graphic Desgn - History of Graphic Desgn 3.0

DESPX339 History of Products - History of Products 3.0

IP&T420 Design Psychology - Design Psychology 3.0

**Requirement 7 — Complete 1 Course**

*Career & Business Courses:*

DESPX388 Professional Practice - Professional Practice 2.0

**Requirement 8 — Complete 1 hour**

DES496R Academic Internship - Academic Internship - *You may take once* 6.0v

**Requirement 9 — Complete 13 hours**

*(COURSES COMPLETED ABOVE DO NOT DOUBLE COUNT TO FULFILL THIS REQUIREMENT)*

DESPX338R Field Study - Field Study - 2.0

DESPX394R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 6.0v

DESPX499R Directed Studies - Directed Studies 0.5v

Physical Product Design:

DESPX200 Prototyping Process Materials - Prototyping Process Materials 3.0

DESPX210 3D Modeling Principles - 3D Modeling Principles 3.0

DESPX214 Materials & Processes - Materials & Processes 3.0

DESPX230R Product Design Studio 1 - Product Design Studio 1 - *You*

DESPX250R Product Design Studio 1 - Product Design Studio 1 - *You may take once* 3.0

DESPX310 Adv. 3D Modeling - Adv. 3D Modeling 3.0

Digital User Experience and Visual Design:

DESGD243 Typography 1 - Typography 1 3.0

DESGD362 Interactive Typographic Sys - Interaction Design 1 3.0

DESGD460 Interaction Design 2 - Interaction Design 2 3.0

DESPX261 User Experience 2 - User Experience 2 3.0

NX8qZIwsO6OgVa4wDnnd - Missing course - Data Visualization 3.0

Motion & Visual Design:

DES280 Motion Concepts - Motion Concepts 3.0

DES480 3D Motion - 3D Motion 3.0

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESGD380 Motion Design - Motion Design 3.0

User Experience Research:

DESPX365 UX Research Methods - UX Research Methods 3.0

IP&T420 Design Psychology - Design Psychology 3.0

IP&T461 Design Evaluation - Design Evaluation 3.0

Entrepreneurship:

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

ENT441 Rapid Prod Innovation - Rapid Prod Innovation 1.5

ENT442 Ideation & Team Formation - Ideation & Team Formation 1.5

ENT445R SW PM Lecture Series - SW PM Lecture Series - *You may take once* 0.5

MSB342 Product Lecture Series - Product Lecture Series 1.0

*Students can be placed on probationary status for the following: 1) Inadequate academic performance, 2) Unprofessional attitude and lack of commitment, 3) BYU Honor Code violations.*

## 396541 - Manufacturing Engineering (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Manufacturing Engineering | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 94 | 94 |

**Major Academic Plan**

MAP - BS in Manufacturing Engineering 2023.pdf

| Title | Learning Outcome |
|---|---|
| 7. New Knowledge | An ability to acquire and apply new knowledge as needed using appropriate learning strategies. |

## 396547 - Technology & Engineering Studies: Teaching (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Technology and Engineering Studies: Teaching | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 75 | 76 |

**Major Academic Plan**

MAP - BS in Technology 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| UETS Standard 1: Learner | Each candidate understands cognitive linguistic social emotional and physical areas of |

| | |
|---|---|
| Title<br>6. Experimentation | Learning Outcome<br>Anability to develop and conduct appropriate experimentation analyze and interpret data and use engineering judgment to draw conclusions. |

| | |
|---|---|
| Title<br>5. Teamwork | Learning Outcome<br>An ability to function effectively on a team whose members together provide leadership create a collaborative and inclusive environment establish goals plan tasks and meet objectives. |

| | |
|---|---|
| Title<br>4. Ethics and Professionalism | Learning Outcome<br>Anability to recognize ethical and professional responsibilities in engineering situations and make informed judgments which must consider the impact of engineering solutions in global economic environmental and societal contexts. |

| | |
|---|---|
| Title<br>3. Communication | Learning Outcome<br>Anability to communicate effectively with a range of audiences. |

| | |
|---|---|
| Title<br>2. Engineering Design | Learning Outcome<br>An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health safety and welfare as well as global cultural social environmental and economic factors. |

| | |
|---|---|
| Title<br>1. Complex Engineering Problems | Learning Outcome<br>An ability to identify formulate and solve complex engineering problems by applying principles of engineering science and mathematics. |

**Free Form Requirements**

*Students must have a minimum of 123 total hours (including major, GE, and Religion hours) to graduate with this major.*

**Requirement 1 —Complete 11 Courses**

MFGEN130 Modern Manufacturing - Modern Manufacturing 3.0

MFGEN220 Material Removal - Material Removal 3.0

| | |
|---|---|
| Development | student development. |

| | |
|---|---|
| Title<br>UETS Standard 2: Learning Differences | Learning Outcome<br>Each candidate understands individual learner differences and cultural and linguistics diversity. |

| | |
|---|---|
| Title<br>UETS Standard 3: Learning Environments | Learning Outcome<br>Each candidate works with learners to create environments that support individual and collaborative learning encouraging positive social interaction active engagement in learning and self-motivation. |

| | |
|---|---|
| Title<br>UETS Standard 4: Content Knowledge | Learning Outcome<br>Each candidate understands the central concepts tools of inquiry and structures of the discipline. |

| | |
|---|---|
| Title<br>UETS Standard 5: Assessment | Learning Outcome<br>Each candidate uses multiple methods of assessment to engage learners in their own growth monitor learner progress guide planning and instruction and determine whether the outcomes described in content standards have been met. |

| | |
|---|---|
| Title<br>UETS Standard 8: Reflection and Continuous Growth | Learning Outcome<br>Each candidate is a reflective practitioner who uses evidence to continually evaluate and adapt practice to meet the needs of each learner. |

| | |
|---|---|
| Title<br>UETS Standard 9: Leadership and Collaboration | Learning Outcome<br>Each candidate is a leader who engages collaboratively with learners families and colleagues and community members to build a shared vision and supportive professional culture focused on student growth and success. |

| | |
|---|---|
| Title | Learning Outcome<br>Each candidate demonstrates the highest standard of legal moral and ethical conduct as specified |

MFGEN230 Computer-Aided Manufacturing - Computer-Aided Manufacturing 3.0

MFGEN291 Manufacturing Leadership - Manufacturing Leadership 1.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN333 Industrial Automation - Industrial Automation 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

MFGEN401 Data Analysis - Data Analysis 3.0

MFGEN491 Senior Seminar - Senior Seminar 0.5

**Requirement 2 —Complete 1 hour**

MFGEN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

**Requirement 3 —Complete 2 Options**

*Supporting courses:*

**Requirement 3.1 — Complete 11 Courses**

BIO100 Principles of Biology - Principles of Biology 3.0

CCE103 Engineering Mechanics-Statics - Engineering Mechanics-Statics 3.0

CCE203 Engr Mechanics - Materials - Engr Mechanics - Mechanics of Materials 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

MATH112 Calculus 1 - Calculus 1 4.0

ME EN250 Materials Science - Materials Science 3.0

ME EN272 Engineering Graphics - Engineering Graphics 3.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

TES112 Innovation - Innovation 1.0

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 3.2 — Complete 1 of 2 Courses**

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

**Requirement 4 — Complete 3 of 10 Courses**

*Technical Elective courses:*

MFGEN318 MFG Electronics & Microsystems - MFG Electronics & Microsystems 3.0

MFGEN372 Design for X - Design for X 3.0

MFGEN431 Tool Design - Tool Design 3.0

MFGEN433 Intro to SMART Manufacturing - Intro to SMART

| | |
|---|---|
| UETS Standard 10: Professional and Ethical Behavior | in Utah State Board Rule R277-515. |

| Title | Learning Outcome |
|---|---|
| UETS Standard 7: Instructional Strategies | Each candidate uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections and build skills to apply and extend knowledge in meaningful ways. |

| Title | Learning Outcome |
|---|---|
| UETS Standard 6: Instructional Planning | Each candidate plans instruction to support students in meeting rigorous learning goals by drawing upon knowledge of content areas Utah Core Standards practices and the community context. |

| Title | Learning Outcome |
|---|---|
| ITEEA Standards for Technological and Engineering Literacy (STEL) | Each candidate possesses a knowledge of and an ability to implement a contemporary technology and engineering education program based on all 20 of the Standards for Technological and Engineering Literacy (STEL) developed by the International Technology and Engineering Educators Association (ITEEA). |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach technology and engineering content in public and private schools grades 6-12. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*Students accepted into the major after May 2020 must (a) maintain a total GPA of no less than 2.7 after admission to teacher preparation major and/or minor programs, (b) receive a "C" or better in all education-related and major and minor required courses (including any courses taken prior to acceptance into a teaching major or minor), and (c) demonstrate sufficient and timely progress in coursework and field experiences. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 3 Requirements**

Manufacturing 3.0

MFGEN435 Instrumentation for MFGEN - Instrumentation for MFGEN 3.0

MFGEN 440 - Six Sigma 3.0

MFGEN456 Intro to Composites - Intro to Composites 3.0

MFGEN479 Innovation & Entrepreneurship - Innovation & Entrepreneurship 3.0

MFGEN481 Mfg Systems & Simulation - Mfg Systems & Simulation 3.0

TECH231 Foundations Global Leadership - Foundations Global Leadership 3.0

**Requirement 5 — Complete 12 hours**

*Math, Science, and Statistics supporting courses:*

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT511 Stat Methods for Research 1 - Stat Methods for Research 1 3.0

STAT512 Stat Methods for Research 2 - Stat Methods for Research 2 3.0

**Requirement 6 — Complete 2 Courses**

ME EN475 Integrated Prodct&Proc Desgn 1 - Integrated Prodct&Proc Desgn 1 3.0

ME EN476 Product Dev 2 - Capstone - Product Dev 2 - Capstone 3.0

**Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:**

Complete department packet and exit interview.

**Requirement 1.1 — Complete 1 of 2 Courses**

CCE112 Engr Draft w/CAD Apps - Engr Draft w/CAD Apps 3.0

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

**Requirement 1.2 — Complete 1 of 2 Courses**

MATH110 College Algebra - College Algebra 3.0

MATH111 Trigonometry - Trigonometry 2.0

**Requirement 1.3 — Complete 13 Courses**

*Note: Fingerprinting and FBI clearance must be completed prior to enrolling in TES 276A,B.*

TES112 Innovation - Innovation 1.0

TES125 Comm. Tech & Systems - Comm. Tech & Systems 3.0

TES200 Processes Prototyping Wood - Processes Prototyping Wood 3.0

TES210 Coding for Tech & Engr Educat - Coding for Tech & Engr Educat 3.0

TES225 Electronics for T & E Teachers - Electronics for T & E Teachers 3.0

TES229 Process & Mfg: Metals/Polymers - Process & Mfg: Metals/Polymers 3.0

TES251 Video & Photography Production - Video & Photography Production 3.0

TES255 Visual Communication Design - Visual Communication Design 3.0

TES276A Exploration of Teaching A - Exploration of Teaching A 3.5

TES276B Exploration of Teaching B - Exploration of Teaching B 0.5

TES320 Creat Eng and Prob Solving I - Creat Eng and Prob Solving I 3.0

TES330 Creat Eng and Prob Solving II - Creat Eng and Prob Solving II 3.0

TES340 Prin of Technology & Engr - Prin of Technology & Engr 3.0

**Requirement 2 — Complete 6 Course**

*Complete 6 registrations of the following (except if enrolled in TES 476):*

TES291R Undergraduate Seminar - Undergraduate Seminar - *You may take 6 times* 0.5

**Requirement 3 — Obtain confirmation from your advisement center that you have completed the following:**

*Professional Education Component:*

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 3.1 —Complete 5 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

TES377 Tchg Mthds in Technology Educ - Tchg Mthds in Technology Educ 2.0

TES378 Practicum in Technology Educ - Practicum in Technology Educ 2.0

Note: Fingerprinting and FBI clearance must be kept updated.

**Requirement 3.2 —Complete 12 hours**

TES476 Secondary Student Teaching - Secondary Student Teaching - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns must complete a student teaching application through MyLink.

**Requirement 4 —Complete 8 hours**

*TECHNICAL ELECTIVES:*

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

CFM220 Methods 2 - Bldg Systems - Mechanical Systems 3.0

CFM241 Electrical Systems - Electrical Systems 2.0

CFM305 Concrete, Masonry, and Asphalt - Concrete, Masonry, and Asphalt 1.5

COMMS230 Intro Advertising - Intro Advertising 3.0

COMMS365 Photojournalism - Photojournalism 1.5

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science3.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

CSANM150 Intro to 3D Graphics - Intro to 3D Graphics 1.5

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESPH116 Introduction to Photography - Introduction to Photography 3.0

DESPH270 Intro to B/W Photography - Intro to B/W Photography 3.0

DESPH360 Filmmaking 02 - Moving Image 2 3.0

DESPH410R Comp Applications Studio-Photo - Comp Applications Studio-Photo - *You may take once* 2.0

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

ENT301 Business Model Validation - Business Model Validation 3.0

ENT 313 - Startup Bootcamp - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

IT&C101 Intro to Cybersecurity - Intro to Cybersecurity 3.0

IT&C210A Web Systems & Security Part 1 - Web Systems & Security Part 1 2.0

IT&C210B Web Systems & Security - Web Systems & Security 2.0

11919-001 - Missing course - Computer Architecture & Org 3.0

IT&C255 User Experience Design - User Experience Design 3.0

IT&C327 Digital Communications - Digital Communications 4.0

IT&C344 Operating Systems - Operating Systems 3.0

IT&C247 Networks & Security - Network Fundam. & Security 3.0

IT&C350 Database Principles & Applictn - Database Principles & Applictn 3.0

IT&C366 Defensive Cybersecurity - Info Assurance & Security 3.0

12460-001 - Missing course - Advanced Web Technologies 3.0

ME EN272 Engineering Graphics - Engineering Graphics 3.0

MFGEN130 Modern Manufacturing - Modern Manufacturing 3.0

MFGEN220 Material Removal - Material Removal 3.0

MFGEN230 Computer-Aided Manufacturing - Computer-Aided Manufacturing 3.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN333 Industrial Automation - Industrial Automation 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

MFGEN401 Data Analysis - Data Analysis 3.0

MSB375 Social Impact - Social Impact 3.0

MSB381R Social Impact Lectures - Social Impact Lectures - *You may take once* 1.0

MSB484 Corporate Social Impact - Corporate Social Impact 3.0

MSB492R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

PWS103 Residential Landscape Design - Residential Landscape Design 3.0

PWS105 Landscape Design Graphics - Landscape Design Graphics 2.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

TES251 Video & Photography Production - Video & Photography Production 3.0

TES350 Mltimedia Authoring & Publish - Mltimedia Authoring & Publish 3.0

TES400 Furniture Design - Furniture Design 3.0

TMA102 Introduction to Film - Introduction to Film 3.0

TMA105 Using Basic Media Tools - Using Basic Media Tools 1.0

TMA185 Basic Media Production - Basic Media Production 3.0

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills -

*You may take once* 1.0v

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete department packet and exit interview.

## 396549 - Technology & Engineering Studies: Technical (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Technology and Engineering Studies: Technical | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 75 | 76 |

**Major Academic Plan**

MAP - BS in Technology 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| TES Technical: Learning Outcome 1 | Students will demonstrate technical competency in technology and engineering studies. |

| Title | Learning Outcome |
|---|---|
| TES Technical: Learning Outcome 2 | Students will demonstrate creative design entrepreneurial innovative problem-solving and critical thinking skills. |

| Title | Learning Outcome |
|---|---|
| TES Technical: Learning Outcome 3 | Students will demonstrate effective communication skills. |

| Title | Learning Outcome |
|---|---|
| TES Technical: Learning Outcome 4 | Students will demonstrate lifelong learning skills. |

**Free Form Requirements**

**Requirement 1 — Complete 3 Requirements**

**Requirement 1.1 — Complete 1 of 2 Courses**

CCE112 Engr Draft w/CAD Apps - Engr Draft w/CAD Apps 3.0

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

**Requirement 1.2 — Complete 1 of 2 Courses**

MATH110 College Algebra - College Algebra 3.0

MATH111 Trigonometry - Trigonometry 2.0

**Requirement 1.3 — Complete 12 Courses**

*Note: Fingerprinting and FBI clearance must be completed prior to enrolling in TES 276A,B.*

TES112 Innovation - Innovation 1.0

## 483603 - Communications (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Communications | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 15 |

**Major Academic Plan**

MAP - Minor in Communications 1.27.23.pdf

**Free Form Requirements**

**Requirement 1 — Complete 1 Course**

COMMS101 Mass Comm & Soc - Mass Comm & Soc 3.0

**Requirement 2 — Complete 12 hours**

COMMS230 Intro Advertising - Intro Advertising 3.0

COMMS235 Intro Public Reltn - Intro Public Reltn 3.0

COMMS238 Intr to Communications Studies - Intr to Communications Studies 3.0

COMMS239 Intro to Storytelling - Intro to Storytelling 3.0

COMMS300 Media Law & Responsibility - Media Law & Responsibility 3.0

COMMS301 Media History & Philosophy - Media History & Philosophy 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS351 Media & Their Audiences - Media & Their Audiences 3.0

COMMS360 Comm Mgt Principles & Theory - Comm Mgt Principles & Theory 3.0

COMMS381 International Media Systems - International Media Systems 3.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

COMMS411 Media Effects- Media Effects 3.0

COMMS416 Media Advocacy & Social Change - Media Advocacy & Social Change 3.0

COMMS426 Persuasion in the Media Age - Persuasion in the Media Age 3.0

COMMS481 Gender, Race, & Class in Media - Gender, Race, & Class in Media 3.0

COMMS482 Media and World Religions - Media and World Religions 3.0

TES125 Comm. Tech & Systems - Comm. Tech & Systems 3.0

TES200 Processes Prototyping Wood - Processes Prototyping Wood 3.0

TES210 Coding for Tech & Engr Educat - Coding for Tech & Engr Educat 3.0

TES225 Electronics for T & E Teachers - Electronics for T & E Teachers 3.0

TES229 Process & Mfg: Metals/Polymers - Process & Mfg: Metals/Polymers 3.0

TES255 Visual Communication Design - Visual Communication Design 3.0

TES276A Exploration of Teaching A - Exploration of Teaching A 3.5

TES276B Exploration of Teaching B - Exploration of Teaching B 0.5

TES330 Creat Eng and Prob Solving II - Creat Eng and Prob Solving II 3.0

TES340 Prin of Technology & Engr - Prin of Technology & Engr 3.0

TES399R Academic Internship - Academic Internship - *You may take once* 0.5v

**Requirement 2 — Complete 6 Course**

*Complete six registrations of the following (except if enrolled in TES 476):*

TES291R Undergraduate Seminar - Undergraduate Seminar - *You may take 6 times* 0.5

**Requirement 3 — Complete 34 hours**

*TECHNICAL ELECTIVES:*

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

CFM220 Methods 2 - Bldg Systems - Mechanical Systems 3.0

CFM241 Electrical Systems - Electrical Systems 2.0

CFM305 Concrete, Masonry, and Asphalt - Concrete, Masonry, and Asphalt 1.5

COMMS230 Intro Advertising - Intro Advertising 3.0

COMMS365 Photojournalism - Photojournalism 1.5

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

CSANM150 Intro to 3D Graphics - Intro to 3D Graphics 1.5

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESPH116 Introduction to Photography - Introduction to Photography

3.0

DESPH270 Intro to B/W Photography - Intro to B/W Photography 3.0

DESPH360 Filmmaking 02 - Moving Image 2 3.0

DESPH410R Comp Applications Studio-Photo - Comp Applications Studio-Photo - *You may take once* 2.0

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

ENT301 Business Model Validation - Business Model Validation 3.0

ENT 313 - Startup Bootcamp - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

IT&C101 Intro to Cybersecurity - Intro to Cybersecurity 3.0

IT&C210A Web Systems & Security Part 1 - Web Systems & Security Part 1 2.0

IT&C210B Web Systems & Security - Web Systems & Security 2.0

11919-001 - Missing course - Computer Architecture & Org 3.0

IT&C255 User Experience Design - User Experience Design 3.0

IT&C327 Digital Communications - Digital Communications 4.0

IT&C344 Operating Systems - Operating Systems 3.0

IT&C350 Database Principles & Applictn - Database Principles & Applictn 3.0

IT&C366 Defensive Cybersecurity - Info Assurance & Security 3.0

12460-001 - Missing course - Advanced Web Technologies 3.0

ME EN272 Engineering Graphics - Engineering Graphics 3.0

MFGEN130 Modern Manufacturing - Modern Manufacturing 3.0

MFGEN220 Material Removal - Material Removal 3.0

MFGEN230 Computer-Aided Manufacturing - Computer-Aided Manufacturing 3.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN333 Industrial Automation - Industrial Automation 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

MFGEN401 Data Analysis - Data Analysis 3.0

MSB375 Social Impact - Social Impact 3.0

MSB381R Social Impact Lectures - Social Impact Lectures - *You may take once* 1.0

MSB484 Corporate Social Impact - Corporate Social Impact 3.0

MSB492R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

PWS103 Residential Landscape Design - Residential Landscape Design 3.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

TES251 Video & Photography Production - Video & Photography Production 3.0

TES350 Mltimedia Authoring & Publish - Mltimedia Authoring & Publish 3.0

TES377 Tchg Mthds in Technology Educ - Tchg Mthds in Technology Educ 2.0

TES400 Furniture Design - Furniture Design 3.0

TMA102 Introduction to Film - Introduction to Film 3.0

TMA105 Using Basic Media Tools - Using Basic Media Tools 1.0

TMA185 Basic Media Production - Basic Media Production 3.0

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills - *You may take once* 1.0v

*Upon declaring the TES major, only up to 9 credits of previous course work may be applied if they are from other STEM colleges/departments on campus and up to 9 transfer credits from outside of BYU may be applied only if they come from a STEM discipline. All tech electives must follow an approval process. Please contact the TES major advisor for details.*

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

Complete department packet and exit interview.

## 483630 - Communications: Advertising (BA) *

### Program Information

| Program Title | Degree |
|---|---|
| Communications: Advertising | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 42 | 45 |

**Major Academic Plan**

MAP - BA in Communications Advertising 2023-2024.pdf

| | Learning Outcome |
|---|---|
| **Title** | |
| Domestic Diversity | Students will demonstrate an understanding of gender race ethnicity sexual orientation and as appropriate other forms of diversity in domestic society in relation to mass communication. |

| | Learning Outcome |
|---|---|
| **Title** | |
| International diversity | Students will demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of mass communications in a global society. |

## 483632 - Communications: Communications Studies (BA) *

### Program Information

| Program Title | Degree |
|---|---|
| Communications: Communications Studies | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 43 | 43 |

**Major Academic Plan**

MAP - BA in Communications Communication Studies 2023-2024.pdf

| | Learning Outcome |
|---|---|
| **Title** | |
| Domestic diversity | Students will demonstrate an understanding of gender race ethnicity sexual orientation and as appropriate other forms of diversity in domestic society in relation to mass communication. |

| | Learning Outcome |
|---|---|
| **Title** | |
| International diversity | Students will demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of mass communications in a global society. |

| | |
|---|---|
| Title<br>Writing | Learning Outcome<br>Students will write correctly and clearly in forms and styles appropriate for the communications professions audiences and purposes they serve. |
| Title<br>Editing | Learning Outcome<br>Students will critically evaluate their own work and that of others for accuracy and fairness clarity appropriate style and grammatical correctness. |
| Title<br>Numerical skills | Learning Outcome<br>Students will apply basic numerical and statistical concepts. |
| Title<br>Technology | Learning Outcome<br>Students will apply tools and technologies appropriate for the communications professions in which they work. |
| Title<br>Research | Learning Outcome<br>Students will conduct research and evaluate information by methods appropriate to the communications professions in which they work. |
| Title<br>Freedom of speech | Learning Outcome<br>Students will understand and apply the principles and laws of freedom of speech and the press for the right to dissent to monitor and criticize power and to assemble and petition for redress of grievances. |
| Title<br>Ethics | Learning Outcome<br>Students will demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth accuracy fairness and diversity. |
| | Learning Outcome<br>Students will understand |

| | |
|---|---|
| | Learning Outcome<br>Students will write correctly and clearly in forms and styles appropriate for the communications professions audiences and purposes they serve. |
| Title<br>Writing | |
| | Learning Outcome<br>Students will critically evaluate their own work and that of others for accuracy and fairness clarity appropriate style and grammatical correctness. |
| Title<br>Editing | |
| | Learning Outcome<br>Students will apply basic numerical and statistical concepts. |
| Title<br>Numerical skills | |
| | Learning Outcome<br>Students will apply tools and technologies appropriate for the communications professions in which they work. |
| Title<br>Technology | |
| | Learning Outcome<br>Students will conduct research and evaluate information by methods appropriate to the communications professions in which they work. |
| Title<br>Research | |
| | Learning Outcome<br>Students will understand and apply the principles and laws of freedom of speech and the press for the right to dissent to monitor and criticize power and to assemble and petition for redress of grievances. |
| Title<br>Freedom of speech | |
| | Learning Outcome<br>Students will demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth accuracy fairness and diversity. |
| Title<br>Ethics | |
| | Learning Outcome |

| Title | Learning Outcome |
| --- | --- |
| Theory | concepts and apply theories in the use and presentation of images and information. |

| Title | Learning Outcome |
| --- | --- |
| History | Students will demonstrate an understanding of the history and role of professionals and institutions in shaping communications. |

| Title | Learning Outcome |
| --- | --- |
| Critical thinking | Students will think critically creatively and independently. |

**Free Form Requirements**

*All students must take a campus writing course before applying for admission to the major. The following writing course fills this requirement and satisfies the GE First-Year Writing requirement: Wrtg 150. AP credit does not fulfill this requirement. Note: Students must receive a B grade or better to be eligible to apply for admission to the program.*

**Requirement 1 — Complete 3 Courses**

*Note: Students must receive a B grade or better in each course to be eligible to apply for admission to the program.*

COMMS101 Mass Comm & Soc - Mass Comm & Soc 3.0

COMMS230 Intro Advertising - Intro Advertising 3.0

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

*Apply to the major.*

**Requirement 2 — Complete 2 Courses**

*These courses may be taken during the semester in which students apply for admission to the major.*

COMMS300 Media Law & Responsibility - Media Law & Responsibility 3.0

COMMS304 Media Ethics - Media Ethics 3.0

**Requirement 3 — Complete 1 Course**

*After admission to the major, complete the following:*

COMMS309 Account Planning Mgmt - Account Planning Mgmt 3.0

**Requirement 4 — Complete 1 Course**

COMMS371R Special Topics in Advertising - Special Topics in Advertising - *You may take once* 3.0

**Requirement 5 — Complete 2 of 13 Courses**

COMMS301 Media History & Philosophy - Media History & Philosophy 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS351 Media & Their Audiences - Media & Their Audiences 3.0

COMMS360 Comm Mgt Principles & Theory - Comm Mgt Principles & Theory 3.0

| Title | Learning Outcome |
| --- | --- |
| Theory | Students will understand concepts and apply theories in the use and presentation of images and information. |

| Title | Learning Outcome |
| --- | --- |
| History | Students will demonstrate an understanding of the history and role of professionals and institutions in shaping communications. |

| Title | Learning Outcome |
| --- | --- |
| Critical thinking | Students will think critically creatively and independently. |

**Free Form Requirements**

**Requirement 1 — Complete 1 Requirement**

*Core courses:*

**Requirement 1.1 — Complete 3 Courses**

COMMS101 Mass Comm & Soc - Mass Comm & Soc 3.0

COMMS238 Intr to Communications Studies - Intr to Communications Studies 3.0

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

Note: Students must receive a B grade or better in each course to be eligible to apply for admission. AP credit does not fulfill this requirement.

*Apply to the major.*

**Requirement 2 — Complete 2 Courses**

*These courses may be taken during the semester in which students apply for admission to the major.*

COMMS300 Media Law & Responsibility - Media Law & Responsibility 3.0

COMMS304 Media Ethics - Media Ethics 3.0

**Requirement 3 — Complete 1 Course**

COMMS307 Fund. of Communications Action - Fund. of Communications Action 3.0

**Requirement 4 — Complete 3 Courses**

COMMS319 Research in Communication - Research in Communication 3.0

COMMS411 Media Effects - Media Effects 3.0

COMMS483 Adv Communications Studies - Adv Communications Studies 3.0

**Requirement 5 — Complete 1 of 4 Options**

**Option 5.1 — Complete 1 hour**

*Internship: After consulting with an advisor, complete an internship in conjunction with 1 hour of the following:*

COMMS496R Academic Internship - Academic Internship - *You may*

COMMS381 International Media Systems - International Media Systems 3.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

COMMS406 Media & the First Amendment - Media & the First Amendment 3.0

COMMS411 Media Effects - Media Effects 3.0

COMMS416 Media Advocacy & Social Change - Media Advocacy & Social Change 3.0

COMMS426 Persuasion in the Media Age - Persuasion in the Media Age 3.0

COMMS480 Media Ethics & Moral Reasoning - Media Ethics & Moral Reasoning 3.0

COMMS481 Gender, Race, & Class in Media - Gender, Race, & Class in Media 3.0

COMMS482 Media and World Religions - Media and World Religions 3.0

**Requirement 6 — Complete 1 of 2 Options**

*Complete one of the following tracks:*

**Option 6.1 — Complete 1 Requirement**

*A. Advertising strategy track:*

**Requirement 6.1.1 — Complete 5 Courses**

COMMS317 Advertising Research Methods - Advertising Research Methods 3.0

COMMS337 Advertising Account Management - Advertising Account Management 3.0

COMMS372 Mrkt Media Planning & Strategy - Mrkt Media Planning & Strategy 3.0

COMMS489 Strategic Ad Campaigns - Strategic Ad Campaigns 3.0

MKTG201 Marketing Management - Marketing Management 3.0

**Option 6.2 — Complete 2 Requirements**

*B. Creative Track:*

**Requirement 6.2.1 — Complete 1 Course**

*Complete the following and then submit portfolio:*

COMMS330 Advertising Concepts 1 - Advertising Concepts 1 3.0

**Requirement 6.2.2 — Complete 3 Courses**

COMMS331 Advertising Concepts 2 - Advertising Concepts 2 3.0

COMMS433 Adv Advertising Concept 3 - Adv Advertising Concept 3 3.0

COMMS489 Strategic Ad Campaigns - Strategic Ad Campaigns 3.0

Note: Students will be considered for admission to the creative track each year based on their application, the successful completion of Comms 330 and the submission of a portfolio.

**Requirement 7 — Complete 1 of 5 Options**

**Option 7.1 — Complete 3 hours**

*Internship: After consulting with an advisor, complete an internship in conjunction with 3 hours of the following:*

*take up to 1.0 credit hours* 4.0v

**Option 5.2 — Complete 1 hour**

*Faculty Mentored Research Practicum: Conducting research in a mentored environment with a faculty-sponsored research project. After consulting with a faculty advisor, complete a mentored research practicum in conjunction with 1 hour of the following:*

COMMS497R Mentored Research Practicum. - Mentored Research Practicum. - *You may take up to 1.0 credit hours* 1.0

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's research projects. Enrollment in Comms 497R is based on faculty research project availability. After the student has secured a faculty mentor, the student must request a comms 497R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

**Option 5.3 — Complete 1 hour**

*Faculty Mentored Projects in Communication: After consulting with a faculty advisor, complete a mentored communication project in conjunction with 1 hour of the following:*

COMMS498R Projects in Communications - Projects in Communications - *You may take up to 1.0 credit hours* 0.5v

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's comms projects. Enrollment in Comms 498R is based on the availability of faculty-mentored comms projects. After the student has secured a faculty mentor, the student must request a comms 498R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

**Option 5.4 — Complete 1 hour**

*School of Communications Labs: After consulting with your sequence's professional faculty and lab manager, complete a mentored lab experience in conjunction with 1 hour of the following:*

COMMS491R Student Media Labs - Student Media Labs - *You may take up to 1.0 credit hours* 1.0v

Note: It is the student's responsibility to talk to their sequence's lab mentors to discuss the possibility of enrolling in Comms 491R. Enrollment is based on project availability and lab needs. Students who have been cleared to enroll must request a comms 491R contract from the School of Communications main office. The student and their lab mentors must agree on the terms of the contract and sign it. Students should return the form to the main office to receive an add code. Comms 491R cannot be combined with a paid position in the same lab.

**Requirement 6 — Complete 15 hours**

*Complete 15 hours (five courses) from the following departmental electives:*

COMMS301 Media History & Philosophy - Media History & Philosophy 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS351 Media & Their Audiences - Media & Their Audiences 3.0

*conjunction with 3 hours of the following:*

COMMS496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 4.0v

Note: A C- grade or better in the following prerequisite courses must be achieved before the internship experience: (1) Advertising strategy track: Comms 309, 317, 337. (2) Creative track: Comms 309, 330, 331.

**Option 7.2 — Complete 3 hours**

*Faculty Mentored Research Practicum: Conducting research in a mentored environment with a faculty-sponsored research project. After consulting with a faculty advisor, complete a mentored research practicum in conjunction with 3 hours of the following:*

COMMS497R Mentored Research Practicum. - Mentored Research Practicum. - *You may take up to 3.0 credit hours* 1.0

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's research projects. Enrollment in COMMS 497R is based on faculty research project availability. After the student has secured a faculty mentor, the student must request a COMMS 497R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

**Option 7.3 — Complete 3 hours**

*Faculty Mentored Projects in Communication: After consulting with a faculty advisor, complete a mentored communication project in conjunction with 3 hours of the following:*

COMMS498R Projects in Communications - Projects in Communications - *You may take up to 3.0 credit hours* 0.5v

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's COMMS projects. Enrollment in COMMS 498R is based on the availability of faculty-mentored COMMS projects. After the student has secured a faculty mentor, the student must request a COMMS 498R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

**Option 7.4 — Complete 3 hours**

*School of Communications Labs: After consulting with your sequence's professional faculty and lab manager, complete a mentored lab experience in conjunction with 3 hours of the following:*

COMMS491R Student Media Labs - Student Media Labs - *You may take up to 3.0 credit hours* 1.0v

Note: It is the student's responsibility to talk to their sequence's lab mentors to discuss the possibility of enrolling in COMMS 491R. Enrollment is based on project availability and lab needs. Students who have been cleared to enroll must request a COMMS 491R contract from the School of Communications main office. The student and their lab mentors must agree on the terms of the contract and sign it. Students should return the form to the main office to receive an add code. COMMS 491R cannot be combined with a paid position in the same lab.

**Option 7.5 — Complete 3 hours**

COMMS335 TV Commercial Production - TV Commercial Production 3.0

**Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:**

COMMS360 Comm Mgt Principles & Theory - Comm Mgt Principles & Theory 3.0

COMMS381 International Media Systems - International Media Systems 3.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

COMMS406 Media & the First Amendment - Media & the First Amendment 3.0

COMMS416 Media Advocacy & Social Change - Media Advocacy & Social Change 3.0

COMMS426 Persuasion in the Media Age - Persuasion in the Media Age 3.0

COMMS480 Media Ethics & Moral Reasoning - Media Ethics & Moral Reasoning 3.0

COMMS481 Gender, Race, & Class in Media - Gender, Race, & Class in Media 3.0

COMMS482 Media and World Religions - Media and World Religions 3.0

**Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:**

Complete a minimum of 72 hours in courses outside of the department while meeting BYU's University Core requirements.

**confer that you have completed the following:**

Complete a minimum of 72 hours in courses outside of the department while meeting BYU's University Core requirements.

## 483634 - Communications: Public Relations (BA) *

### Program Information

| Program Title | Degree |
|---|---|
| Communications: Public Relations | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 45 | 45 |

**Major Academic Plan**

MAP - BA in Communications Public Relations 2023-2024.pdf

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Domestic diversity | Students will demonstrate an understanding of gender race ethnicity sexual orientation and as appropriate other forms of diversity in domestic society in relation to mass communication. |
| **Title** | **Learning Outcome** |
| International diversity | Students will demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of mass communications in a global society. |
| **Title** | **Learning Outcome** |
| Writing | Students will write correctly and clearly in forms and styles appropriate for the communications professions audiences and purposes they serve. |
| **Title** | **Learning Outcome** |
| Numerical skills | Students will apply basic numerical and statistical concepts |
| **Title** | **Learning Outcome** |
| Editing | Students will critically evaluate their own work and that of others for accuracy and fairness clarity appropriate style and grammatical correctness. |
| | **Learning Outcome** |
| | Students will apply tools and technologies appropriate for the |

## 483651 - Communications: Journalism and Sports Media (BA)*

### Program Information

| Program Title | Degree |
|---|---|
| Journalism and Sports Media Emphasis | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 42 | 42 |

**Major Academic Plan**

MAP - BA in Communications Journalism and Sports Media 2023-2024.pdf

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Effective Communication | Students will be able to communicate effectively with their audiences. Specifically, students will do so by planning and preparing mass communication messages in the appropriate style, using the appropriate research methods and appropriate technologies to best serve audience needs. |
| **Title** | **Learning Outcome** |
| Professional Practice | Students will act professionally in their practice. Specifically, students will be able to practice communication within legal boundaries, while exhibiting standards of professional behavior and demonstrating sensitivity to ethical behavior. Students will also be literate in the language of the media industries. |
| **Title** | **Learning Outcome** |
| Mass Communication Process | Students will be scholars of the mass communication process. Specifically, students will be able to apply relevant theory to communication practice, understand factors that shape their profession, value freedom of speech in the marketplace of ideas, and think critically about the relationship between mass media and society. |
| | **Learning Outcome** |
| | Students will be able to apply Gospel-centered values as they |

| | |
|---|---|
| **Title**<br>Technology | technologies appropriate for the communications professions in which they work. |

| | |
|---|---|
| **Title**<br>Research | **Learning Outcome**<br>Students will conduct research and evaluate information by methods appropriate to the communications professions in which they work. |

| | |
|---|---|
| **Title**<br>Freedom of speech | **Learning Outcome**<br>Students will understand and apply the principles and laws of freedom of speech and the press for the right to dissent to monitor and criticize power and to assemble and petition for redress of grievances. |

| | |
|---|---|
| **Title**<br>Ethics | **Learning Outcome**<br>Students will demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth accuracy fairness and diversity. |

| | |
|---|---|
| **Title**<br>Theory | **Learning Outcome**<br>Students will understand concepts and apply theories in the use and presentation of images and information. |

| | |
|---|---|
| **Title**<br>History | **Learning Outcome**<br>Students will demonstrate an understanding of the history and role of professionals and institutions in shaping communications. |

| | |
|---|---|
| **Title**<br>Critical thinking | **Learning Outcome**<br>Students will think critically creatively and independently. |

**Free Form Requirements**

*All students must take a campus writing course before applying for admission to the major. The following writing course fills this requirement and satisfies the GE First-Year Writing requirement: WRTG 150. AP credit does not fulfill this requirement. Note: Students must receive a B grade or better to be eligible to apply for admission to the program.*

**Requirement 1 — Complete 3 Courses**

*Note: Students must receive a B grade or better from each course to be eligible to apply for admission to the program.*

| | |
|---|---|
| **Title**<br>Applying Gospel-Centered Values | contribute to society. Specifically, students will respect diversity and agency in a global society, be able to exercise moral reasoning when faced with ethical dilemmas, and show a commitment to making a difference within their sphere of influence. |

**Free Form Requirements**

*All students must take a campus writing course before applying for admission to the major. The following writing course fills this requirement and satisfies the GE First-Year Writing requirement: WRTG 150. AP credit does not fulfill this requirement. Note: Students must receive a B grade or better to be eligible to apply for admission to the program.*

**Requirement 1 — Complete 3 Courses**

*Note: Students must receive a B grade or better in each course to be eligible to apply to the program.*

COMMS101 Mass Comm & Soc - Mass Comm & Soc 3.0

COMMS239 Intro to Storytelling - Intro to Storytelling 3.0

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

**Requirement 2 — Complete 2 Courses**

*Complete the following: (Comms 300 and Comms 304 may be taken during the semester in which students apply for admission to the major.)*

COMMS300 Media Law & Responsibility - Media Law & Responsibility 3.0

COMMS304 Media Ethics - Media Ethics 3.0

**Requirement 3 — Complete 1 Course**

*After admission to the major, complete the following:*

COMMS306 Sports Media Research - Sports Strategies and Research 3.0

COMMS308 Resrch Methods for Journalism - Resrch Methods for Journalism 3.0

**Requirement 4 — Complete 1 Course**

COMMS305 Foundations of Journalism - Foundations of Journalism 3.0

**Requirement 5 — Complete 2 Courses**

COMMS312 Digital Media Production - Digital Media Production 1.5

COMMS365 Photojournalism - Photojournalism 1.5

**Requirement 6 — Complete 1 of 2 Courses**

COMMS321 Multimedia Reporting - Multimedia Reporting 3.0

**Requirement 7 — Complete 1 of 2 Courses**

COMMS325 Video Reporting - Video Reporting 3.0

COMMS386 Sports Communication - Sports Communication 3.0

**Requirement 8 — Complete 1 Course**

COMMS490 Media Innovations Capstone - Media Innovations Capstone 3.0

COMMS101 Mass Comm & Soc - Mass Comm & Soc 3.0

COMMS235 Intro Public Reltn - Intro Public Reltn 3.0

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

*Apply to the major.*

**Requirement 2 — Complete 2 Courses**

*Complete the following: (These courses may be taken during the semester in which students apply for admission to the major.)*

COMMS300 Media Law & Responsibility - Media Law & Responsibility 3.0

COMMS304 Media Ethics - Media Ethics 3.0

**Requirement 3 — Complete 2 of 13 Courses**

COMMS301 Media History & Philosophy - Media History & Philosophy 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS351 Media & Their Audiences - Media & Their Audiences 3.0

COMMS360 Comm Mgt Principles & Theory - Comm Mgt Principles & Theory 3.0

COMMS381 International Media Systems - International Media Systems 3.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

COMMS406 Media & the First Amendment - Media & the First Amendment 3.0

COMMS411 Media Effects - Media Effects 3.0

COMMS416 Media Advocacy & Social Change - Media Advocacy & Social Change 3.0

COMMS426 Persuasion in the Media Age - Persuasion in the Media Age 3.0

COMMS480 Media Ethics & Moral Reasoning - Media Ethics & Moral Reasoning 3.0

COMMS481 Gender, Race, & Class in Media - Gender, Race, & Class in Media 3.0

COMMS482 Media and World Religions - Media and World Religions 3.0

**Requirement 4 — Complete 7 Courses**

COMMS318 PR Research & Measurement - PR Research & Measurement 3.0

COMMS320 Public Relations Writing - Public Relations Writing 3.0

COMMS333 Social and Digital Media - Social and Digital Media 3.0

COMMS350 Vis Comm in PR - Vis Comm in PR 3.0

COMMS436 PR Strategy - PR Strategy 3.0

COMMS485 PR Campaigns - PR Campaigns 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 5 — Complete 1 of 4 Options**

**Option 5.1 — Complete 3 hours**

**Requirement 9 — Complete 2 of 13 Courses**

COMMS301 Media History & Philosophy - Media History & Philosophy 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS351 Media & Their Audiences - Media & Their Audiences 3.0

COMMS360 Comm Mgt Principles & Theory - Comm Mgt Principles & Theory 3.0

COMMS381 International Media Systems - International Media Systems 3.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

COMMS406 Media & the First Amendment - Media & the First Amendment 3.0

COMMS411 Media Effects - Media Effects 3.0

COMMS416 Media Advocacy & Social Change - Media Advocacy & Social Change 3.0

COMMS426 Persuasion in the Media Age - Persuasion in the Media Age 3.0

COMMS480 Media Ethics & Moral Reasoning - Media Ethics & Moral Reasoning 3.0

COMMS481 Gender, Race, & Class in Media - Gender, Race, & Class in Media 3.0

COMMS482 Media and World Religions - Media and World Religions 3.0

**Requirement 10 — Complete 1 of 4 Options**

**Option 10.1 — Complete 3 hours**

*Internship: After consulting with an advisor, complete an internship in conjunction with 3 hours of the following:*

COMMS496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 4.0v

Note: A C- grade or better in the following prerequisite courses must be achieved before the internship experience: Comms 306; Comms 308; Comms 321

**Option 10.2 — Complete 3 hours**

*Faculty Mentored Research Practicum: Conducting research in a mentored environment with a faculty-sponsored research project. After consulting with a faculty advisor, complete a mentored research practicum in conjunction with 3 hours of the following:*

COMMS497R Mentored Research Practicum. - Mentored Research Practicum. - *You may take up to 3.0 credit hours* 1.0

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's research projects. Enrollment in Comms 497R is based on faculty research project availability. After the student has secured a faculty mentor, the student must request a comms 497R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

**Option 10.3 — Complete 3 hours**

*Internship: After consulting with an advisor, complete an internship in conjunction with 3 hours of the following:*

COMMS496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 4.0v

Note: A C- grade or better in the following prerequisite courses must be achieved before the internship experience: Comms 318, 333, 320 & 350.

**Option 5.2 — Complete 3 hours**

*Faculty Mentored Research Practicum: Conducting research in a mentored environment with a faculty-sponsored research project. After consulting with a faculty advisor, complete a mentored research practicum in conjunction with 3 hours of the following:*

COMMS497R Mentored Research Practicum. - Mentored Research Practicum. - *You may take up to 3.0 credit hours* 1.0

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's research projects. Enrollment in Comms 497R is based on faculty research project availability. After the student has secured a faculty mentor, the student must request a comms 497R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

**Option 5.3 — Complete 3 hours**

*Faculty Mentored Projects in Communication: After consulting with a faculty advisor, complete a mentored communication project in conjunction with 3 hours of the following:*

COMMS498R Projects in Communications - Projects in Communications - *You may take up to 3.0 credit hours* 0.5v

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's comms projects. Enrollment in Comms 498R is based on the availability of faculty-mentored comms projects. After the student has secured a faculty mentor, the student must request a comms 498R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

**Option 5.4 — Complete 3 hours**

*School of Communications Labs: After consulting with your sequence's professional faculty and lab manager, complete a mentored lab experience in conjunction with 3 hours of the following:*

COMMS491R Student Media Labs - Student Media Labs - *You may take up to 3.0 credit hours* 1.0v

Note: It is the student's responsibility to talk to their sequence's lab mentors to discuss the possibility of enrolling in Comms 491R. Enrollment is based on project availability and lab needs. Students who have been cleared to enroll must request a comms 491R contract from the School of Communications main office. The student and their lab mentors must agree on the terms of the contract and sign it. Students should return the form to the main office to receive an add code. Comms 491R cannot be combined with a paid position in the same lab.

**Recommended Courses are not required to complete the program**

*It is recommended that PR students complete one of the following to fulfill the General Education Advanced Writing and Oral*

*Faculty Mentored Projects in Communication: After consulting with a faculty advisor, complete a mentored communication project in conjunction with 3 hours of the following:*

COMMS498R Projects in Communications - Projects in Communications - *You may take up to 3.0 credit hours* 0.5v

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's comms projects. Enrollment in Comms 498R is based on the availability of faculty-mentored comms projects. After the student has secured a faculty mentor, the student must request a comms 498R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

**Option 10.4 — Complete 3 hours**

*School of Communications Labs: After consulting with your sequence's professional faculty and lab manager, complete a mentored lab experience in conjunction with 3 hours of the following:*

COMMS491R Student Media Labs - Student Media Labs - *You may take up to 3.0 credit hours* 1.0v

Note: It is the student's responsibility to talk to their sequence's lab mentors to discuss the possibility of enrolling in Comms 491R. Enrollment is based on project availability and lab needs. Students who have been cleared to enroll must request a comms 491R contract from the School of Communications main office. The student and their lab mentors must agree on the terms of the contract and sign it. Students should return the form to the main office to receive an add code. Comms 491R cannot be combined with a paid position in the same lab.

**Requirement 11 — Obtain confirmation from your advisement center that you have completed the following:**

Complete a minimum of 72 hours in courses outside of the department while meeting BYU's University Core requirements.

*Communication requirement. Students who want more writing experience should take COMMS 321 after taking COMMS 320. This is a valuable enhancement class, but the credits do not count towards Public Relations program requirements.*

COMMS321 Multimedia Reporting - Multimedia Reporting 3.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

PHIL300 Philosophical Writing - Philosophical Writing 3.0

WRTG312 Persuasive Writing - Persuasive Writing 3.0

WRTG316 Technical Communication - Technical Communication 3.0

*All PR emphasis students are encouraged to become active members of the Public Relations Student Society of America (PRSSA).*

**Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:**

Complete a minimum of 72 hours in courses outside of the department while meeting BYU's University Core requirements.

## 484601 - Music (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Music | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 21 | 21 |

| Title | Learning Outcome |
|---|---|
| Western European Musical Traditions | Students will receive an overview to Western European musical traditions including its theory history and repertoire |

| Title | Learning Outcome |
|---|---|
| Music as culture | Students will experience a brief introduction of music as representative of culture |

| Title | Learning Outcome |
|---|---|
| Applied performance | Students will gain practical experience through applied performance instruction and ensemble participation |

**Free Form Requirements**

*The School of Music requires a minimum of 10 hours of music credit to be taken in residence at BYU's Provo campus for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 — Complete 2 Courses**

*Intro to Western European music courses:*

MUSIC100 Music Fundamentals - Music Fundamentals 2.0

MUSIC101 Introduction to Music - Introduction to Music 3.0

## 484620 - Music (BA) *

### Program Information

| Program Title | Degree |
|---|---|
| Music | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 51 | 60 |

**Major Academic Plan**

MAP - BA in Music 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Music History and Theory | Show mastery of the basic cultural and historical background of Western civilization and the important musical styles that have emerged therefrom. |

| Title | Learning Outcome |
|---|---|
| Performance and Musicianship | Show proficiency in performance on an instrument or voice. |

| Title | Learning Outcome |
|---|---|
| Personalized Program Plan | Demonstrate ability to connect their music training to their broader personal goals whether in music or in another discipline. |

**Free Form Requirements**

*See the college advisement center to obtain information concerning official acceptance into a specific degree program.*

**Requirement 1 — Complete 13 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

**Requirement 2 — Complete 1 of 2 Courses**

*Surveys of Western European culture and arts courses:*

MUSIC201 Civilization: Music 1 - Civilization: Music 1 3.0

MUSIC202 Civilization: Music 2 - Civilization: Music 2 3.0

**Requirement 3 — Complete 1 of 2 Courses**

*Music in/as culture courses:*

MUSIC203 World Music Cultures - World Music Cultures 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

**Requirement 4 — Complete 1 Course**

*Conducting course:*

MUSIC135 Basic Conducting - Basic Conducting 2.0

**Requirement 5 — Complete 4 hours**

*Applied lessons:*

MUSIC160R Performance Instruction - Performance Instruction - *You may take up to 4.0 credit hours* 0.5v

**Requirement 6 — Complete 4 hours**

*Performance ensemble courses:*

MUSIC311R University Chorale - University Chorale - *You may take up to 4.0 credit hours* 1.0

MUSIC312R Men's Chorus - Men's Chorus - *You may take up to 4.0 credit hours* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take up to 4.0 credit hours* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take up to 4.0 credit hours* 1.0

MUSIC315R University Singers - University Singers - *You may take up to 4.0 credit hours* 1.0

MUSIC316R Opera Workshop - Opera Workshop - *You may take up to 4.0 credit hours* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take up to 4.0 credit hours* 0.5v

MUSIC321R University Orchestra - University Orchestra - *You may take up to 4.0 credit hours* 1.0

MUSIC322R University Band - University Band - *You may take up to 4.0 credit hours* 1.0

MUSIC323R Marching Band - Marching Band - *You may take up to 4.0 credit hours* 1.0

MUSIC324R Cougar Band - Cougar Band - *You may take up to 4.0 credit hours* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take up to 4.0 credit hours* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take up to 4.0 credit hours* 1.0

MUSIC329R Folk Ensemble - Folk Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 2 — Complete 1 of 2 Courses**

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

**Requirement 3 — Complete 1 of 2 Options**

**Option 3.1 — Complete 8 hours**

*Instrumentalists and Contemporary Vocalists:*

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

**Option 3.2 — Complete 8 hours**

*Classical Vocalists: (Note: Concurrent registration in Music 260R: Classical Voice and Music 262R: Diction Lab is required.)*

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1 - Diction Lab 1 - *You may take up to 2.0 credit hours* 0.5

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 1 hour of ensemble each semester for four semesters (determined by the student's major instrumental teacher or by choral audition - not by the student). (A) complete 2-3 hours from the Category 1 Approved Large Ensembles (see your MAP); (B) complete 1-2 hours from the Category 2 Other Approved Ensembles (see your MAP).

**Requirement 5 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 6 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC330R Steel Band - Steel Band - *You may take up to 4.0 credit hours* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take up to 4.0 credit hours* 1.0

MUSIC332R YA Show Band - YA Show Band - *You may take once* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC334R Synthesis - Synthesis - *You may take up to 4.0 credit hours* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take once* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take up to 4.0 credit hours* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take up to 4.0 credit hours* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take up to 4.0 credit hours* 1.0

MUSIC339R Chamber Orchestra - Chamber Orchestra - *You may take up to 4.0 credit hours* 1.0

MUSIC340R Harp Ensemble - Harp Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Musc - *You may take up to 4.0 credit hours* 1.0

08918-000 - Missing course - Early Music Ensemble - *You may take once* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take up to 4.0 credit hours* 1.0

MUSIC348R Woodwind Chamber Music - Woodwind Chamber M - *You may take up to 4.0 credit hours* 1.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 7 — Complete 1 of 3 Options**

*Consult with the Associate Director of Undergraduate Studies in the School of Music to create a plan for the completion of Requirement 7.*

**Option 7.1 — Complete 3 Options**

**Requirement 7.1.1 — Complete 1 of 2 Options**

**Option 7.1.1.1 — Complete 4 hours**

*Instrumentalists:*

MUSIC360R Performance Instruction - Performance Instruction - *You may take up to 4.0 credit hours* 0.5v

**Option 7.1.1.2 — Complete 4 hours**

*Classical Vocalists: (Note: Concurrent registration in Music 260R: Voice and Music 262R: Diction Lab is required.)*

MUSIC360R Performance Instruction - Performance Instruction - *You may take up to 3.0 credit hours* 0.5v

MUSIC362R Diction Lab 2 - Diction Lab 2 - *You may take up to 1.0 credit hour* 0.5

**Requirement 7.1.2 — Complete 1 Course**

*Enroll in Music 349 (0 credit hours) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A pre-recital hearing is required at least three weeks before juried recitals.*

MUSIC349 Junior Recital - Junior Recital 0.0

**Requirement 7.1.3 — Obtain confirmation from your advisement center that you have completed the following:**

After written approval of the BA faculty advisor, complete 2 hours of music electives. Note: Additional credits of Music 360R and Music 262R not used to fulfill Requirement 7.1.1 may count toward Requirement 7.1.3.

**Option 7.2 — Complete 2 Option**

**Requirement 7.2.1 — Obtain confirmation from your advisement center that you have completed the following:**

After written approval of the BA faculty advisor, complete 6 hours of elective courses.

**Requirement 7.2.2 — Complete 1 Course**

MUSIC490 BA Music Capstone - BA Music Capstone 3.0

**Option 7.3 — Complete 1 Options**

**Requirement 7.3.1 — Obtain confirmation from your advisement center that you have completed the following:**

Complete an approved minor outside of Music. Note: Chosen minor may not be a music minor, and must be completed as part of your graduation requirements.

**Requirement 7.3.2 —Obtain confirmation from your advisement center that you have completed the following:**

Complete 15 credit hours of BA Faculty Advisor-approved courses in a concentrated area of study outside of music.

*APPENDIX A: See Ensemble Requirement*

*Category 1: Approved Large Ensembles*

MUSIC312R Men's Chorus - Men's Chorus - *You may take three times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take three times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take three times* 1.0

MUSIC315R University Singers - University Singers - *You may take three times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take three times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take three times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take three times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take three times* 1.0

*Category 2: Other Approved Ensembles*

MUSIC316R Opera Workshop - Opera Workshop - *You may take two times* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take two times* 0.5v

04018-012 - Missing course - Music Theatre Ensemble - *You may take two times* 1.0

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take two times* 1.0

MUSIC323R Marching Band - Marching Band - *You may take two times* 1.0

MUSIC327R Percussion Chamber Music - Percussion Chamber Music - *You may take two times* 1.0

MUSIC330R Steel Band - Steel Band - *You may take two times* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take two times* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take two times* 1.0

MUSIC333R Vocal Jazz Ensemble - Vocal Jazz Ensemble - *You may take two times* 1.0

MUSIC334R Synthesis - Synthesis - *You may take two times* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take two times* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take two times* 1.0

MUSIC339R Chamber Orchestra- Chamber Orchestra - *You may take two times* 1.0

MUSIC340R Harp Ensemble - Harp Ensemble - *You may take two times* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Musc - *You may take two times* 1.0

08918-000 - Missing course - Early Music Ensemble - *You may take two times* 1.0

*times* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take two times* 1.0

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take two times* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take two times* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take two times* 1.0

MUSIC348R Woodwind Chamber Music - Woodwind Chamber M - *You may take two times* 1.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take two times* 1.0

## 484622 - Music Composition (BM) *

### Program Information

| Program Title | Degree |
|---|---|
| Music Composition | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 78 | 78 |

**Major Academic Plan**

MAP - BM in Music Composition 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Composition | Compose music with modern contemporary or experimental music vocabularies rooted in historical principles. |

| Title | Learning Outcome |
|---|---|
| Colors | Write for diverse color combinations including orchestral vocal and electroacoustic resources. |

| Title | Learning Outcome |
|---|---|
| Concert | Prepare and present a juried recital of their own music during their senior year. |

| Title | Learning Outcome |
|---|---|
| Canon | Expand and deepen one's knowledge of the contemporary canon of serious composition. |

**Free Form Requirements**

**Requirement 1 — Complete 14 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

## 484624 - Music Education: K-12 Instrumental (BM) *

### Program Information

| Program Title | Degree |
|---|---|
| Music Education: K-12 Instrumental | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 93 | 93 |

**Major Academic Plan**

MAP - BM in Music Education K-12 Instrumental 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Effective Pedagogy, Philosophy, and Practice | Students will function as competent educators with a secure grasp of effective pedagogical practice grounded in sound teaching philosophy and carefully considered curricular and instructional priorities. |

| Title | Learning Outcome |
|---|---|
| Effective Communication | Students will demonstrate effective interpersonal and communication skills, especially the ability to connect with students. |

| Title | Learning Outcome |
|---|---|
| Music Teaching Strategies and Materials | Students will demonstrate a knowledge of a broad array of skills, strategies, methodologies, and materials related to music teaching. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the*

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 2 — Complete 1 of 2 Courses**

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

**Requirement 3 — Complete 1 of 2 Options**

**Option 3.1 — Complete 8 hours**

*Instrumentalists and Contemporary Vocalists:*

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

**Option 3.2 — Complete 8 hours**

*Classical Vocalists:*

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1 - Diction Lab 1 - *You may take up to 2.0 credit hours* 0.5

Note: Concurrent registration in Music 260R: Classical Voice is required for Music 262R: Diction Lab 1.

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 1 hour of ensemble each semester for four semesters, including 1-3 hours from Category 1: Approved Large Ensembles and 1-3 hours from Category 2 ensembles (see MAP). At least 1 of the hours for Category 2 must be from MUSIC 441R - New Music Ensemble.

**Requirement 5 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 6 — Complete 1 of 2 Courses**

*state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 1 Course**

*Proficiency requirements: Present a juried recital (Music 349) in the last semester of private instruction. Students must prepare a minimum of 25 minutes of music to be performed in a formal public recital. Students will schedule a joint recital with one other music major, or they may present a full recital if encouraged to do so by their major instructor.*

MUSIC349 Junior Recital - Junior Recital 0.0

**Requirement 2 — Complete 14 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 3 — Complete 8 hours**

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

**Requirement 4 — Complete 4 hours**

MUSIC360R Performance Instruction - Performance Instruction - *You may take up to 4.0 credit hours* 0.5v

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 7 — Complete 4 hours**

MUSIC187R Composition - Composition - *You may take 4 times* 1.0

**Requirement 8 — Complete 1 Course**

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

**Requirement 9 — Complete 4 hours**

MUSIC387R Composition Seminar. - Composition Seminar. - *You may take up to 4.0 credit hours* 0.5

**Requirement 10 — Complete 6 hours**

*Students must pass a juried portfolio review prior to enrolling in Music 388R.*

MUSIC388R Advanced Composition - Advanced Composition - *You may take up to 6.0 credit hours* 1.5

**Requirement 11 — Complete 4 Courses**

MUSIC481 Orchestration 1 - Orchestration 1 3.0

MUSIC483 Counterpoint - Counterpoint 3.0

MUSIC581 Orchestration 2 - 20th Century Orchestration 3.0

MUSIC583 16th-Century Counterpoint - 16th-Century Counterpoint 3.0

**Requirement 12 — Complete 1 Requirement**

*Recital:*

Present a juried composition recital (Music 449) during the senior year.

Enroll in Music 449 (1 credit hour) for the semester during which a recital is to be presented. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

**Requirement 12.1 — Complete 1 Course**

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

**Requirement 13 — Obtain confirmation from your advisement center that you have completed the following:**

After consulting with faculty advisor, complete 2 hours of music electives.

*APPENDIX A: See Ensemble Requirement*

*Category 1: Approved Large Ensembles*

MUSIC312R Men's Chorus - Men's Chorus - *You may take three times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take three times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take three times* 1.0

MUSIC315R University Singers - University Singers - *You may take three times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take three*

Music education majors must enroll in at least 1 hour of approved large ensemble each semester for seven semesters. Those who play woodwind, brass, or percussion instruments must enroll in one semester of marching band, which may be counted toward the 7-hour large ensemble requirement if it is completed after the student has been officially accepted as a degree candidate in instrumental music education (after freshman year).

**Requirement 6 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 7 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 8 — Complete 10 Courses**

MUSIC176 Careers in Mus Ed - Careers in Mus Ed 1.0

MUSIC281 Found of Teach Children Music - Found of Teach Children Music 2.0

MUSIC278 Foundations of Music Teaching - Foundations of Music Teaching 2.0

MUSIC380C Tech for Music Ed Woodwinds - Tech for Music Ed Woodwinds 1.0

MUSIC380D Tech for Music Ed Dbl Reeds - Tech for Music Ed Dbl Reeds 1.0

MUSIC380B Techniques for Music Ed Brass - Techniques for Music Ed Brass 1.0

MUSIC380H Techniques for Mus Ed Strings - String Workshop 1.0

07886-001 - Missing course - String Workshop 1.0

MUSIC283 Found of Teaching Instruments - Found of Teaching Instruments 2.0

MUSIC383 Art of Teaching Instrumental - Art of Teaching Instrumental 3.0

**Requirement 9 — Complete 1 of 2 Options**

**Option 9.1 — Complete 1 Course**

*Non-percussionists:*

04036-007 - Missing course - Tech for Choral Mus Ed Perc 1.0

**Option 9.2 — Complete 2 Courses**

*Percussionists:*

MUSIC273A Percussion Techniques - Percussion Techniques 0.5

MUSIC273B Percussion Techniques - Percussion Techniques 0.5

**Requirement 10 — Complete 2 Requirements**

*Professional Education Component:*

*times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take three times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take three times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take three times* 1.0

*Category 2: Other Approved Ensembles*

MUSIC316R Opera Workshop - Opera Workshop - *You may take two times* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take two times* 0.5v

04018-012 - Missing course - Music Theatre Ensemble - *You may take two times* 1.0

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take two times* 1.0

MUSIC323R Marching Band - Marching Band - *You may take two times* 1.0

MUSIC327R Percussion Chamber Music - Percussion Chamber Music - *You may take two times* 1.0

MUSIC330R Steel Band - Steel Band - *You may take two times* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take two times* 1.0

MUSIC333R Vocal Jazz Ensemble - Vocal Jazz Ensemble - *You may take two times* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take two times* 1.0

MUSIC334R Synthesis - Synthesis - *You may take two times* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take two times* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take two times* 1.0

MUSIC339R Chamber Orchestra - Chamber Orchestra - *You may take two times* 1.0

MUSIC340R Harp Ensemble - Harp Ensemble - *You may take two times* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Musc - *You may take two times* 1.0

08918-000 - Missing course - Early Music Ensemble - *You may take two times* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take two times* 1.0

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take two times* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take two times* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take two times* 1.0

MUSIC348R Woodwind Chamber Music - Woodwind Chamber M - *You*

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 10.1 — Complete 4 Courses**

*Note: FBI fingerprint and background clearance must be completed prior to enrollment in Music 276.*

MUSIC276 Intro to Music Education - Intro to Music Education 3.0

MUSIC379 Pre-Student Teaching - Pre-Student Teaching 2.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

**Requirement 10.2 — Complete 12 hours**

*Note: All professional education courses (above) and Music 260R and 363 credits must be completed before student teaching (Music 476).*

MUSIC476 Secondary Student Teaching - Secondary Student Teaching - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns must complete three forms in their LiveText accounts (PIBS, CDS, FED) and attach their TWS to the LiveText account for their program. All four must be completed to be cleared for graduation.

*may take two times* 1.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take three times* 1.0

## 484625 - Music Education (BM)*

### Program Information

| Program Title | Degree |
|---|---|
| Music Education | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 88 | 92 |

**Major Academic Plan**

MAP - BM in Music Education 2023-2024.pdf

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 1 of 2 Options**

*Proficiency Requirements: Present a juried recital (Music 249) in the last semester of private instruction on their primary instrument. Students must prepare a minimum of 18 minutes (for vocalists) and 25 minutes (for instrumentalists) of music to be performed in a formal public recital. Students will schedule a joint recital in groups of three or fewer.*

**Option 1.1 — Complete 1 Course**

*Vocalists only.*

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

**Option 1.2 — Complete 1 Course**

*Instrumentalists only.*

MUSIC349 Junior Recital - Junior Recital 0.0

**Requirement 2 — Complete 13 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

## 484630 - Music Performance: Vocal (BM) *

### Program Information

| Program Title | Degree |
|---|---|
| Music Performance: Vocal | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 76 | 76 |

**Major Academic Plan**

MAP - BM in Music Performance Vocal 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Performance Preparation | Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire. |

| Title | Learning Outcome |
|---|---|
| Performance Practice | Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice. |

| Title | Learning Outcome |
|---|---|
| Music Pedagogy | Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses. |

**Free Form Requirements**

**Requirement 1 — Complete 15 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 3 — Complete 1 of 2 Options**

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

**Requirement 4 — Complete 1 of 2 Options**

**Option 4.1 — Complete 12 hours**

*Instrumentalists (on your primary instrument):*

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

MUSIC360R Performance Instruction - Performance Instruction - *You may take up to 4.0 credit hours* 0.5v

**Option 4.2 — Complete 8 hours**

*Vocalists:*

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1: English - Diction Lab 1 - *You may take up to 2.0 credit hours* 0.5

NOTE: Concurrent registration in Music 260R: Classical Voice and Music 262R: Diction Lab 1 is required.

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete semesters one hour of approved ensemble participation each semester in the program (with the exception of the semester of student teaching) with a minimum of 7.0 credit hours. At least 6.0 credit hours must be from Category I: Approved Large Ensembles on the student's primary instrument. One (1.0) credit hour may be from an Approved Category II ensemble on the student's primary instrument or secondary instrument. A list of Approved Ensembles is included in Appendix A at the end of this document.

**Requirement 6 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 2 — Complete 8 hours**

*Note: Concurrent registration in Music 260R: Classical Voice and Music 262R: Diction Lab 1 is required.*

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1 - Diction Lab 1 - *You may take up to 2.0 credit hours* 0.5

**Requirement 3 — Complete 8 hours**

*Note: Concurrent registration in Music 360R: Classical Voice and Music 362R: Diction Lab 2 is required.*

MUSIC360R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC362R Diction Lab 2 - Diction Lab 2 - *You may take up to 2.0 credit hours* 0.5

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

Complete one hour of ensemble each semester for eight semesters, including: a) 2-6 hours from Category 1: Approved Large Ensembles. b) 1-6 hours of the following: Music 316R: Opera Workshop (1:6:0). c) 1-5 hours of the following: Music 317R: Opera Ensemble (.5-3:6:0); Music 318R: Music Theatre Ensemble (1:0:5).

**Requirement 5 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 6 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 7 — Complete 3 Courses**

MUSIC363 Vocal Pedagogy - Vocal Pedagogy 2.0

MUSIC402 Vocal Literature - Vocal Literature 3.0

MUSIC472 Supervised Teaching in Voice - Supervised Teaching in Voice 2.0

**Requirement 8 — Complete 8 hours**

FREN101 First-Year French, Part 1 - First-Year French, Part 1 4.0

FREN102 First-Year French, Part 2 - First-Year French, Part 2 4.0

GERM101 1st Year German - 1st Year German 4.0

GERM102 1st Year German - 1st Year German 4.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 7 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 8 — Complete 5 Courses**

MUSIC276 Intro to Music Education - Intro to Music Education 3.0

MUSIC278 Foundations of Music Teaching - Foundations of Music Teaching 2.0

MUSIC281 Found of Teach Children Music - Found of Teach Children Music 2.0

MUSIC282 Found of Teaching Vocalists - Found of Teaching Vocalists 2.0

MUSIC283 Found of Teaching Instruments - Found of Teaching Instruments 2.0

**Requirement 9 — Complete 1 of 3 Courses**

MUSIC381 Art of Teaching Children Music - Art of Teaching Children Music 3.0

MUSIC382 Art of Teaching Vocalists - Art of Teaching Vocalists 3.0

MUSIC383 Art of Teaching Instrumental - Art of Teaching Instrumental 3.0

**Requirement 10 — Complete 3 of 9 Courses**

MUSIC363 Vocal Pedagogy - Vocal Pedagogy 2.0

MUSIC380A Techniques for Mus Ed Voice - Techniques for Mus Ed Voice 1.0

MUSIC380B Techniques for Music Ed Brass - Techniques for Music Ed Brass 1.0

MUSIC380C Tech for Music Ed Woodwinds - Tech for Music Ed Woodwinds 1.0

MUSIC380D Tech for Music Ed Dbl Reeds - Tech for Music Ed Dbl Reeds 1.0

MUSIC380E Tech for Choral Mus Ed Perc - Tech for Choral Mus Ed Perc 1.0

MUSIC380F Tech for Instrum Music Ed Perc - Tech for Instrum Music Ed Perc 1.0

MUSIC380G Techniques for Mus Ed Guitar - Techniques for Mus Ed Guitar 1.0

MUSIC380H Techniques for Mus Ed Strings - Techniques for Mus Ed Strings 1.0

**Requirement 11 — Complete 3 hours**

*Choose from the following list of electives.*

MUSIC160R Performance Instruction - Performance Instruction - *Must be a secondary instrument. You may take up to 1 credit hour* 0.5v

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

ITAL101 1st-Year Italian, Part 1 - 1st-Year Italian, Part 1 4.0

ITAL102 1st-Year Italian, Part 2 - 1st-Year Italian, Part 2 4.0

**Requirement 9 — Complete 1 Requirement**

*Recitals:*

Pass a juried junior recital (Music 349) and a juried senior recital (Music 449).

Enroll in Music 349 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in Music 360R is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

**Requirement 9.1 — Complete 2 Courses**

MUSIC349 Junior Recital - Junior Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

**Requirement 10 —Complete 1 hour**

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC261 MDT Vocal Technique 2. - MDT Vocal Technique 2. 2.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC370 Musical Theater Pedagogy - Musical Theater Pedagogy and Vocal Technique 1.0

MUSIC482 Choral Arranging - Choral Arranging 1.0

**Recommended Courses are not required to complete the program**

DANCE164 Music for Movement - Music for Movement 0.5v

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

**Recommended Courses are not required to complete the program**

*Students intending to enter graduate school in voice should complete:*

FREN101 First-Year French, Part 1 - First-Year French, Part 1 4.0

GERM101 1st Year German - 1st Year German 4.0

ITAL101 1st-Year Italian, Part 1 - 1st-Year Italian, Part 1 4.0

*APPENDIX A: See Ensemble Requirement*

*Category 1: Approved Large Ensembles*

MUSIC312R Men's Chorus - Men's Chorus - *You may take six time* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take six times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take six times* 1.0

MUSIC370 Musical Theater Pedagogy - Musical Theater Pedagogy and Vocal Technique 1.0

MUSIC381 Art of Teaching Children Music - Art of Teaching Children Music 3.0

MUSIC382 Art of Teaching Vocalists - Art of Teaching Vocalists 3.0

MUSIC383 Art of Teaching Instrumental - Art of Teaching Instrumental 3.0

MUSIC468 Jazz Pedagogy - Jazz Pedagogy 1.0

MUSIC482 Choral Arranging - Choral Arranging 1.0

MUSIC494R Indepndnt Readings - Indepndnt Readings - *You may take up to 1.0 credit hour* 0.5v

MUSIC535R Instr Conduct & Error Detect - Instr Conduct & Error Detect - *You may take once* 2.0

MUSIC576 Fund&Tech Marching Band - Fund&Tech Marching Band 2.0

*NOTE: Courses used to fulfill Requirement 11 may not be used to fulfill other requirements.*

**Requirement 12 — Complete 4 Courses**

MUSIC176 Careers in Mus Ed - Careers in Mus Ed 1.0

MUSIC379 Pre-Student Teaching - Pre-Student Teaching 2.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

**Requirement 13 — Complete 12 hours**

MUSIC476 Secondary Student Teaching - Secondary Student Teaching 12.0

*All major requirements (music and education courses) must be completed prior to student teaching.*

**APPENDIX A:** See Ensemble Requirement

*Approved Category I Large Ensembles*

MUSIC311R University Chorale - University Chorale - *You may take seven times* 1.0

MUSIC312R Men's Chorus- Men's Chorus - *You may take seven times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take seven times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take seven times* 1.0

MUSIC315R University Singers- University Singers - *You may take seven times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take seven times* 1.0

MUSIC326R Wind Symphony- Wind Symphony - *You may take seven times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take seven times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take seven times* 1.0

*Approved Category II Ensembles*

MUSIC315R University Singers - University Singers - *You may take six times* 1.0

Category 2: Approved Large Ensembles

MUSIC316R Opera Workshop - Opera Workshop - *You may take six times* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take five times* 0.5v

MUSIC311R University Chorale - University Chorale - *You may take once* 1.0

MUSIC316R Opera Workshop - Opera Workshop - *You may take once* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take once* 0.5v

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take once* 1.0

MUSIC321R University Orchestra - University Orchestra - *You may take once* 1.0

MUSIC322R University Band - University Band - *You may take once* 1.0

MUSIC323R Marching Band - Marching Band - *You may take once* 1.0

MUSIC329R Folk Ensemble - Folk Ensemble - *You may take once* 1.0

MUSIC330R Steel Band - Steel Band - *You may take once* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take once* 1.0

MUSIC333R Jazz Lab Band - Jazz Ensemble - *You may take once* 1.0

MUSIC334R Synthesis - Synthesis - *You may take once* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take once* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take once* 1.0

MUSIC339R Chamber Orchestra - Chamber Orchestra - *You may take once* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take once* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take once* 1.0

## 484631 - Music Education: K-12 Choral (BM) **

### Program Information

| Program Title | Degree |
|---|---|
| Music Education: K-12 Choral | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 88 | 88 |

**Major Academic Plan**

MAPS - BM in Music Education K-12 Choral Emphasis 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Effective Pedagogy, Philosophy, and Practice | Students will function as competent educators with a secure grasp of effective pedagogical practice grounded in sound teaching philosophy and carefully considered curricular and instructional priorities. |

| Title | Learning Outcome |
|---|---|
| | Students will demonstrate effective interpersonal and |

## 484637 - Music Performance: Piano (BM) **

### Program Information

| Program Title | Degree |
|---|---|
| Music Performance: Piano | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 76.5 | 77.5 |

**Major Academic Plan**

MAP - BM in Music Performance Piano 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Performance Preparation | Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire. |

| Title | Learning Outcome |
|---|---|
| | Demonstrate command of performance practice from the major stylistic periods as appropriate to the |

| Title | Learning Outcome |
| --- | --- |
| Effective Communication | effective interpersonal and communication skills, especially the ability to connect with students. |

| Title | Learning Outcome |
| --- | --- |
| Music Teaching Strategies and Materials | Students will demonstrate a knowledge of a broad array of skills, strategies, methodologies, and materials related to music teaching. |

Free Form Requirements

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 1 Course**

*Proficiency requirements: Present a juried recital (Music 249) in the last semester of private instruction. Students must prepare a minimum of 18 minutes of music to be performed in a formal public recital. Students will schedule a joint recital in groups of three or fewer.*

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

**Requirement 2 — Complete 14 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

| Title | Learning Outcome |
| --- | --- |
| Performance Practice | instrument/voice. |

| Title | Learning Outcome |
| --- | --- |
| Music Pedagogy | Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses. |

Free Form Requirements

**Requirement 1 — Complete 12 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 2 — Complete 1 of 2 Courses**

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

**Requirement 3 — Complete 8 hours**

MUSIC260R Piano - Piano - *You may take up to 8.0 credit hours* 0.5v

**Requirement 4 — Complete 4 hours**

MUSIC360R Piano - Piano - *You may take up to 4.0 credit hours* 0.5v

**Requirement 5 — Complete 6 hours**

MUSIC460R Piano - Piano - *You may take up to 6.0 credit hours* 1.5v

**Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:**

*Complete one hour of ensemble each semester for six semesters, including 2-4 hours from Category 1: Approved Large Ensembles and 2-4 hours from Category 2 ensembles (see MAP).*

Complete 1 hour of ensemble each semester for six semesters (determined by the student's major instrumental teacher or by choral audition - not by the student). (A) complete 2 or 4 hours from Category 1 Approved Large Ensembles (see MAP) AND (B) complete 2 or 4 hours from Category 2 Music 344R (each 2 hours of 344R must be taken in consecutive fall and winter semesters).

**Requirement 7 — Complete 4 Courses**

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 3 — Complete 1 Requirement**

**Requirement 3.1 — Complete 8 hours**

*Complete eight hours of lessons from the following:*

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1: English - Diction Lab 1: English - *You may take up to 2.0 credit hours* 0.5

Note: Concurrent registration in Music 260R: Classical Voice and Music 262R: Diction Lab is required.

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

Music education majors must enroll in at least 1 hour of approved large ensemble each semester for seven semesters within student's area of specialization. At least 1 hour must be the Music 311R evening section.

**Requirement 5 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 6 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 7 — Complete 8 Courses**

MUSIC176 Careers in Mus Ed - Careers in Mus Ed 1.0

MUSIC281 Found of Teach Children Music - Found of Teach Children Music 2.0

MUSIC278 Foundations of Music Teaching - Foundations of Music Teaching 2.0

MUSIC363 Vocal Pedagogy - Vocal Pedagogy 2.0

04036-007 - Missing course - Percussion Wrkshp 1.0

MUSIC282 Found of Teaching Vocalists - Found of Teaching Vocalists 2.0

MUSIC382 Art of Teaching Vocalists - Art of Teaching Vocalists 3.0

MUSIC482 Choral Arranging - Choral Arranging 1.0

**Requirement 8 — Complete 2 Requirements**

*Professional Education Component:*

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 8 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 9 — Complete 8 Courses**

MUSIC165 Survey of the Great Pianists - Survey of the Great Pianists 0.5

MUSIC264 Keyboard Fdns 1 - Keyboard Fdns 1 2.0

MUSIC265 Keyboard Fnds 2 - Keyboard Fnds 2 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC364 Keyboard Pedagogy - Keyboard Pedagogy 2.0

MUSIC365 Piano Pedagogy - Piano Pedagogy 2.0

MUSIC403A Piano Literature - Piano Literature 2.0

MUSIC403B Piano Literature - Piano Literature 2.0

**Requirement 10 — Complete 2 hours**

MUSIC470R Keyboard Teaching Practicum - Keyboard Teaching Practicum - *You may take up to 2.0 credit hours* 1.0

**Requirement 11 — Complete 2 hours**

MUSIC115 Basic Organ Skills - Basic Organ Skills 2.0

MUSIC260R Organ - Organ - *You may take up to 2.0 credit hours* 0.5v

**Requirement 12 — Complete 3 hours**

MUSIC116R Organ Tech & Lit - Organ Tech & Lit - *You may take up to 2.0 credit hours* 2.0

MUSIC260R Organ - Organ - *You may take up to 2.0 credit hours* 0.5v

MUSIC394 Jazz Styles & Analysis - Jazz Styles & Analysis 3.0

MUSIC483 Counterpoint - Counterpoint 3.0

MUSIC485 Jazz Arranging - Jazz Arranging 3.0

MUSIC583 16th-Century Counterpoint - 16th-Century Counterpoint 3.0

MUSIC595 Score Analysis - Score Analysis 2.0

**Requirement 13 — Complete 1 Requirement**

*Recitals:*

Present a juried recital (Music 249) during the sophomore year. A juried senior recital (Music 449) is also required.

Enroll in Music 249 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information.

registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 8.1 — Complete 4 Courses**

*Note: FBI fingerprint and background clearance must be completed prior to enrolling in Music 276.*

MUSIC276 Intro to Music Education - Intro to Music Education 3.0

MUSIC379 Pre-Student Teaching - Pre-Student Teaching 2.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

**Requirement 8.2 — Complete 12 hours**

*Note: All professional education courses (above) and Music 260R and 363 credits must be completed before student teaching (Music 476).*

MUSIC476 Secondary Student Teaching - Secondary Student Teaching - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns must complete three forms in their LiveText accounts (PIBS, CDS, FED) and attach their TWS to the LiveText account for their program. All four must be completed to be cleared for graduation.

**Requirement 13.1 — Complete 2 Courses**

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

*APPENDIX A: See Ensemble Requirement*

*Category 1: Approved Large Ensembles*

MUSIC312R Men's Chorus - Men's Chorus - *You may take four times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take four times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take four times* 1.0

MUSIC315R University Singers - University Singers - *You may take four times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take four times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take four times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take four times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take four times* 1.0

*Category 2: Other Approved Ensembles*

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take four times* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take four times* 1.0

MUSIC332R YA Show Band - YA Show Band - *You may take four times* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take four times* 1.0

MUSIC334R Synthesis - Synthesis - *You may take four times* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take four times* 1.0

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take four times* 1.0

MUSIC344R Musical Theater Accomp - Musical Theater Accomp - *You may take four times* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take four times* 1.0

MUSIC348R Woodwind Chamber Music - Woodwind Chamber M - *You may take four times* 1.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take four times* 1.0

## 484638 - Music Performance: Organ (BM) *

### Program Information

## 484639 - Music Performance: Combined Piano & Organ (BM) *

| Program Title | Degree |
| --- | --- |
| Music Performance: Organ | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 77 | 77 |

**Major Academic Plan**

MAP - BM in Music Performance Organ 2023-2024.pdf

| Title | Learning Outcome |
| --- | --- |
| Performance Preparation | Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire. |

| Title | Learning Outcome |
| --- | --- |
| Performance Practice | Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice. |

| Title | Learning Outcome |
| --- | --- |
| Music Pedagogy | Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses. |

**Free Form Requirements**

**Requirement 1 — Complete 12 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 2 — Complete 1 of 2 Courses**

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

**Requirement 3 — Complete 8 hours**

MUSIC260R Organ - Organ - *You may take up to 8.0 credit hours* 0.5v

## Program Information

| Program Title | Degree |
| --- | --- |
| Music Performance: Combined Piano & Organ | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 77 | 77 |

**Major Academic Plan**

MAP - BM in Music Performance Combined Piano & Organ.pdf

| Title | Learning Outcome |
| --- | --- |
| Performance Preparation | Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire. |

| Title | Learning Outcome |
| --- | --- |
| Performance Practice | Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice. |

| Title | Learning Outcome |
| --- | --- |
| Music Pedagogy | Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses. |

**Free Form Requirements**

**Requirement 1 — Complete 12 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 2 — Complete 1 of 2 Courses**

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

**Requirement 4 — Complete 4 hours**

MUSIC360R Organ - Organ - *You may take up to 4.0 credit hours* 0.5v

**Requirement 5 — Complete 6 hours**

MUSIC460R Organ - Organ - *You may take up to 6.0 credit hours* 1.5v

**Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 1 hour of Category 1: Approved Large Ensembles each semester for four semesters. The Category 2 ensemble Music 344R may substitute for 2 of these 4 hours, but the 2 hours must be in consecutive fall and winter semesters.

**Requirement 7 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 8 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 9 — Complete 7 Courses**

MUSIC166 Organ Registration - Organ Registration 2.0

MUSIC264 Keyboard Fdns 1 - Keyboard Fdns 1 2.0

MUSIC265 Keyboard Fnds 2 - Keyboard Fnds 2 2.0

MUSIC364 Keyboard Pedagogy - Keyboard Pedagogy 2.0

MUSIC366 Organ Pedagogy - Organ Pedagogy 2.0

MUSIC404A Organ Literature - Organ Literature 2.0

MUSIC404B Organ Literature - Organ Literature 2.0

**Requirement 10 — Complete 3 Courses**

MUSIC465A Organ Practicum - Organ Practicum 1.0

MUSIC465B Organ Practicum - Organ Practicum 2.0

MUSIC465C Organ Practicum - Organ Practicum 2.0

**Requirement 11 — Complete 1 hour**

MUSIC470R Keyboard Teaching Practicum - Keyboard Teaching Practicum - *You may take up to 1.0 credit hours* 1.0

**Requirement 12 — Complete 1 of 2 Courses**

MUSIC483 Counterpoint - Counterpoint 3.0

MUSIC583 16th-Century Counterpoint - 16th-Century Counterpoint 3.0

**Requirement 13 — Complete 1 Requirement**

*Recitals:*

Present a juried recital (Music 249) during the sophomore year. A juried senior recital (Music 449) is also required.

**Requirement 3 — Complete 2 Requirements**

Complete 8 hours of each of the following divided between piano and organ:

**Requirement 3.1 — Complete 8 hours**

- Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

**Requirement 3.2 — Complete 8 hours**

MUSIC360R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 1 hour of ensemble each semester for six semesters, including 2 or 4 hours from Category 1: Approved Large Ensembles and 2 or 4 hours of the Category 2 ensemble Music 344R; each 2 hours of 344R must be taken in consecutive fall and winter semesters.

**Requirement 5 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 6 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 7 — Complete 6 Courses**

MUSIC166 Organ Registration - Organ Registration 2.0

MUSIC264 Keyboard Fdns 1 - Keyboard Fdns 1 2.0

MUSIC265 Keyboard Fnds 2 - Keyboard Fnds 2 2.0

MUSIC364 Keyboard Pedagogy - Keyboard Pedagogy 2.0

MUSIC365 Piano Pedagogy - Piano Pedagogy 2.0

MUSIC366 Organ Pedagogy - Organ Pedagogy 2.0

**Requirement 8 — Complete 2 Courses**

MUSIC465A Organ Practicum - Organ Practicum 1.0

MUSIC465B Organ Practicum - Organ Practicum 2.0

**Requirement 9 — Complete 2 hours**

MUSIC470R Keyboard Teaching Practicum - Keyboard Teaching Practicum - *You may take up to 2.0 credit hours* 1.0

**Requirement 10 — Complete 3 of 4 Courses**

MUSIC403A Piano Literature - Piano Literature 2.0

MUSIC403B Piano Literature - Piano Literature 2.0

MUSIC404A Organ Literature - Organ Literature 2.0

MUSIC404B Organ Literature - Organ Literature 2.0

**Requirement 11 — Complete 1 Requirement**

Enroll in 249 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information.

**Requirement 13.1 — Complete 2 Courses**

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

*APPENDIX A: See Ensemble Requirement*

*Category 1: Approved Large Ensembles:*

MUSIC312R Men's Chorus - Men's Chorus - *You may take four times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take four times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take four times* 1.0

MUSIC315R University Singers- University Singers - *You may take four times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take four times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take four times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take four times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take four times* 1.0

*Category 2: Other Approved Ensembles*

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take two times* 1.0

*Recitals:*

Present a juried recital (Music 249) during the sophomore year. A juried senior recital (Music 449) is also required.

Enroll in 249 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information.

**Requirement 11.1 — Complete 2 Courses**

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

*APPENDIX A: See Ensemble Requirement*

*Category 1: Approved Large Ensembles:*

MUSIC312R Men's Chorus - Men's Chorus - *You may take four times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take four times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take four times* 1.0

MUSIC315R University Singers - University Singers - *You may take four times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take four times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take four times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take four times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take four times* 1.0

*Category 2: Other Approved Ensembles*

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take four times* 1.0

## 484647 - Music Performance: Brass (BM) *

### Program Information

| Program Title | Degree |
|---|---|
| Music Performance: Brass | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 75 | 75 |

**Major Academic Plan**

MAP - BM in Music Performance Brass 2023-2024.pdf

**Free Form Requirements**

**Requirement 1 — Complete 14 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

## 484648 - Music Performance: Percussion (BM) *

### Program Information

| Program Title | Degree |
|---|---|
| Music Performance: Percussion | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 75 | 75 |

**Major Academic Plan**

MAP - BM in Music Performance Percussion 2023-2024.pdf

| | Learning Outcome |
|---|---|
| **Title** | |
| Performance Preparation | Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire. |

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 2 — Complete 1 of 2 Courses**

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

**Requirement 3 — Complete 8 hours**

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

**Requirement 4 — Complete 12 hours**

MUSIC460R Performance Instruction - Performance Instruction - *You may take up to 12.0 credit hours* 1.5v

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 1 hour of Category 1: Approved Large Ensembles each semester for eight semesters.

**Requirement 6 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 7 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 8 — Complete 1 Course**

MUSIC368 Brass Pedagogy - Brass Pedagogy 2.0

**Requirement 9 — Complete 2 Requirements**

**Requirement 9.1 — Complete 3 hours**

MUSIC331R Jazz Combos - Jazz Combos - *You may take up to 3.0 credit hours* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Musc - *You may take up to 3.0 credit hours* 1.0

| Title | Learning Outcome |
| --- | --- |
| Performance Practice | Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice. |

| Title | Learning Outcome |
| --- | --- |
| Music Pedagogy | Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses. |

Free Form Requirements

**Requirement 1 — Complete 14 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 2 — Complete 1 of 2 Courses**

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

**Requirement 3 — Complete 8 hours**

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

**Requirement 4 — Complete 12 hours**

MUSIC460R Performance Instruction - Performance Instruction - *You may take up to 12.0 credit hours* 1.5v

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 1 hour of Category 1: Approved Large Ensembles each semester for eight semesters.

**Requirement 9.2 — Complete 1 hour**

MUSIC462R Orchestral Excerpts: Brass - Orchestral Excerpts: Brass - *You may take up to 1.0 credit hours* 1.0

**Requirement 10 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 5 hours of music electives (Music 407 is recommended). See faculty advisor.

**Requirement 11 — Complete 1 Requirement**

*Recitals:*

Present a juried recital (Music 349) during the junior year. A juried senior recital (Music 449) is also required.

Enroll in 349 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

**Requirement 11.1 — Complete 2 Courses**

MUSIC349 Junior Recital - Junior Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

*APPENDIX A: See Ensemble Requirement*

*Category 1: Approved Large Ensembles:*

MUSIC325R Symphonic Band - Symphonic Band - *You may take eight times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take eight times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take eight times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take eight times* 1.0

**Requirement 6 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 7 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 8 — Complete 2 Courses**

MUSIC273A Percussion Techniques - Percussion Techniques 0.5

MUSIC273B Percussion Techniques - Percussion Techniques 0.5

**Requirement 9 — Complete 5 hours**

MUSIC323R Marching Band - Marching Band - *You may take up to 5.0 credit hours* 1.0

MUSIC327R Percussion Chamber Music - Percussion Chamber Music - *You may take once* 1.0

MUSIC330R Steel Band - Steel Band - *You may take up to 5.0 credit hours* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take up to 5.0 credit hours* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take up to 5.0 credit hours* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take up to 5.0 credit hours* 1.0

**Requirement 10 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 5 hours of music electives. See faculty advisor.

**Requirement 11 — Complete 1 Requirement**

*Recitals:*

Present a juried recital (Music 349) during the junior year. A juried senior recital (Music 449) is also required.

Enroll in Music 349 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

**Requirement 11.1 — Complete 2 Courses**

MUSIC349 Junior Recital - Junior Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449R before applying for graduation.

*APPENDIX A: See Ensemble Requirement*

*Category 1: Approved Large Ensembles:*

MUSIC325R Symphonic Band - Symphonic Band - *You may take eight times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take eight times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take eight times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take eight times* 1.0

## 484649 - Music Performance: String (BM) *

### Program Information

| Program Title | Degree |
|---|---|
| Music Performance: String | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 75 | 75 |

**Major Academic Plan**

MAP - BM in Music Performance String 2023-2024.pdf

| | Learning Outcome |
|---|---|
| **Title** | |
| Performance Preparation | Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire. |

| | Learning Outcome |
|---|---|
| **Title** | |
| Performance Practice | Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice. |

| | Learning Outcome |
|---|---|
| **Title** | |
| Music Pedagogy | Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses. |

**Free Form Requirements**

**Requirement 1 — Complete 14 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

## 484650 - Music Performance: Woodwind (BM) *

### Program Information

| Program Title | Degree |
|---|---|
| Music Performance: Woodwind | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 75 | 75 |

**Major Academic Plan**

MAP - BM in Music Performance Woodwind 2023-2024.pdf

| | Learning Outcome |
|---|---|
| **Title** | |
| Performance Preparation | Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire. |

| | Learning Outcome |
|---|---|
| **Title** | |
| Performance Practice | Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice. |

| | Learning Outcome |
|---|---|
| **Title** | |
| Music Pedagogy | Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses. |

**Free Form Requirements**

**Requirement 1 — Complete 14 Courses**

*Lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 2 — Complete 1 of 2 Options**

**Option 2.1 — Complete 1 Course**

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

**Option 2.2 — Complete 1 of 2 Courses**

*Harpists only.*

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

**Requirement 3 — Complete 8 hours**

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 2.0v

**Requirement 4 — Complete 12 hours**

MUSIC460R Performance Instruction - Performance Instruction - *You may take up to 12.0 credit hours* 3.0v

**Requirement 5 — Complete 1 Requirement**

*Complete 1 hour of Category 1 Approved Large Ensembles (listed below) each semester for eight semesters (determined by the student's major instrumental teacher -- not by the student).*

**Option 5.1 — Complete 8 hours**

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take 8 times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take 8 times* 1.0

**Option 5.2 — Obtain confirmation from your advisement center that you have completed the following:**

Guitarists complete four hours of Guitar Ensemble (Music 343R) and four semesters of Category 1: Approved Large Ensembles.

Harpists complete eight semesters of Approved Ensembles for Harpists.

**Requirement 6 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 7 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 2 — Complete 1 of 2 Courses**

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

**Requirement 3 — Complete 8 hours**

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

**Requirement 4 — Complete 12 hours**

MUSIC460R Performance Instruction - Performance Instruction - *You may take up to 12.0 credit hours* 1.5v

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 1 hour of Category 1: Approved Large Ensembles each semester for eight semesters.

**Requirement 6 — Complete 4 Courses**

*Upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 7 — Complete 1 of 2 Courses**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 8 — Complete 1 Course**

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

**Requirement 9 — Complete 1 Requirement**

**Requirement 9.1 — Complete 4 hours**

MUSIC331R Jazz Combos - Jazz Combos - *You may take up to 4.0 credit hours 1.0*

MUSIC348R Woodwind Chamber Music - Woodwind Chamber M - *You may take up to 4.0 credit hours 1.0*

Note: 331R is for Saxophones only.

**Requirement 10 — Obtain confirmation from your advisement center that you have completed the following:**

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

**Requirement 8 — Complete 1 Requirement**

Complete part A, B, C, D, or E, depending on your instrument.

**Requirement 8.1 — Complete 1 of 5 Courses**

MUSIC369A String Pedagogy: Violin/Viola - String Pedagogy: Violin and Viola 2.0

MUSIC369B String Pedagogy: Bass - String Pedagogy: Bass 2.0

MUSIC369C String Pedagogy: Cello - String Pedagogy: Cello 2.0

MUSIC369D String Pedagogy: Harp - String Pedagogy: Harp 2.0

MUSIC369E String Pedagogy: Guitar - String Pedagogy: Guitar 2.0

**Requirement 9 — Complete 2 Courses**

*Harpists should register for the sections designated for harp.*

MUSIC406 String Literature - String Literature 2.0

MUSIC467 String Teaching Practicum - String Teaching Practicum 1.0

**Requirement 10 — Complete 1 of 2 Options**

**Option 10.1 — Complete 4 hours**

MUSIC331R Jazz Combos - Jazz Combos - *You may take up to 4.0 credit hours* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take up to 4.0 credit hours* 1.0

**Option 10.2 — Complete 2 Requirements**

*Harpists:*

**Group 10.2.1 — Complete 3 Courses**

MUSIC123 Harp Prep for Large Ensemble - Harp Prep for Large Ensemble 1.0 - *Requirement: student must be concurrently enrolled in an approved large ensemble*

MUSIC340R Harp Ensemble - Harp Ensemble - *You may take once* - audition-only section 1.0

MUSIC462R Orchestral Excerpts: Violin - Orchestral Excerpts: Brass - *You may take once* 1.0

**Group 10.2.2 — Complete 1 hour**

MUSIC346R String Chamber Music - String Chamber Music - *You may take once* 1.0

MUSIC348R Woodwind Chamber Music - Woodwind Chamber M - *You may take once* 1.0

**Requirement 11 — Complete 1 Option**

**Option 11.1 — Complete 2 hours**

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take up to 2.0 credit hours* 1.0

MUSIC462R Orchstrl Excerpts: Harp - Orchestral Excerpts: Harp - *You may take up to 2.0 credit hours* 1.0

**Option 11.2 — Obtain confirmation from your advisement center**

Complete 5 hours of music electives. See faculty advisor.

**Requirement 11 — Complete 1 Requirement**

*Recitals:*

Present a juried recital (Music 349) during the junior year. A juried senior recital (Music 449) is also required.

Enroll in Music 349 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

**Requirement 11.1 — Complete 2 Courses**

MUSIC349 Junior Recital - Junior Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

*APPENDIX A: See Ensemble Requirement*

*Category 1: Approved Large Ensembles:*

MUSIC325R Symphonic Band - Symphonic Band - *You may take eight times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take eight times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take eight times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take eight times* 1.0

**that you have completed the following:**

Guitarists should complete two hours of music electives.

**Option 11.3 — Complete 2 Courses**

*Harpists:*

MUSIC223 Jazz Harp Techniques - Jazz Harp Techniques 1.0

MUSIC423 Harp Arranging and Trans. - Harp Arranging and Trans. 1.0

**Requirement 12 — Complete 2 Requirements**

*Recitals:*

With performance instructor's advisement and consent, present a juried recital (Music 249 or 349) during the sophomore or junior year. A juried senior recital (Music 449) is also required of all students.

Enroll in Music 249 or 349 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

**Requirement 12.1 — Complete 1 of 2 Courses**

*Harpists must choose MUSIC 249.*

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

MUSIC349 Junior Recital- Junior Recital 0.0

**Requirement 12.2 — Complete 1 Course**

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

**Recommended Courses are not required to complete the program**

*Harpists only.*

MUSIC331R Jazz Combos - Jazz Combos - *You may take once* 1.0

## 484657 - Commercial Music (BM) *

### Program Information

| Program Title | Degree |
|---|---|
| Commercial Music | BM |
| **Variable Credit Min** | **Variable Credit Max** |
| 75 | 76 |

**Major Academic Plan**

MAP - BM in Commercial Music 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| | Students will demonstrate a working knowledge of the specific music and sound creation recording and production technologies used in today's music productions. Students need to become familiar enough with the technology that it goes from something unknown to a valuable tool in their creative |

## 485903 - Media Arts Studies (Minor) *

### Program Information

| Program Title | Degree |
|---|---|
| Media Arts Studies | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 21 | 21 |

**Free Form Requirements**

**Requirement 1 — Complete 1 Requirement**

Complete the following with a B grade or better:

**Requirement 1.1 — Complete 2 Courses**

TMA102 Introduction to Film - Introduction to Film 3.0

TMA187 Production Mgt: Beginning - Production Mgt: Beginning 3.0

*Be admitted to the minor program by application (see department office, D-581 HFAC).*

**Requirement 2 — Complete 1 Requirement**

Upon acceptance into the minor program, complete the following:

| | |
|---|---|
| Technology | process and production. |

| | |
|---|---|
| Title<br>Production and Performance | Learning Outcome<br>Demonstrate the ability to identify and create the different components of the music production and performance process as it relates to a given music production or performance idiom. |

| | |
|---|---|
| Title<br>Application | Learning Outcome<br>Demonstrate the ability to apply various production performance and business skills necessary to create commercially viable music projects from conception to completion. |

Free Form Requirements

**Requirement 1 — Complete 14 Courses**

*Complete the following lower-division music core courses:*

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

**Requirement 2 — Complete 1 of 2 Courses**

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

**Requirement 3 — Complete 1 of 2 Options**

**Option 3.1 — Complete 8 hours**

*Instrumentalists and Contemporary Vocalists:*

MUSIC260R Performance Instruction - Performance Instruction - *You may take 6 times* 0.5v

**Requirement 2.1 — Complete 3 Courses**

TMA105 Using Basic Media Tools - Using Basic Media Tools 1.0

TMA114 Reading&Cnstrctng Narratives - Reading&Cnstrctng Narratives 3.0

TMA185 Basic Media Production - Basic Media Production 3.0

**Requirement 3 — Complete 1 of 3 Courses**

TMA291 Media Arts History 1 - Media Arts History 1 3.0

TMA292 Media Arts History 2 - Media Arts History 2 3.0

TMA293 Hist of Documntry&Nonfic Film - Hist of Documntry&Nonfic Film 3.0

**Requirement 4 — Complete 3 hours**

*Advanced critical studies courses:*

TMA458 Media Literacy Education - Media Literacy Education 3.0

TMA477R Issues in Media Arts - Issues in Media Arts - *You may take once* 3.0

TMA492R Media Arts Genres - Media Arts Genres - *You may take once* 3.0

TMA494 Transcendence: Religion & Film - Transcendence: Religion & Film 3.0

TMA497 Media as a Mirror of Our Times - Media as a Mirror of Our Times 3.0

TMA498R Spec Topics in Media Arts - Spec Topics in Media Arts - *You may take once* 3.0

**Requirement 5 — Complete 1 Requirement**

*Electives:*

**Requirement 5.1 — Complete 2 hours**

TMA 274 - Nonfiction Production 1 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

TMA277 New Media Conceptualization - New Media Conceptualization 3.0

TMA293 Hist of Documntry&Nonfic Film - Hist of Documntry&Nonfic Film 3.0

10405-001 - Missing course - Contemporary Screens 3.0

TMA303R Internatnl St Film & Culture - Internatnl St Film & Culture - *You may take once* 3.0

TMA370R Practicum: Television - Practicum: Television - *You may take once* 1.0v

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills - *You may take 2 times* 1.0v

TMA387 Production Mgt: Advanced - Production Mgt: Advanced 3.0

TMA391 Intro to Media Arts Theory - Intro to Media Arts Theory 3.0

TMA392 Children's Media - Children's Media 3.0

TMA458 Media Literacy Education - Media Literacy Education 3.0

**Option 3.2 — Complete 8 hours**

*Classical Vocalists: (Note: Concurrent registration in Music 260R: Classical Voice and Music 262R: Diction Lab is required.)*

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1 - Diction Lab 1 - *You may take up to 2.0 credit hours* 0.5

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

Complete one hour of ensemble each semester for four semesters, including 2-3 hours from Category 1: Approved Large Ensembles and 1-2 hours from Category 2 ensembles.

**Requirement 5 — Complete 5 Courses**

*Complete the following upper-division music core courses:*

MUSIC301 Music History: Overview - Survey of Music Literature 1 2.0

MUSIC302 Music History: Baroque - Survey of Music Literature 2 2.0

MUSIC303 Music History: Classic - Survey of Music Literature 3 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

MUSIC395 Form and Analysis - Form and Analysis 3.0

**Requirement 6 — Complete 1 Option**

**Option 6.1 — Complete 3 Groups**

*Production track.*

**Group 6.1.1 — Complete 6 Courses**

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC252 Music Technology 2 - Music Technology 2 2.0

MUSIC256 Recording Studio 1 - Recording Studio 1 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC389 Projects in Commercial Music - Projects in Commercial Music 2.0

**Group 6.1.2 — Complete 2 hours**

MUSIC399R Academic Internship - Academic Internship - *You may take up to 2.0 credit hours* 6.0v

**Group 6.1.3 — Complete 14 hours**

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MUSIC187R Composition - Composition - *You may take up to one credit hour* 1.0

MUSIC257 Recording Studio 2 - Recording Studio 2 2.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC307 World Music - World Music 2.0

TMA477R Issues in Media Arts - Issues in Media Arts - *You may take once* 3.0

TMA492R Media Arts Genres - Media Arts Genres - *You may take once* 3.0

TMA494 Transcendence: Religion & Film - Transcendence: Religion & Film 3.0

TMA497 Media as a Mirror of Our Times - Media as a Mirror of Our Times 3.0

TMA498R Spec Topics in Media Arts - Spec Topics in Media Arts - *You may take once* 3.0

Note: Courses without an R in the course number may not be used to fulfill this requirement if taken to fill requirements in item 3 or 4 above.

MUSIC307 World Music - World Music 2.0

MUSIC351 Audio Applications 1 - Audio Applications 1 2.0

MUSIC352 Audio Applications 2 - Audio Applications 2 2.0

MUSIC355 Recording Workshop - Recording Workshop - *You may take up to one credit hour* 1.0

MUSIC384 Jazz Improv 2 - Jazz Improv 2 2.0

MUSIC386 Songwriting 2 - Songwriting 2 - *You may take once* 2.0

MUSIC390R Music Production Seminar - Music Production Seminar - *You may take once* 1.0

MUSIC391 Jazz Keyboard - Jazz Keyboard 2.0

MUSIC394 Jazz Styles & Analysis - Jazz Styles & Analysis 3.0

MUSIC468 Jazz Pedagogy - Jazz Pedagogy 1.0

MUSIC481 Orchestration 1 - Orchestration 1 3.0

MUSIC482 Choral Arranging - Choral Arranging 1.0

MUSIC483 Counterpoint - Counterpoint 3.0

MUSIC484 Media Orchestration - Media Orchestration 3.0

MUSIC485 Jazz Arranging - Jazz Arranging 3.0

MUSIC489 Film Scoring - Film Scoring 2.0

MUSIC495R Commercial Music Special Proj - Commercial Music Special Proj - *You may take up to 1.0 credit hours* 0.5v - 2.0v

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

TMA102 Introduction to Film - Introduction to Film 3.0

TMA365 Sound Design - Sound Design 3.0

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills - *Post Audio Production - You may take up to 2 credit hours* 6.0v

TMA265 Sound Reinforcement - Sound Reinforcement 2.0

Note 1: Two credit hours of this requirement group may be satisfied by approved Category 1 and Category 2 ensembles for this degree.

Note 2: Courses used to fulfill Requirement Group 6.1.3 may not be used to fulfill other requirements.

**Option 6.2 — Complete 5 Groups**

*Performance track.*

**Group 6.2.1 — Complete 5 Courses**

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC256 Recording Studio 1 - Recording Studio 1 2.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

**Group 6.2.2 — Complete 4 hours**

MUSIC360R Performance Instruction - Trumpet - *You may take once* 0.5v

**Group 6.2.3 — Deficient — Obtain confirmation from your**

**advisement center that you have completed the following:**

In addition to the hours completed in Requirement 4 above, complete 2.0 hours from Category 1: Approved Large Ensembles or Category 2: Other Approved Ensembles.

**Group 6.2.4 — Complete 1 hour**

MUSIC495R Commercial Music Special Proj - Commercial Music Special Proj - *You may take once* 0.5v - 2.0v

**Group 6.2.5 — Complete 11 hours**

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

MUSIC187R Composition - Composition - *You may take up to 1 credit hour* 1.0

MUSIC252 Music Technology 2 - Music Technology 2 2.0

MUSIC257 Recording Studio 2 - Recording Studio 2 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC307 World Music - World Music 2.0

MUSIC384 Jazz Improv 2 - Jazz Improv 2 2.0

MUSIC386 Songwriting 2 - Songwriting 2 - *You may take once* 2.0

MUSIC391 Jazz Keyboard - Jazz Keyboard 2.0

MUSIC394 Jazz Styles & Analysis - Jazz Styles & Analysis 3.0

MUSIC468 Jazz Pedagogy - Jazz Pedagogy 1.0

MUSIC481 Orchestration 1 - Orchestration 3.0

MUSIC482 Choral Arranging - Choral Arranging 1.0

MUSIC485 Jazz Arranging - Jazz Arranging 3.0

Note 1: Two credit hours of this requirement group may be satisfied by approved Category 1 and Category 2 ensembles for this degree.

Note 2: Courses used to fulfill Requirement Group 6.2.5 may not be used to fulfill other requirements.

**Requirement 7 — Complete 1 Course**

*Complete a capstone project (Music 486) or present a juried recital (Music 349). Final requirement is decided in consultation with faculty advisor.*

MUSIC349 Junior Recital - Junior Recital 0.0

MUSIC486 Commercial Music Capstone Proj - Commercial Music Capstone Proj 1.0

*Recital: Enroll in Music 349 (0.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information.*

*APPENDIX A: See Ensemble Requirement*

*Category 1: Approved Large Ensembles*

MUSIC312R Men's Chorus - Men's Chorus - *You may take three times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take three times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take three times*

1.0

MUSIC315R University Singers - University Singers - *You may take three times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take three times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take three times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take three times* 1.0

*Category 2: Other Approved Ensembles*

MUSIC316R Opera Workshop - Opera Workshop - *You may take two times* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take two times* 0.5v

04018-012 - Missing course - Music Theatre Ensemble - *You may take two times* 1.0

MUSIC323R Marching Band- Marching Band - *You may take two times* 1.0

MUSIC330R Steel Band - Steel Band - *You may take two times* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take two times* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take two times* 1.0

MUSIC334R Synthesis - Synthesis - *You may take two times* 1.0

MUSIC335R Jazz Legacy Band- Jazz Legacy Band - *You may take two times* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take two times* 1.0

MUSIC339R Chamber Orchestra - Chamber Orchestra - *You may take two times* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Musc - *You may take two times* 1.0

08918-000 - Missing course - Early Music Ensemble - *You may take two times* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take two times* 1.0

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take two times* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take two times* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take two times* 1.0

MUSIC348R Woodwind Ensemble - Woodwind Chamber M - *You may take two times* 1.0

MUSIC441R New Music Ensemble- New Music Ensemble - *You may take two times* 1.0

*Students who play guitar or piano as their principal instrument may also count participation in Music 333R: Jazz Ensemble or Music 334R: Synthesis toward their Category 1 Ensemble requirement.*

## 485905 - Theatre Arts Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Theatre Arts Studies | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 23 | 23 |

**Major Academic Plan**

MAP - Minor in Theatre Arts Studies 11.16.22.pdf

| Title | Learning Outcome |
|---|---|
| Critical Engagement | Students will demonstrate a comprehension of the processes history and theory of performance. |
| Technical Training | Students will implement analytical conceptual and technical skills in a variety of performance practices. |
| Performance Practice | Students will show proficiency in an aspect of performance practice: ie acting critical writing design andtechnology devising directing dramaturgy and/or playwriting. |

**Free Form Requirements**

*Theatre Arts Studies is an open enrollment program. Students must take TMA 111 Performance Matters where students will be introduced to the Theatre Arts Studies major or minor, explore career options, meet with their faculty mentor, and develop their graduation plan.*

**Requirement 1 — Complete 2 Requirements**

*Core courses: TMA 111 recommended not required*

**Requirement 1.1 — Complete 5 Courses**

*Note: TMA 115 may fulfill part of university core requirements.*

TMA111 Performance Matters - Performance Matters 1.0

TMA115 Intro to Performance Studies - Intro to Performance Studies 3.0

TMA140 Script Analysis - Script Analysis 2.0

09470-000 - Missing course - Theatre Production 1 1.0

TMA240 Playmaking - Playmaking 3.0

TMA395 Dramatic Literature 1 - Dramatic Literature 3.0

**Requirement 1.2 — Complete 1 hour**

TMA260R Theatre Production - Theatre Production 2 - *You may take once* 1.0v

**Requirement 2 — Complete 9 hours**

## 485932 - Media Arts Studies (BA) *

### Program Information

| Program Title | Degree |
|---|---|
| Media Arts Studies | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 51 | 51 |

**Major Academic Plan**

MAP - BA in Media Arts Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Media Arts History, Concepts, and Processes | Students will demonstrate a comprehension of core concepts, processes, history and criticism of fiction, non-fiction and new media forms. |
| Ethics, Collaboration and Spirituality | Students will demonstrate personal ethics, collaborative skills, and spiritual sensitivities relevant to media arts. |
| Skill Development | Students will demonstrate analytical, conceptual and technical skills in a variety of media. |
| Development of a Personal Creative Voice | Students will integrate knowledge of media arts history, concepts and processes into a personal approach to media analysis and creation. |
| Career Development | Students will practice a variety of activities that prepare them for graduate studies teaching opportunities professional production or other media related work. |

**Free Form Requirements**

**Requirement 1 — Complete 2 Courses**

*Pre-Media Arts course: (Students must receive a grade of B or higher in TMA 102 and 187 to fill this requirement.)*

TMA102 Introduction to Film - Introduction to Film 3.0

TMA187 Production Mgt: Beginning - Production Mgt: Beginning 3.0

**Requirement 2 —Complete 3 Courses**

*Foundation courses:*

**Requirement 2 —Complete 9 hours**

*Electives (consult with your advisor):*

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA127 Beginning Stage Combat - Beginning Stage Combat 1.0

TMA220R Workshop 1: Acting - Workshop 1: Acting - *You may take once* 0.5v

TMA251 Playwriting 1 - Playwriting 1 3.0

TMA252 Puppetry - Puppetry 2.0

TMA256 Stage Management 1 - Stage Management 1 2.0

TMA257 Storytelling - Storytelling 2.0

TMA259 Princ of Design for Stg - Princ of Design for Stg & Scrn 3.0

TMA260R Theatre Production - Theatre Production 2 - *You may take once* 1.0v

TMA266 Principles of Stage Craft - Principles of Stage Craft 2.0

TMA267 Principles of Makeup - Principles of Makeup 2.0

11551-002 - Missing course - Contemp Performance Practices 2.0

TMA302 British Theatre Performance - British Theatre Performance 3.0

TMA321 Voice Over - Voice Over 2.0

TMA336 Stage Directing 1: Princ&Prac - Directing Principles & Practices 3.0

TMA351 Playwriting 2 - Playwriting 2 3.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

TMA362 Costume Design - Costume Design 3.0

TMA363 Scenic Design - Scenic Design 3.0

TMA364 Lighting Design - Lighting Design 3.0

TMA365 Sound Design - Sound Design 3.0

TMA367 Makeup Design - Makeup Design 3.0

TMA369R Design & Tech: Asst Stage Mgrs - Design & Tech: Asst Stage Mgrs - *You may take once* 1.0v

TMA369R Design Practicum - Design Practicum - *You may take once* 0.5v

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA380 Production Dramaturgy - Dramaturgy 1 3.0

TMA420R Performance Workshop 2 - Performance Workshop 2 - *You may take once* 0.5v

TMA443R WDA Workshop - WDA Workshop - *You may take once* 3.0

TMA451R Playwriting 3 - Playwriting 3 - *You may take once* 3.0

TMA489R Production Leads - Production Leads - *You may take once* 0.5v

*Foundation courses:*

TMA105 Using Basic Media Tools - Using Basic Media Tools 1.0

TMA114 Reading&Cnstrctng Narratives - Reading&Cnstrctng Narratives 3.0

TMA185 Basic Media Production - Basic Media Production 3.0

**Requirement 3 —Complete 5 Courses**

*Media arts core courses:*

TMA291 Media Arts History 1 - Media Arts History 1 3.0

TMA292 Media Arts History 2 - Media Arts History 2 3.0

TMA293 Hist of Documntry&Nonfic Film - Hist of Documntry&Nonfic Film 3.0

10405-001 - Missing course - Contemporary Screens 3.0

TMA391 Intro to Media Arts Theory - Intro to Media Arts Theory 3.0

**Requirement 4 —Complete 1 of 6 Courses**

*Advanced critical studies courses:*

TMA458 Media Literacy Education - Media Literacy Education 3.0

TMA477R Issues in Media Arts - Issues in Media Arts - *You may take once* 3.0

TMA492R Media Arts Genres - Media Arts Genres - *You may take once* 3.0

TMA494 Transcendence: Religion & Film - Transcendence: Religion & Film 3.0

TMA497 Media as a Mirror of Our Times - Media as a Mirror of Our Times 3.0

TMA498R Spec Topics in Media Arts - Spec Topics in Media Arts - *You may take once* 3.0

**Requirement 5 —Complete 14 hours**

TMA302 British Theatre Performance - British Theatre Performance 3.0

TMA303R Internatnl St Film & Culture - Internatnl St Film & Culture - *You may take once* 3.0

TMA315R Special Projects 2: Media - Special Projects 2: Media - *You may take once* 0.5v

TMA315R Special Projects 2 - Special Projects 2 - *You may take once* 0.5v

TMA316 TMA Instruction - TMA Instruction 1.0v

TMA316 TMA Instruction: Media - TMA Instruction: Media 2.0

TMA318 Approaches to Screen Directing - Approaches. to Directing 3.0

TMA321 Voice Over - Voice Over 2.0

TMA326R Divine Comedy - Divine Comedy - *You may take once* 0.5v

TMA341R Screenwriting 2 - Screenwriting 2 - *You may take once* 3.0

TMA342 Screenwriting 2: Writers Room - Screenwriting 2: Writers Room 3.0

TMA360R Theatre Prod 3: Costume/Makeup - Theatre Prod 3: Costume/Makeup - *You may take once* 0.5v

TMA360R Theatre Prod 3: Scenery/Props - Theatre Prod 3: Scenery/Props - *You may take once* 0.5v

Scenery/Props - *You may take once* 0.5v

TMA360R Theatre Prod 3: Lights/Sound - Theatre Prod 3: Lights/Sound - *You may take once* 0.5v

TMA362 Costume Design - Costume Design 3.0

TMA363 Scenic Design - Scenic Design 3.0

TMA364 Lighting Design - Lighting Design 3.0

TMA365 Sound Design - Sound Design 3.0

TMA366R Production Topics - Production Topics - *You may take once* 1.0v

TMA367 Makeup Design - Makeup Design 3.0

TMA368 Scenic Art - Scenic Art 2.0

TMA369R Design Practicum - Design Practicum - *You may take once* 0.5v

TMA372R Media Collaboration - Media Collaboration - *You may take up to 8.0 credit hours* 0.5v

TMA378R New Media Produce & Direct - New Media Produce & Direct - *You may take once* 3.0

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills - *You may take up to 8.0 credit hours* 1.0v

TMA388R Media Arts Crew - Media Arts Crew - *You may take once* 0.5v

TMA392 Children's Media - Children's Media 3.0

TMA394 Interm. Nonfiction Production - Interm. Nonfiction Production 3.0

TMA399R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA399R Academic Internship: Media - Academic Internship: Media - *You may take once* 0.5v

TMA416R Teaching Assistant Credit - Teaching Assistant Credit - *You may take once* 1.0v

TMA416R Teaching Assist Credit: Media - Teaching Assist Credit: Media - *You may take once* 1.0v

TMA418 Adv. Visual Storytelling - Adv. Visual Storytelling 4.0

TMA441R Screenwriting 3 - Screenwriting 3 - *You may take once* 3.0

TMA457 Media in Contemporary Clssrm - Media in Contemporary Clssrm 3.0

TMA458 Media Literacy Education - Media Literacy Education 3.0

TMA462 History of Costume - History of Costume 3.0

TMA463 Production Design - Production Design 2.0

TMA265 Sound Reinforcement - Sound Reinforcement 2.0

TMA467R Makeup for Media - Makeup for Media - *You may take once* 0.5v

TMA473R AdvFilmProd-Fict:Prepro. - Capstone - Fiction - *You may take once* 0.5v

TMA474R AdvFilmProd-NonFict:Post - Capstone - Non-Fiction - *You may take once* 0.5v

TMA475R AdvFilmProd-Fict:Prod. & Post - Media Arts Capstone - *You*

*may take once* 0.5v

TMA477R Issues in Media Arts - Issues in Media Arts - *You may take once* 3.0

TMA479R Adv Design: Sound - Adv Design: Sound - *You may take once* 0.5v

TMA479R Adv Design: Makeup - Adv Design: Makeup - *You may take once* 0.5v

TMA479R Adv Design: Lighting - Adv Design: Lighting - *You may take once* 0.5v

TMA479R Adv Design: Costumes - Adv Design: Costumes - *You may take once* 0.5v

TMA479R Advanced Design - Advanced Design - *You may take once* 0.5v

TMA479R Adv Design: Scenic - Adv Design: Scenic - *You may take once* 0.5v

TMA489R Production Leads - Production Leads - *You may take once* 0.5v

TMA492R Media Arts Genres - Media Arts Genres - *You may take once* 3.0

TMA494 Transcendence: Religion & Film - Transcendence: Religion & Film 3.0

TMA496R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA496R Academic Internship: Media - Academic Internship: Media - *You may take once* 0.5v

TMA497 Media as a Mirror of Our Times - Media as a Mirror of Our Times 3.0

TMA498R Spec Topics in Media Arts - Spec Topics in Media Arts - *You may take once* 3.0

TMA515R Special Projects 3 - Special Projects 3 - *You may take once* 1.0v

TMA515R Special Projects 3: Media - Special Projects 3: Media - *You may take once* 1.0v

TMA599R Academic Internship - Academic Internship - *You may take once* 1.0v

TMA599R Academic Internship: Media - Academic Internship: Media - *You may take once* 1.0v

**Requirement 6 —Complete 6 hours**

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA199R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA199R Academic Internship: Media - Academic Internship: Media - *You may take once* 0.5v

TMA215R Special Projects 1 - Special Projects 1 - *You may take once* 0.5v

TMA215R Special Projects 1: Media - Special Projects 1: Media - *You may take once* 0.5v

TMA224 Acting for Film & TV - Acting for Film & TV 3.0

TMA241 Screenwriting 1 - Screenwriting 1 3.0

TMA259 Princ of Design for Stg - Princ of Design for Stg & Scrn 3.0

TMA259 Princ of Design for Stg - Princ of Design for Stg & Scrn 3.0

TMA260R Theatre Production - Theatre Production 2 - *You may take once* 1.0v

07892-008 - Missing course - Theatre Prod 2: Costumes - *You may take once* 0.5v

07892-011 - Missing course - Theatre Prd 2: Scene Shop - *You may take once* 0.5v

07892-009 - Missing course - Theatre Prd 2: Makup/Prop/Ligh - *You may take once* 0.5v

07892-010 - Missing course - Theatre Prd 2: Theatre Educ - *You may take once* 0.5v

TMA267 Principles of Makeup - Principles of Makeup 2.0

TMA273 Beg. Non-Fiction and New Media - Beg. Non-Fiction and New Media 3.0

TMA277 New Media Conceptualization - New Media Conceptualization 3.0

TMA294 History of Animation - History of Animation 3.0

TMA299R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA299R Academic Internship: Media - Academic Internship: Media - *You may take once* 0.5v

TMA315R Special Projects 2: Theatre - Special Projects 2: Theatre - *You may take once* 0.5v

TMA315R Special Projects 2: Media - Special Projects 2: Media - *You may take once* 0.5v

TMA316 TMA Instruction - TMA Instruction 1.0v

TMA316 TMA Instruction: Media - TMA Instruction: Media 2.0

TMA318 Approaches to Screen Directing - Approaches. to Directing 3.0

TMA321 Voice Over - Voice Over 2.0

TMA326R Divine Comedy - Divine Comedy - *You may take once* 0.5v

TMA341R Screenwriting 2 - Screenwriting 2 - *You may take once* 3.0

TMA342 Screenwriting 2: Writers Room - Screenwriting 2: Writers Room - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

TMA360R Theatre Prod 3: Costume/Makeup - Theatre Prod 3: Costume/Makeup - *You may take once* 0.5v

TMA360R Theatre Prod 3: Scenery/Props - Theatre Prod 3: Scenery/Props - *You may take once* 0.5v

TMA360R Theatre Prod 3: Lights/Sound - Theatre Prod 3: Lights/Sound - *You may take once* 0.5v

TMA362 Costume Design - Costume Design 3.0

TMA363 Scenic Design - Scenic Design 3.0

TMA364 Lighting Design - Lighting Design 3.0

TMA365 Sound Design - Sound Design 3.0

TMA366R Production Topics - Production Topics - *You may take once* 1.0v

TMA367 Makeup Design - Makeup Design 3.0

TMA368 Scenic Art - Scenic Art 2.0

TMA369R Design Practicum - Design Practicum - *You may take once* 0.5v

TMA372R Media Collaboration - Media Collaboration - *You may take up to 8.0 credit hours* 0.5v

TMA388R Media Arts Crew - Media Arts Crew - *You may take once* 0.5v

TMA392 Children's Media - Children's Media 3.0

TMA394 Interm. Nonfiction Production - Interm. Nonfiction Production 3.0

TMA399R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA399R Academic Internship: Media - Academic Internship: Media - *You may take once* 0.5v

TMA416R Teaching Assistant Credit - Teaching Assistant Credit - *You may take once* 1.0v

TMA416R Teaching Assist Credit: Media - Teaching Assist Credit: Media - *You may take once* 1.0v

TMA418 Adv. Visual Storytelling - Adv. Visual Storytelling 4.0

TMA441R Screenwriting 3 - Screenwriting 3 - *You may take once* 3.0

TMA457 Media in Contemporary Clssrm - Media in Contemporary Clssrm 3.0

TMA458 Media Literacy Education - Media Literacy Education 3.0

TMA462 History of Costume - History of Costume 3.0

TMA463 Production Design - Production Design 2.0

TMA265 Sound Reinforcement - Sound Reinforcement 2.0

TMA467R Makeup for Media - Makeup for Media - *You may take once* 0.5v

TMA473R AdvFilmProd-Fict:Prepro. - Capstone - Fiction - *You may take once* 0.5v

TMA474R AdvFilmProd-NonFict:Post - Capstone - Non-Fiction - *You may take once* 0.5v

TMA475R AdvFilmProd-Fict:Prod. & Post - Media Arts Capstone - *You may take once* 0.5v

TMA477R Issues in Media Arts - Issues in Media Arts - *You may take once* 3.0

TMA479R Adv Design: Sound - Adv Design: Sound - *You may take once* 0.5v

TMA479R Adv Design: Makeup - Adv Design: Makeup - *You may take once* 0.5v

TMA479R Adv Design: Lighting - Adv Design: Lighting - *You may take once* 0.5v

TMA479R Adv Design: Costumes - Adv Design: Costumes - *You may take once* 0.5v

TMA479R Advanced Design - Advanced Design - *You may take once* 0.5v

TMA479R Adv Design: Scenic - Adv Design: Scenic - *You may take once*

TMA479R Adv Design: Scenic - Adv Design: Scenic - *You may take once* 0.5v

TMA489R Production Leads - Production Leads - *You may take once* 0.5v

TMA492R Media Arts Genres - Media Arts Genres - *You may take once* 3.0

TMA494 Transcendence: Religion & Film - Transcendence: Religion & Film 3.0

TMA496R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA496R Academic Internship: Media - Academic Internship: Media - *You may take once* 0.5v

TMA497 Media as a Mirror of Our Times - Media as a Mirror of Our Times 3.0

TMA498R Spec Topics in Media Arts - Spec Topics in Media Arts - *You may take once* 3.0

*Note: Students are strongly encouraged to work with their mentor to identify a group of related courses (or minors) in other departments which will provide skills and post-graduate preparation.*

## 485934 - Theatre Arts Studies (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Theatre Arts Studies | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 56 | 57 |

**Major Academic Plan**

MAP-BA in Theatre Arts Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Critical Engagement | Students will demonstrate a comprehension of the processes history and theory of performance. |
| Technical Training | Students will implement analytical conceptual and technical skills in a variety of performance practices. |
| Performance Practice | Students will show proficiency in an aspect of performance practice: ie acting critical writing design andtechnology devising directing dramaturgy and/or playwriting. |

**Free Form Requirements**

**Requirement 1 — Complete 5 Courses**

*Foundation courses:*

## 485936 - Theatre Arts Education K-12 (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Theatre Arts Education K-12 | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 84 | 84 |

**Major Academic Plan**

MAP - BA in Theatre Arts Education K12 2023-2024..pdf

| Title | Learning Outcome |
|---|---|
| Effective Communication | Students will demonstrate their ability to communicate effectively with diverse and inclusive teaching and learning communities by demonstrating EDIA (equity diversity inclusion access) principles through curriculum design delivery and assessment along with examples of their self-reflective practices. |
| Strategies | Students will demonstrate their ability to integrate dramatic strategies and skills into arts and non-arts based elementary and secondary educational environments while also providing equitable diverse inclusive and accessible instruction for students. |
| | Learning Outcome |

TMA111 Performance Matters - Performance Matters 1.0

TMA115 Intro to Performance Studies - Intro to Performance Studies 3.0

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA140 Script Analysis - Script Analysis 2.0

09470-000 - Missing course - Theatre Production 1 1.0

**Requirement 2 —Complete 3 hours**

TMA260R Theatre Production - Theatre Production 2 - *You may take 3 times* 1.0v

**Requirement 3 —Complete 6 Courses**

*Theatre core courses:*

TMA201 Drama Perf: Antiq to Renais - Drama Perf: Antiq to Renais 3.0

TMA202 Drama Perf: Renais to Present - Drama Perf: Renais to Present 3.0

TMA240 Playmaking - Playmaking 3.0

TMA259 Princ of Design for Stg - Princ of Design for Stg & Scrn 3.0

11551-002 - Missing course - Contemp Performance Practices 2.0

TMA395 Dramatic Literature 1 - Dramatic Literature 3.0

**Requirement 4 —Complete 1 of 2 Courses**

TMA411 Future Performance - Future Performance 1.0

TMA460 Portfolio - Portfolio 2.0

**Requirement 5 —Complete 16 hours**

*Electives: Complete 16 credit hours of upper-division course work IN CONSULTATION WITH THE FACULTY MENTOR. These individually tailored programs will allow the student maximum flexibility while guaranteeing quality control.*

TMA302 British Theatre Performance - British Theatre Performance 3.0

TMA315R Special Projects 2 - Special Projects 2 - *You may take 8 times* 0.5v

TMA315R Special Projects 2: Theatre - Special Projects 2: Theatre - *You may take 8 times* 0.5v

TMA316 TMA Instruction - TMA Instruction 1.0v

TMA316 TMA Instruction: Theatre - TMA Instruction: Theatre 1.0

TMA321 Voice Over - Voice Over 2.0

TMA322 Classical Voice - Classical Voice 2.0

TMA323R KCACTF - KCACTF - *You may take 4 times* 1.0

TMA324 Acting Classics - Acting Classics 3.0

TMA325 Stage Combat - Stage Combat 2.0

TMA326R Divine Comedy - Divine Comedy - *You may take 10 times* 0.5v

TMA329 Conservatory - Conservatory 3.0

TMA330R Assistant Directing - Assistant Directing - *You may take 5 times* 1.0v

TMA331 Directing Narrative Literature - Directing Narrative Literature

| | |
|---|---|
| | Students will demonstrate professional pedagogical practices by creating developing and implementing diverse inclusive and standards-based theatre curriculum into their classroom and professional communities. |
| **Title**<br>Professional Pedagogical Practices | |

| | |
|---|---|
| | **Learning Outcome**<br>Students will demonstrate their scholarly and artistic expertise by applying appropriate technology to curriculum exhibiting a working knowledge of all major elements of theatre history theory and practice and engaging with the great works of theatre and media. |
| **Title**<br>Scholarly Abilities | |

| | |
|---|---|
| | **Learning Outcome**<br>Students demonstrate their ability to practice and articulate their ethics of theatre by applying gospel-centered values as they contribute to classrooms and individual learners exercising moral reasoning when faced with ethical dilemmas in their classroom school or district and demonstrating a commitment to embracing inclusion diversity and making a positive difference in their sphere of influence. |
| **Title**<br>Ethics | |

| | |
|---|---|
| | **Learning Outcome**<br>EPP candidates will meet the Utah Effective Teaching Standards (UETS) at the basic competence level. |
| **Title**<br>Basic Competence Level | |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to*

3.0

TMA336 Stage Directing 1: Princ&Prac - Directing Principles & Practices 3.0

TMA351 Playwriting 2 - Playwriting 2 3.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

TMA360R Theatre Production 3 - Theatre Production 3 - *You may take 3 times* 0.5v

TMA362 Costume Design - Costume Design 3.0

TMA363 Scenic Design - Scenic Design 3.0

TMA364 Lighting Design - Lighting Design 3.0

TMA365 Sound Design - Sound Design 3.0

TMA366R Production Topics - Production Topics - *You may take 5 times* 1.0v

TMA367 Makeup Design - Makeup Design 3.0

TMA368 Scenic Art - Scenic Art 2.0

TMA369R Design Practicum - Design Practicum - *You may take 10 times* 0.5v

TMA369R Design & Tech: Asst Stage Mgrs - Design & Tech: Asst Stage Mgrs - *You may take 10 times* 1.0v

TMA375 Creative Drama - Creative Drama 2.0

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA379R Design Studio - Design Studio - *You may take 4 times* 2.0

TMA380 Production Dramaturgy - Dramaturgy 1 3.0

TMA392 Children's Media - Children's Media 3.0

TMA399R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 5 times* 0.5v

TMA399R Academic Internship - Academic Internship - *You may take 5 times* 0.5v

TMA416R Tching Assist Credit: Theatre - Tching Assist Credit: Theatre - *You may take 10 times* 1.0v

TMA416R Teaching Assistant Credit - Teaching Assistant Credit - *You may take 10 times* 1.0v

TMA420R Performance Workshop 2 - Performance Workshop 2 - *You may take 5 times* 0.5v

11112-000 - Missing course - The Business 1.0

TMA422 Dialects - Dialects 2.0

TMA423R Advanced KCACTF - Advanced KCACTF - *You may take 4 times* 1.0v

TMA424 Advanced Acting - Advanced Acting 3.0

TMA425 Character Mask - Character Mask 2.0

TMA427 Auditions - Auditions 3.0

TMA436 Stage Directing 2: AdvDirect - Theatre Directing Practicum 3.0

TMA443R WDA Workshop - WDA Workshop - *You may take 4 times* 3.0

*qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 2 Courses**

*Complete the following pre-theatre courses with a B grade or better:*

TMA115 Intro to Performance Studies - Intro to Performance Studies 3.0

09470-000 - Missing course - Theatre Production 1 1.0

**Requirement 2 — Complete 1 Course**

*Complete the following and be admitted to the licensure program by application during TMA 276 (see the department office, D-581 HFAC). NOTE: FBI fingerprint and background clearance must be completed before enrollment in TMA 276.*

TMA276 Exploration of Teaching - Exploration of Teaching 4.0

**Requirement 3 — Complete 2 Requirements**

*Theatre courses:*

**Requirement 3.1 — Complete 8 Courses**

05381-018 - Missing course - Voice & Diction 2.0

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA140 Script Analysis - Script Analysis 2.0

TMA201 Drama Perf: Antiq to Renais - Drama Perf: Antiq to Renais 3.0

TMA202 Drama Perf: Renais to Present - Drama Perf: Renais to Present 3.0

11551-002 - Missing course - Contemp Performance Practices 2.0

TMA336 Stage Directing 1: Princ&Prac - Directing Principles & Practices 3.0

TMA436 Stage Directing 2: AdvDirect - Theatre Directing Practicum 3.0

**Requirement 3.2 — Complete 1 hour**

TMA260R Theatre Production - Theatre Production 2 - *You may take once* 1.0v

**Requirement 4 — Complete 1 Course**

TMA395 Dramatic Literature 1 - Dramatic Literature 3.0

**Requirement 5 — Complete 9 hours**

*Theatre content courses:*

TMA127 Beginning Stage Combat - Beginning Stage Combat 1.0

TMA240 Playmaking - Playmaking 3.0

TMA251 Playwriting 1 - Playwriting 1 3.0

TMA252 Puppetry - Puppetry 2.0

TMA257 Storytelling - Storytelling 2.0

TMA355 Acting Pedagogy - Acting Pedagogy 2.0

TMA380 Production Dramaturgy - Dramaturgy 1 3.0

TMA455R Theatre Tour - Theatre Tour - *You may take once* 3.0

TMA451R Playwriting 3 - Playwriting 3 - *You may 3 times* 3.0

TMA455R Theatre Tour - Theatre Tour - *You may take 3 times* 3.0

TMA457 Media in Contemporary Clssrm - Media in Contemporary Clssrm 3.0

TMA458 Media Literacy Education - Media Literacy Education 3.0

TMA460 Portfolio - Portfolio 2.0

TMA356R Stage Management 2. - ASM 2 - *You may take once* 0.5v

TMA462 History of Costume - History of Costume 3.0

TMA463 Production Design - Production Design 2.0

TMA265 Sound Reinforcement - Sound Reinforcement 2.0

TMA467R Makeup for Media - Makeup for Media - *You may take once* 0.5v

TMA468R Specialty Costumes - Specialty Costumes - *You may take 8 times* 2.0v

TMA469 Theatre Management - Theatre Management 3.0

TMA477R Issues in Media Arts - Issues in Media Arts - *You may take 2 times* 3.0

TMA479R Advanced Design - Advanced Design - *You may take 5 times* 0.5v

TMA479R Adv Design: Costumes - Adv Design: Costumes - *You may take 5 times* 0.5v

TMA479R Adv Design: Lighting - Adv Design: Lighting - *You may take 5 times* 0.5v

TMA479R Adv Design: Makeup - Adv Design: Makeup - *You may take 5 times* 0.5v

TMA479R Adv Design: Scenic - Adv Design: Scenic - *You may take 5 times* 0.5v

TMA479R Adv Design: Sound - Adv Design: Sound - *You may take 5 times* 0.5v

TMA479R Advanced Stage Management - Advanced Stage Management - *You may take 5 times* 0.5v

TMA480R Spec Topics Theatre Research - Spec Topics Theatre Research - *You may take 4 times* 3.0

TMA483 New Play Dramaturgy - Dramaturgy 2 3.0

TMA485R Dramaturgy Practicum - Production Dramaturgy - *You may take 5 times* 1.0v

TMA489R Production Leads - Production Leads- *You may take 10 times* 0.5v

TMA491 Ethics, Aesthetics, & Theology - Ethics, Aesthetics, & Theology 1.0

TMA496R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 2 times* 0.5v

TMA496R Academic Internship - Academic Internship - *You may take 2 times* 0.5v

TMA497 Media as a Mirror of Our Times - Media as a Mirror of Our Times 3.0

TMA515R Special Projects 3: Theatre - Special Projects 3: Theatre - *You*

**Requirement 6 — Complete 9 hours**

*Design/Tech courses:*

TMA256 Stage Management 1 - Stage Management 1 2.0

TMA259 Princ of Design for Stg - Princ of Design for Stg & Scrn 3.0

TMA266 Principles of Stage Craft - Principles of Stage Craft 2.0

TMA267 Principles of Makeup - Principles of Makeup 2.0

TMA364 Lighting Design - Lighting Design 3.0

TMA368 Scenic Art - Scenic Art 2.0

**Requirement 7 — Complete 5 Courses**

*Theatre Education courses:*

TMA375 Creative Drama - Creative Drama 2.0

TMA377B Methods Secondary Curriculum - Methods Secondary Curriculum 3.0

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA377D Methods Elementary Curriculum - Methods Elementary Curriculum 3.0

TMA457 Media in Contemporary Clssrm - Media in Contemporary Clssrm 3.0

**Requirement 8 — Complete 2 Requirements**

*Professional Education Courses:*

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 8.1 — Complete 3 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

**Requirement 8.2 — Complete 12 hours**

TMA476 Secondary Student Teaching - Secondary Student Teaching - *You may take up to 12.0 credit hours* 12.0

TMA496R Academic Internship - Academic Internship - *You may take up to 12.0 credit hours* 0.5v

Educator Preparation Program (EPP) admission and retention requirements apply. Review the following: http://catalog.byu.edu/about-byu/educator-requirements.

*may take 8 times* 1.0v

TMA515R Special Projects 3 - Special Projects 3 - *You may take 8 times* 1.0v

TMA536R Special Projects in Directing - Directing Workshop - *You may take 2 times* 0.5v

TMA551R Playwriting 4 - Playwriting 4 - *You may take 2 times* 3.0

TMA599R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 4 times* 1.0v

TMA599R Academic Internship - Academic Internship - *You may take 4 times* 1.0v

**Requirement 6 —Complete 10 hours**

*Electives continued: Complete an additional 10 hours of course work IN CONSULTATION WITH THE FACULTY MENTOR. These individually tailored programs will allow the student maximum flexibility while guaranteeing quality control.*

TMA102 Introduction to Film - Introduction to Film 3.0

05381-018 - Missing course - Voice & Diction 2.0

TMA122 Voice Prod Phonetics 1 - Voice Prod Phonetics 1 2.0

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA125 Yoga & Alexander Technique - Yoga & Alexander Technique 1.0

TMA127 Beginning Stage Combat - Beginning Stage Combat 1.0

TMA128 Acting 1: BFA or Pre-BFA - Acting 1: BFA or Pre-BFA 3.0

TMA199R Academic Internship: Theatre - Academic Internship: Theatre - *You may take once* 0.5v

TMA199R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA215R Special Projects 1: Theatre - Special Projects 1: Theatre - *You may take 8 times* 0.5v

TMA215R Special Projects 1 - Special Projects 1 - *You may take 8 times* 0.5v

TMA220R Workshop 1: Acting - Workshop 1: Acting - *You may take 5 times* 0.5v

TMA222 Voice Prod Phonetics 2 - Voice Prod Phonetics 2 2.0

TMA223 Acting Improvisation - Acting Improvisation 2.0

TMA224 Acting for Film & TV - Acting for Film & TV3.0

TMA225 Neutral Mask - Neutral Mask 2.0

TMA227 Acting Explorations - Acting Explorations 3.0

TMA228 Acting 2 - Acting 2 3.0

TMA 229 - Musical Scene Study 3.0

TMA251 Playwriting 1 - Playwriting 1 3.0

TMA252 Puppetry - Puppetry 2.0

TMA256 Stage Management 1 - Stage Management 1 2.0

TMA257 Storytelling - Storytelling 2.0

TMA258 Theatre Drafting - Theatre Drafting 2.0

TMA260R Theatre Production - Theatre Production 2 - *You may take 3 times* 1.0v

TMA266 Principles of Stage Craft - Principles of Stage Craft 2.0

TMA267 Principles of Makeup - Principles of Makeup 2.0

TMA276 Exploration of Teaching - Exploration of Teaching 4.0

TMA299R Academic Internship: Theatre - Academic Internship: Theatre - *You may take once* 0.5v

TMA299R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA302 British Theatre Performance - British Theatre Performance 3.0

TMA315R Special Projects 2 - Special Projects 2 - *You may take 8 times* 0.5v

TMA315R Special Projects 2: Theatre - Special Projects 2: Theatre - *You may take 8 times* 0.5v

TMA316 TMA Instruction - TMA Instruction 1.0v

TMA316 TMA Instruction: Theatre - TMA Instruction: Theatre 1.0

TMA321 Voice Over - Voice Over 2.0

TMA322 Classical Voice - Classical Voice 2.0

TMA323R KCACTF - KCACTF - *You may take 4 times* 1.0

TMA324 Acting Classics - Acting Classics 3.0

TMA325 Stage Combat - Stage Combat 2.0

TMA326R Divine Comedy - Divine Comedy - *You may take 10 times* 0.5v

TMA329 Conservatory - Conservatory 3.0

TMA330R Assistant Directing - Assistant Directing - *You may take 5 times* 1.0v

TMA331 Directing Narrative Literature - Directing Narrative Literature 3.0

TMA336 Stage Directing 1: Princ&Prac - Directing Principles & Practices 3.0

TMA351 Playwriting 2 - Playwriting 2 3.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

TMA360R Theatre Production 3 - Theatre Production 3 - *You may take 3 times* 0.5v

TMA362 Costume Design - Costume Design 3.0

TMA363 Scenic Design - Scenic Design 3.0

TMA364 Lighting Design - Lighting Design 3.0

TMA365 Sound Design - Sound Design 3.0

TMA366R Production Topics - Production Topics - *You may take 5 times* 1.0v

TMA367 Makeup Design - Makeup Design 3.0

TMA368 Scenic Art - Scenic Art 2.0

TMA369R Design Practicum - Design Practicum - *You may take 10 times* 0.5v

TMA369R Design & Tech: Asst Stage Mgrs - Design & Tech: Asst Stage Mgrs - *You may take 10 times* 1.0v

TMA375 Creative Drama - Creative Drama 2.0

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA379R Design Studio - Design Studio - *You may take 4 times* 2.0

TMA380 Production Dramaturgy - Dramaturgy 1 3.0

TMA392 Children's Media - Children's Media 3.0

TMA399R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 5 times* 0.5v

TMA399R Academic Internship - Academic Internship - *You may take 5 times* 0.5v

TMA416R Tching Assist Credit: Theatre - Tching Assist Credit: Theatre - *You may take 10 times* 1.0v

TMA416R Teaching Assistant Credit - Teaching Assistant Credit - *You may take 10 times* 1.0v

TMA420R Performance Workshop 2 - Performance Workshop 2 - *You may take 5 times* 0.5v

11112-000 - Missing course - The Business 1.0

TMA422 Dialects - Dialects 2.0

TMA423R Advanced KCACTF - Advanced KCACTF - *You may take 4 times* 1.0v

TMA424 Advanced Acting - Advanced Acting 3.0

TMA425 Character Mask - Character Mask 2.0

TMA427 Auditions - Auditions 3.0

TMA436 Stage Directing 2: AdvDirect - Theatre Directing Practicum 3.0

TMA443R WDA Workshop - WDA Workshop - *You may take 4 times* 3.0

TMA451R Playwriting 3 - Playwriting 3 - *You may take once* 3.0

TMA455R Theatre Tour - Theatre Tour - *You may take 3 times* 3.0

TMA457 Media in Contemporary Clssrm - Media in Contemporary Clssrm 3.0

TMA458 Media Literacy Education - Media Literacy Education 3.0

TMA460 Portfolio - Portfolio 2.0

TMA356R Stage Management 2. - ASM 2 - *You may take once* 0.5v

TMA462 History of Costume - History of Costume 3.0

TMA463 Production Design - Production Design 2.0

TMA265 Sound Reinforcement - Sound Reinforcement 2.0

TMA467R Makeup for Media - Makeup for Media - *You may take once* 0.5v

TMA468R Specialty Costumes - Specialty Costumes - *You may take 8 times* 2.0v

TMA469 Theatre Management - Theatre Management 3.0

TMA477R Issues in Media Arts - Issues in Media Arts - *You may take 2 times* 3.0

TMA479R Advanced Design - Advanced Design - *You may take 5 times*

0.5v

TMA479R Adv Design: Costumes - Adv Design: Costumes - *You may take 5 times* 0.5v

TMA479R Adv Design: Lighting - Adv Design: Lighting - *You may take 5 times* 0.5v

TMA479R Adv Design: Makeup - Adv Design: Makeup - *You may take 5 times* 0.5v

TMA479R Adv Design: Scenic - Adv Design: Scenic - *You may take 5 times* 0.5v

TMA479R Adv Design: Sound - Adv Design: Sound - *You may take 5 times* 0.5v

TMA479R Advanced Stage Management - Advanced Stage Management - *You may take 5 times* 0.5v

TMA480R Spec Topics Theatre Research - Spec Topics Theatre Research - *You may take 4 times* 3.0

TMA483 New Play Dramaturgy - Dramaturgy 2 3.0

TMA485R Dramaturgy Practicum - Production Dramaturgy - *You may take 5 times* 1.0v

TMA489R Production Leads -Production Leads - *You may take 10 times* 0.5v

TMA491 Ethics, Aesthetics, & Theology - Ethics, Aesthetics, & Theology 1.0

TMA496R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 2 times* 0.5v

TMA496R Academic Internship - Academic Internship - *You may take 2 times* 0.5v

TMA497 Media as a Mirror of Our Times - Media as a Mirror of Our Times 3.0

TMA515R Special Projects 3: Theatre - Special Projects 3: Theatre - *You may take 8 times* 1.0v

TMA515R Special Projects 3 - Special Projects 3 - *You may take 8 times* 1.0v

TMA536R Special Projects in Directing - Directing Workshop - *You may take 2 times* 0.5v

TMA551R Playwriting 4 - Playwriting 4 - *You may take 2 times* 3.0

TMA599R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 4 times* 1.0v

TMA599R Academic Internship - Academic Internship - *You may take 4 times* 1.0v

## 485937 - Acting (BFA) *

### Program Information

| Program Title | Degree |
|---|---|
| Acting | BFA |
| **Variable Credit Min** | **Variable Credit Max** |
| 78.5 | 82.5 |

**Major Academic Plan**

MAP - BFA in Acting 2023-2024.pdf

## 487121 - Music Dance Theatre (BFA) *

### Program Information

| Program Title | Degree |
|---|---|
| Music Dance Theatre | BFA |
| **Variable Credit Min** | **Variable Credit Max** |
| 77 | 78 |

**Major Academic Plan**

MAP - BFA in Music Dance Theatre 2023-2024.pdf

| | |
|---|---|
| **Title**<br>Performance | **Learning Outcome**<br>Students will demonstrate competitive performance skills and effective work habits through mastery of performance techniques in the discipline and by consistently representing themselves as professionals in audition rehearsal and performance situations. |

| | |
|---|---|
| **Title**<br>Personal Growth | **Learning Outcome**<br>Students will develop business skills and compile personal resources to sustain a healthy self-image in order to pursue individual creativity and innovation in their craft while enduring the rigors of the entertainment industry. |

| | |
|---|---|
| **Title**<br>Historical and Social Impact of Theatre | **Learning Outcome**<br>Students will understand interpret explain analyze and assess the historical social and spiritual impact of theatre as well as critically converse about theatrical literature. |

| | |
|---|---|
| **Title**<br>Performance and Professional Growth | **Learning Outcome**<br>Students will demonstrate a commitment to intellectual inquiry self-directed learning and professional growth. |

**Free Form Requirements**

*This major is a limited enrollment program designed to prepare students to become professional artists and/or to pursue post-graduate degrees in the field. It is a highly competitive major; admission is by audition. Additionally, admitted students are required to meet progressively higher proficiency expectations each semester. If students do not meet proficiency expectations, they will be placed on program probation. Students placed on probation 3 times may be dismissed from the degree program. For further information on BFA Acting proficiency expectations and student standing, contact the BFA Acting Program Area Head or go to https://tma.byu.edu/programs/theatre-arts-programs/bachelor-of-fine-arts-in-acting/.*

**Requirement 1 —Complete 2 Courses**

*Complete the following theatre courses:*

TMA102 Introduction to Film - Introduction to Film 3.0

09470-000 - Missing course - Theatre Production 1 1.0

**Requirement 2 —Complete 4 Courses**

*Foundation courses:*

TMA115 Intro to Performance Studies - Intro to Performance Studies

| | |
|---|---|
| **Title**<br>Performance Preparation | **Learning Outcome**<br>Students will demonstrate professionally competitive skills in singing dancing and acting. |

| | |
|---|---|
| **Title**<br>Historic and Social impact of musical theatre. | **Learning Outcome**<br>Students will understand the place of music theatre historically as well as in contemporary culture and assess their position within this construct. |

| | |
|---|---|
| **Title**<br>Professional preparation | **Learning Outcome**<br>Students will be prepared for entrance into the profession with a current resume/portfolio. |

**Free Form Requirements**

*Participate in proficiency examinations in each of the three areas at the end of each semester. Failure in two or more areas over two consecutive semesters constitutes termination of major status. Please see the advisement center for details and procedures regarding proficiency requirements.*

*Any grade below C- in major courses is not acceptable for graduation. Dance technique courses require a grade of B- for advancement to the next level.*

**Requirement 1 — Complete 3 Requirements**

*Music core:*

**Requirement 1.1 — Complete 4 Courses**

*Note: You must pass Music 100 Challenge Exam prior to enrollment in MDT 290. If the exam is not passed, Music 100 should be taken as part your elective courses.*

MDT161 Voice Technique 1 - Voice Technique 1 2.0

MDT290 Music Theory for MDT - Music Theory for MDT 4.0

MUSIC113 Beginning Piano Techniques 1 - Beginning Piano Techniques 1 2.0

MUSIC261 MDT Vocal Technique 2. - MDT Vocal Technique 2. 2.0

**Requirement 1.2 — Complete 4 hours**

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 4.0 credit hours* 0.5v

**Requirement 1.3 — Complete 4 hours**

MUSIC360R Performance Instruction - Performance Instruction - *You may take up to 4.0 credit hours* 0.5v

**Requirement 2 — Complete 6 Requirements**

*Dance core:*

**Requirement 2.1 — Complete 3 hours**

DANCE131 Jazz Dance, Beginning - Jazz Dance, Beginning 1.0

DANCE231R Jazz Dance Technique 1 - Jazz Dance Technique 1 - *You may*

3.0

TMA128 Acting 1: BFA or Pre-BFA - Acting 1: BFA or Pre-BFA 3.0

TMA140 Script Analysis - Script Analysis 2.0

TMA240 Playmaking - Playmaking 3.0

**Requirement 3 —Complete 2 Courses**

*Complete the following Core courses:*

TMA201 Drama Perf: Antiq to Renais - Drama Perf: Antiq to Renais 3.0

TMA202 Drama Perf: Renais to Present - Drama Perf: Renais to Present 3.0

**Requirement 4 —Complete 1 hour**

TMA260R Theatre Production - Theatre Production 2 - *You may take once* 1.0v

**Requirement 5 —Complete 7 Courses**

*Acting courses:*

TMA223 Acting Improvisation - Acting Improvisation 2.0

TMA224 Acting for Film & TV - Acting for Film & TV 3.0

TMA228 Acting 2 - Acting 2 3.0

MDT229 Musical Scene Study - Musical Scene Study 3.0

TMA324 Acting Classics - Acting Classics 3.0

TMA424 Advanced Acting - Advanced Acting 3.0

TMA427 Auditions - Auditions 3.0

**Requirement 6 —Complete 4 Courses**

*Voice courses:*

TMA122 Voice Prod Phonetics 1 - Voice Prod Phonetics 1 2.0

TMA222 Voice Prod Phonetics 2 - Voice Prod Phonetics 2 2.0

TMA322 Classical Voice - Classical Voice 2.0

TMA422 Dialects - Dialects 2.0

**Requirement 7 —Complete 2 Requirements**

*Movement courses:*

**Requirement 7.1 —Complete 1 of 2 Courses**

DANCE140 Contemp Mdrn Dance, Beg - Contemp Mdrn Dance, Beg 1.0

DANCE240R Contemp Mdrn, Tech & Theory 1 - Contemp Mdrn, Tech & Theory 1 - *You may take once* 1.5

**Requirement 7.2 —Complete 4 Courses**

TMA125 Yoga & Alexander Technique - Yoga & Alexander Technique 1.0

TMA127 Beginning Stage Combat - Beginning Stage Combat 1.0

TMA225 Neutral Mask - Neutral Mask 2.0

TMA325 Stage Combat - Stage Combat 2.0

**Requirement 8 —Complete 1 Course**

*Support skills course:*

TMA267 Principles of Makeup - Principles of Makeup 2.0

*take up to 3.0 credit hours* 1.0

DANCE331R Jazz Dance Technique 2 - Jazz Dance Technique 2 - *You may take up to 3.0 credit hours* 1.5

**Requirement 2.2 — Complete 2 hours**

DANCE135 Tap Dance, Beginning - Tap Dance, Beginning 1.0

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 - *You may take up to 2.0 credit hours* 1.0

**Requirement 2.3 — Complete 5 hours**

DANCE290 Ballet Accelerated Technique 1 - Ballet Accelerated Technique 1 1.5

DANCE291R Ballet Technique 2 - Ballet Technique 2 - *You may take up to 5.0 credit hours* 2.5

DANCE390R Ballet Technique 3 - Ballet Technique 3 - *You may take up to 5.0 credit hours* 1.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 - *You may take up to 5.0 credit hours* 3.0

DANCE490R Ballet Technique 5 - Ballet Technique 5 - *You may take up to 5.0 credit hours* 3.0

**Requirement 2.4 — Complete 3.5 hours**

DANCE240R Contemp Mdrn, Tech & Theory 1 - Contemp Mdrn, Tech & Theory 1 - *You may take up to 1.5 credit hours* 1.5

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take up to 3.5 credit hours* 2.0

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take up to 2.5 credit hours* 2.5

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 - *You may take up to 3.5 credit hours* 1.5v

DANCE341R Cntmpry Mdrn Tech Forms - Cntmpry Mdrn Tech Forms - *You may take up to 3.5 credit hours* 2.5

DANCE364 Contemporary Partnering - Contemporary Partnering 1.0

DANCE440R Cont Mdrn Dnc Technq & Thry 4 - Cont Mdrn Dnc Technq & Thry 4 - *You may take up to 3.5 credit hours* 2.5

**Requirement 2.5 — Complete 1 hour**

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

**Requirement 2.6 — Complete 2 hours**

*Complete 2 additional credit hours from courses not yet completed to fulfill Requirement 2.*

DANCE231R Jazz Dance Technique 1 - Jazz Dance Technique 1 - *You may take up to 1.0 credit hours* 1.0

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take up to 2.0 credit hours* 2.5

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE291R Ballet Technique 2 - Ballet Technique 2 - *You may take up*

TMA267 Principles of Makeup - Principles of Makeup 2.0

**Requirement 9 —Complete 2 Requirements**

*Performance courses:*

**Requirement 9.1 —Complete 3 hours**

TMA410 Acting Capstone - Acting Capstone - *You may take up to 3.0 credit hours* 2.0v

**Requirement 9.2 —Complete 0.5 hours**

TMA428 Acting Practicum - Acting Practicum 0.5v

**Requirement 10 —Complete 2 Courses**

11112-000 - Missing course - The Business 1.0

TMA491 Ethics, Aesthetics, & Theology - Ethics, Aesthetics, & Theology 1.0

**Requirement 11 —Complete 1 Requirement**

Complete 14 hours from the following or other approved courses:

**Requirement 11.1 —Complete 14 hours**

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

TMA220R Workshop 1: Acting - Workshop 1: Acting - *You may take once* 0.5v

MDT221 Musical Theatre Performance - Musical Theatre Performance 1.0v

TMA241 Screenwriting 1 - Screenwriting 1 3.0

TMA251 Playwriting 1 - Playwriting 1 3.0

TMA259 Princ of Design for Stg - Princ of Design for Stg & Scrn 3.0

11551-002 - Missing course - Contemp Performance Practices 2.0

TMA302 British Theatre Performance - British Theatre Performance 3.0

TMA321 Voice Over - Voice Over 2.0

TMA323R KCACTF - KCACTF - *You may take once* 1.0

TMA329 Conservatory - Conservatory 3.0

TMA336 Stage Directing 1: Princ&Prac- Directing Principles&Practices 3.0

TMA341R Screenwriting 2 - Screenwriting 2 - *You may take once* 3.0

TMA351 Playwriting 2 - Playwriting 2 3.0

TMA367 Makeup Design - Makeup Design 3.0

TMA395 Dramatic Literature 1 - Dramatic Literature 3.0

TMA 396 - Dramatic Literature 2 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

TMA420R Performance Workshop 2 - Performance Workshop 2 - *You may take once* 0.5v

TMA425 Character Mask - Character Mask 2.0

TMA429 Performance: Recital - Performance: Recital 3.0

TMA436 Stage Directing 2: AdvDirect - Theatre Directing Practicum 3.0

TMA443R WDA Workshop - WDA Workshop - *You may take once* 3.0

DANCE291R Ballet Technique 2 - Ballet Technique 2 - *You may take up to 2.0 credit hours* 2.5

DANCE331R Jazz Dance Technique 2 - Jazz Dance Technique 2 - *You may take up to 1.5 credit hours* 1.5

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 - *You may take up to 1.0 credit hours* 1.0

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 - *You may take up to 2.0 credit hours* 1.5v

DANCE341R Cntmpry Mdrn Tech Forms - Cntmpry Mdrn Tech Forms - *You may take up to 2.0 credit hours* 2.5

DANCE364 Contemporary Partnering - Contemporary Partnering 1.0

DANCE390R Ballet Technique 3 - Ballet Technique 3 - *You may take up to 2.0 credit hours* 1.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 - *You may take up to 2.0 credit hours* 3.0

DANCE440R Cont Mdrn Dnc Techniq & Thry 4 - Cont Mdrn Dnc Technq & Thry 4 - *You may take up to 2.0 credit hours* 2.5

DANCE490R Ballet Technique 5 - Ballet Technique 5 - *You may take up to 2.0 credit hours* 3.0

**Requirement 3 — Complete 11 Courses**

*Theatre core:*

MDT229 Musical Scene Study - Musical Scene Study 3.0

TMA115 Intro to Performance Studies - Intro to Performance Studies 3.0

05381-018 - Missing course - Voice & Diction 2.0

TMA128 Acting 1: BFA or Pre-BFA - Acting 1: BFA or Pre-BFA 3.0

TMA223 Acting Improvisation - Acting Improvisation 2.0

TMA228 Acting 2 - Acting 2 3.0

TMA260R Theatre Production - Theatre Production 2 - *You may take once* 1.0v

TMA267 Principles of Makeup - Principles of Makeup 2.0

11112-000 - Missing course - The Business 1.0

TMA422 Dialects - Dialects 2.0

TMA427 Auditions - Auditions 3.0

**Requirement 4 — Complete 1 Course**

*MDT seminar course:*

MDT328 Performance Seminar - Performance Seminar 3.0

**Requirement 5 — Complete 1 Course**

*History of MDT course:*

MDT300 MT in Contemporary Culture - MT in Contemporary Culture 3.0

**Requirement 6 — Complete 1 Course**

*Choreographic styles:*

MDT361 Choreographic Styles - Choreographic Styles 3.0

**Requirement 7 — Complete 1 Course**

TMA443R WDA Workshop - WDA Workshop - *You may take once* 3.0

TMA455R Theatre Tour - Theatre Tour - *You may take once* 3.0

TMA469 Theatre Management - Theatre Management 3.0

**Requirement 7 — Complete 1 Course**

*Senior performance project course:*

MDT426 BFA Senior Showcase - BFA Senior Showcase 3.0

**Requirement 8 — Complete 2 Requirements**

**Requirement 8.1 — Complete 1 hour**

MDT221 Musical Theatre Performance - Musical Theatre Performance 1.0v

**Requirement 8.2 — Complete 1 hour**

*Courses cannot double count between Requirement 8.2 and Requirement 9.*

DANCE320R Young Ambassadors - Young Ambassadors - *You may take once* 0.5v

STAC100R Intercol Athl Cougarettes - Cougarette Performing Team - *You may take once* 2.0

DANCE 398R - Ballet Showcase Company - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 2.0

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre - *You may take once* 2.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take once* 0.5v

TMA220R Workshop 1: Acting - Workshop 1: Acting - *You may take once* 0.5v

TMA420R Performance Workshop 2 - Performance Workshop 2 - *You may take once* 0.5v

**Requirement 9 — Complete 3.5 hours**

*Elective courses:*

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take once* 2.0

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

DANCE244R Beginning Creative Processes - Std Wrkshp Improv & Choreog - *You may take once* 1.0

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE294R Ballet Technique, Men - Ballet Technique, Men - *You may take once* 1.5

DANCE320R Young Ambassadors - Young Ambassadors - *You may take 2 times* 0.5v

STAC100R Intercol Athl Cougarettes - Cougarette Performing Team - *You may take once* 2.0

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 - *You may take once* 1.0

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 - *You may take once* 1.5v

DANCE341R Cntmpry Mdrn Tech Forms - Cntmpry Mdrn Tech Forms - *You may take once* 2.5

DANCE362 Cont Mdrn Dnce Choreo Interm - Cont Mdrn Dnce Choreo Interm 2.0

DANCE363R Dance Improvisation, Interm - Dance Improvisation, Interm - *You may take once* 1.0

DANCE368R DancEnsemble - DancEnsemble - *You may take 2 times* 1.0v

DANCE390R Ballet Technique 3 - Ballet Technique 3 - *You may take once* 1.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 - *You may take once* 3.0

DANCE393R Ballet Pointe 2 - Ballet Pointe 2 - *You may take once* 1.0

DANCE 398R - Ballet Showcase Company - *You may take 2 times - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 2.0

DANCE399R Academic Intrnshp: Gen'l Dance - Academic Intrnshp: Gen'l Dance - *You may take once* 0.5v

DANCE429R Dance Perf-2 - Dance Perf-2 - *You may take once* 0.5v

DANCE440R Cont Mdrn Dnc Technq & Thry 4 - Cont Mdrn Dnc Technq & Thry 4 - *You may take once* 2.5

DANCE462R Choreo, Adv - Choreo, Adv - *You may take once* 2.0

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre - *You may take 2 times* 2.0

DANCE490R Ballet Technique 5 - Ballet Technique 5 - *You may take once* 3.0

DANCE494R Ballet Pointe/Variations - Ballet Pointe/Variations - *You may take once* 0.5

DANCE495R Pas de Deux - Pas de Deux - *You may take once* 1.0

DANCE 540R - Contemporary Dance Tec Thry 5 - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 2.5

MUSIC100 Music Fundamentals - Music Fundamentals 2.0

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take once* 0.5v

MUSIC360R Performance Instruction - Performance Instruction - *You may take 2 times* 0.5v

MUSIC363 Vocal Pedagogy - Vocal Pedagogy 2.0

MUSIC386 Songwriting 2 - Songwriting 2 - *You may take once* 2.0

MUSIC399R Academic Internship - Academic Internship - *You may take once* 0.5v

MUSIC402 Vocal Literature - Vocal Literature 3.0

MUSIC472 Supervised Teaching in Voice - Supervised Teaching in Voice 2.0

TMA100 Intro to Visual Literacy - Intro to Visual Literacy 3.0

TMA127 Beginning Stage Combat - Beginning Stage Combat 1.0

TMA215R Special Projects 1 - Special Projects 1 - *You may take once* 0.5v

TMA220R Workshop 1: Acting - Workshop 1: Acting - *You may take once* 0.5v

TMA224 Acting for Film & TV - Acting for Film & TV 3.0

TMA225 Neutral Mask - Neutral Mask 2.0

TMA 236 - Script Analysis for Production - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 2.0

TMA321 Voice Over - Voice Over 2.0

TMA322 Classical Voice - Classical Voice 2.0

TMA324 Acting Classics - Acting Classics 3.0

TMA325 Stage Combat - Stage Combat 2.0

TMA329 Conservatory - Conservatory 3.0

TMA336 Stage Directing 1: Princ&Prac - Directing Principles&Practices 3.0

TMA399R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA420R Performance Workshop 2 - Performance Workshop 2 - *You may take up to 9.0 credit hours* 0.5v

TMA424 Advanced Acting - Advanced Acting 3.0

TMA425 Character Mask - Character Mask 2.0

TMA429 Performance: Recital - Performance: Recital 3.0

TMA443R WDA Workshop - WDA Workshop - *You may take once* 3.0

TMA469 Theatre Management - Theatre Management 3.0

TMA515R Special Projects 3 - Special Projects 3 - *You may take once* 1.0v

## 488002 - Art (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Art | MIN |
| Variable Credit Min | Variable Credit Max |
| 21 | 21 |

| Title | Learning Outcome |
|---|---|
| Concepts and Processes | Students will develop a fundamental understanding of concepts processes and criticism of visual art. |

| Title | Learning Outcome |
|---|---|
| Skill and Aesthetic Development | Students will develop their skills in traditional and contemporary art making and cultivate a sensitivity to the aesthetics of visual art. |

## 488003 - Art History & Curatorial Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Art History & Curatorial Studies | MIN |
| Variable Credit Min | Variable Credit Max |
| 18 | 18 |

| Title | Learning Outcome |
|---|---|
| Art History in the Western World | Students will acquire a solid foundation in the discipline of art history of the Western world. |

| Title | Learning Outcome |
|---|---|
| Research Skills | Students will develop advanced art historical research skills. |

| | Learning Outcome |
|---|---|
| | Students will write engaging and |

| Title | Learning Outcome |
| --- | --- |
| Career Development | Students will develop creative thinking and problem solving skills that will be beneficial in multiple career opportunities. |

Free Form Requirements

**Requirement 1 — Complete 1 Course**

ART101 Intro to Art and Drawing - Intro to Art and Drawing 3.0

*Note: Courses listed as majors-only (ART 210, 215, 216, 217, 225, and 260) will have a temporary registration period 3-4 weeks prior to the beginning of Fall and Winter semesters, during which minors will be able to add these courses to their schedule. Minors who miss this registration period will need to seek a Permission-to-add code from the instructor on the first day of class.*

**Requirement 2 — Complete 3 hours**

ART104 Intro to Sculpture - Non-Major - Intro to Sculpture - Non-Major 3.0

ART105 Intro to Ceramics - Non-Majors - Intro to Ceramics - Non-Majors 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

**Requirement 3 — Complete 3 hours**

ART110 Painting for Non-Majors - Painting for Non-Majors 3.0

ART120 Watercolor for Non-Majors - Watercolor for Non-Majors 3.0

ART122 Printmaking for Non-Majors - Printmaking for Non-Majors 3.0

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals3.0

ART260 Photo Fundamentals - Photo Fundamentals 3.0

**Requirement 4 — Complete 6 hours**

*Note: Courses from Requirement 2 or 3 cannot double count for Requirement 4.*

ART104 Intro to Sculpture - Non-Major - Intro to Sculpture - Non-Major 3.0

ART105 Intro to Ceramics - Non-Majors - Intro to Ceramics - Non-Majors 3.0

ART110 Painting for Non-Majors - Painting for Non-Majors 3.0

ART120 Watercolor for Non-Majors - Watercolor for Non-Majors 3.0

ART122 Printmaking for Non-Majors - Printmaking for Non-Majors 3.0

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

| Title | Learning Outcome |
| --- | --- |
| Effective Writing | Students will write engaging and sophisticated art historical research papers. |

| Title | Learning Outcome |
| --- | --- |
| Effective Communication and Presentation | Students will demonstrate their ability to effectively present their ideas through verbal expression. |

| Title | Learning Outcome |
| --- | --- |
| Cultural and Professional Experience | Students will visit and experience important works of art as well as the institutions and/or professional venues where art history is practiced. Covid presented us with a challenge here |

Free Form Requirements

**Requirement 1 — Complete 18 hours**

*Complete 18 elective hours from the following:*

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

ARTHC300 Theory & Methodology - Theory & Methodology 3.0

ARTHC301 Women in Art - Women in Art 3.0

ARTHC304 Greek Art - Greek Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC316 Art of the Medieval West - Art of the Medieval West 3.0

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

ARTHC329 Ren & Baroque Arch - Ren & Baroque Arch 3.0

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

ARTHC337 18th-Century European Art - 18th-Century European Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC350 Modern Art - Modern Art 3.0

ARTHC353 American Art 1876-1950 - American Art 1876-1950 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

ARTHC365 Amer Architecture - Amer Architecture 3.0

ARTHC367 Modern Architectur - Modern Architectur 3.0

ARTHC379 History of Photography - History of Photography 3.0

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 3.0

**Requirement 5 — Complete 2 Courses**

ARTED397 Issues in Contemporary Art - Issues in Contemporary Art 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

## 488004 - Art Education (Minor) *

### Program Information

| Program Title | Degree |
|---|---|
| Art Education | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 29.5 | 29.5 |

**Free Form Requirements**

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 3 Courses**

*Core courses:*

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

**Requirement 2 — Complete 3 Courses**

*Art Education courses:*

ARTED378 K-12 ClssrmMgmt,3D Mthds&Pract - K-12 ClssrmMgmt,3D Mthds&Pract 3.0

ARTED397 Issues in Contemporary Art - Issues in Contemporary Art 3.0

ARTED450 Adv Sec Stu Tchg Mthds Art Ed - Adv Sec Stu Tchg Mthds Art Ed 3.0

**Requirement 3 — Complete 7.5 hours**

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

3.0

ARTHC382 Southern Mesoamerican Art - Southern Mesoamerican Art 3.0

ARTHC490R Spec Top Read Arth - Spec Top Read Arth - *You may take 2 times* 1.0v

ARTHC492R Special Studies on Site - Special Studies on Site - *You may take 2 times* 1.0v

*Note: No substitutions permitted.*

## 488019 - Arts in the Elementary Classroom (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Arts in the Elementary Classroom | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 17 |

**Free Form Requirements**

*This minor is designed to fulfill requirements necessary for the Utah State Board of Education Arts Integration Endorsement. This minor includes coursework spanning multiple art forms and pedagogies, additional coursework in an area of artistic focus, and coursework related to the integration of arts into the classroom. Successful completion of this minor will prepare students to integrate dance, drama, music, and visual art into other areas of core curriculum taught in elementary classrooms. This minor does not indicate subject area specialization in the arts or qualification for teaching arts courses per se, but rather reflects training in the application of arts-based pedagogies and methodologies to the teaching of other core elementary classroom curricula.*

*Students completing this minor, along with another education degree pursuant to state educator licensure, should verify with the advisement center in the College of Education that the submission materials for their licensure include their application for Arts Integration endorsement.*

**Requirement 1 — Complete 1 Course**

*Arts Integration and Assessment*

FNART226 Arts Integration - Arts Integration 2.0

**Requirement 2 — Complete 4 Courses**

*Arts in the Classroom*

ARTED326 Art for Elementary Teachers - Art for Elementary Teachers 3.0

DANCE326 Dance for Elementary Classroom - Dance for Elementary Classroom 2.0

MUSIC378 Mu Elem Clsrm Tchr - Mu Elem Clsrm Tchr 2.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

**Requirement 3 — Complete 1 of 4 Options**

**Option 3.1 — Complete 2 of 8 Courses**

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

**Requirement 4 — Complete 1 Course**

ARTED477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

**Option 3.1 — Complete 2 of 8 courses**

*ART*

ART101 Intro to Art and Drawing - Intro to Art and Drawing 3.0

ART102 Intro to Art 2D - Intro 2D Color and Composition 3.0

ART104 Intro to Sculpture - Non-Major - Intro to Sculpture - Non-Major 3.0

ART105 Intro to Ceramics - Non-Majors - Intro to Ceramics - Non-Majors 3.0

ART110 Painting for Non-Majors - Painting for Non-Majors 3.0

ART122 Printmaking for Non-Majors - Printmaking for Non-Majors 3.0

ART133 Intro to Art 3D - 3-D Design 1.5

ARTED397 Issues in Contemporary Art - Issues in Contemporary Art 3.0

**Option 3.2 — Complete 2 Requirements**

*DANCE*

**Requirement 3.2.1 — Complete 2 hours**

*Movement*

DANCE240R Contemp Mdrn, Tech & Theory 1 - Contemp Mdrn, Tech & Theory 1 - *You may take once* 1.5

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

DANCE270 Cultural Dance Technique 1 - World Dance Technique 1 1.0

**Requirement 3.2.2 — Complete 2 hours**

*Pedagogy, Theory, and Creativity*

DANCE244R Beginning Creative Processes - Std Wrkshp Improv & Choreog - *You may take once* 1.0

DANCE276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

DANCE348R Kinnect - Kinnect - *You may take once* 1.0v

DANCE376 Mthds of Tchg Cultural Dance - Mthds of Tchg World Dance 2.0

DANCE465 K-12 Dance Curriculum Design - K-12 Dance Curriculum Design 2.0

**Option 3.3 — Complete 4 hours**

*MUSIC*

MUSIC100 Music Fundamentals - Music Fundamentals 2.0

MUSIC101 Introduction to Music - Introduction to Music 3.0

MUSIC160R Performance Instruction - Performance Instruction - *You may take once* 0.5v

MUSIC202 Civilization: Music 2 - Civilization: Music 2 3.0

MUSIC203 World Music Cultures - World Music Cultures 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

Note: Upper-division private instruction may also partially fulfill this requirement; no more than 2 total credits of private instruction may

count toward this option.

**Option 3.4 — Complete 4 hours**

*THEATRE AND MEDIA ARTS*

TMA252 Puppetry - Puppetry 2.0

TMA257 Storytelling - Storytelling 2.0

TMA375 Creative Drama - Creative Drama 2.0

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA392 Children's Media - Children's Media 3.0

TMA455R Theatre Tour - Theatre Tour - *You may take once* 3.0

## 488022 - Art Education K-12 (BA) *

### Program Information

| Program Title | Degree |
|---|---|
| Art Education K-12 | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 80 | 80 |

**Major Academic Plan**

MAP - BA in Art Education K-12 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Community | Research Lifelong Learning and Service Students will actively engage in communities of learning through collaborative inquiry research and service. |
| Curriculum Theory | Students will construct curricula and other professional materials that reflect current practices and theories in art and education. |
| Studio Practice | Students will develop a studio practice that connects to their identity as an art educator and that includes the breadth of media and skills required of art educators in schools. |
| Teaching Experience | Students will demonstrate sound teaching practices in a variety of contexts. |
| | Students will fulfill all professional licensure requirements and standards as |

## 488024 - Art History & Curatorial Studies (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Art History & Curatorial Studies | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 42 | 68 |

**Major Academic Plan**

MAP - BA in Art History & Curatorial Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Art History in the Western World | Students will acquire a solid foundation in the discipline of art history of the Western world. |
| Research Skills | Students will develop advanced art historical research skills. |
| Effective Communication and Presentation | Students will demonstrate their ability to effectively present their ideas through verbal expression. One of the casualities of Covid was student presentations in person. We hope that this changes soon. |
| Cultural and Professional Experience | Students will visit and experience important works of art as well as the institutions and/or professional venues where art history is practiced. Good despite the 2020 pandemic. This continues to be the case in 2021 |
| | |

| | |
|---|---|
| Title<br>Professional Licensure | required by the Art Education Program the McKay School of Education and University Standards for Educational Preparation Programs. |

| | |
|---|---|
| Title<br>Spiritual Dimension of Art Education | Learning Outcome<br>Students will demonstrate their ability to consider complex questions and personal responsibilities associated with art and education in the light of gospel principles. |

Free Form Requirements

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 3 Courses**

*Core courses:*

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART 226 - Ways of Being an Artist 3.0

**Requirement 2 — Complete 5 hours**

*Note: FBI fingerprint and background clearance must be completed before enrolling in ARTED 276.*

ARTED276 Intro to K-12 Art & Design Ed - Intro K-12 Art & Design Mthds 1.0v

*Obtain acceptance into the Art Education K-12 BA program.*

**Requirement 3 — Complete 3 of 4 Courses**

*First-year foundation courses:*

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

| | |
|---|---|
| Title<br>Effective Writing | Students will write engaging and sophisticated art historical research papers that demonstrate original thought. This is an area to which we would like to direct our focus because we desperately need to cultivate better writers in our area. |

Free Form Requirements

**Requirement 1 — Complete 5 Courses**

ART200 Studio Tech for Art History - Studio Tech for Art History 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

ARTHC300 Theory & Methodology - Theory & Methodology 3.0

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

**Requirement 2 — Complete 1 of 2 Courses**

*Ancient art:*

ARTHC304 Greek Art - Greek Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

**Requirement 3 — Complete 1 of 2 Courses**

*Medieval art:*

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC316 Art of the Medieval West - Art of the Medieval West 3.0

**Requirement 4 — Complete 1 of 2 Courses**

*Renaissance art:*

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

**Requirement 5 — Complete 1 of 2 Courses**

*Baroque art:*

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

**Requirement 6 — Complete 1 of 4 Courses**

*Nineteenth-century art:*

ARTHC337 18th-Century European Art - 18th-Century European Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC365 Amer Architecture - Amer Architecture 3.0

**Requirement 7 — Complete 1 of 5 Courses**

*Modern art:*

ARTHC350 Modern Art - Modern Art 3.0

ARTHC353 American Art 1876-1950 - American Art 1876-1950 3.0

ART1225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

**Requirement 4 — Complete 3 Courses**

*Second-year foundation courses:*

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART260 Photo Fundamentals - Photo Fundamentals 1.5

**Requirement 5 — Complete 6 hours**

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

12318-001 - Missing course - Materials of Painting. 1.5

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART332 Book Arts - Book Arts 1.5

ART333 Painting-Mixed Media - Painting-Mixed Media 3.0

ART350 Adv Prntmkg: Intag, Rel, Mono - Adv Prntmkg: Intag, Rel, Mono 3.0

ART351 Adv Prntmkng: Litho & Screen - Adv Prntmkng: Litho & Screen 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take once* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take once* 1.0v

13598-000 - Missing course - Arts Administration Capstone 3.0

**Requirement 6 — Complete 2 Courses**

*Advanced ARTED studio courses:*

ARTED339 Computer Application in Art Ed - Computer Application in Art Ed 3.0

ARTED450 Adv Sec Stu Tchg Mthds Art Ed - Adv Sec Stu Tchg Mthds Art Ed 3.0

**Requirement 7 — Complete 1 of 4 Courses**

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

ART326 Current Art Practice - Current Art Practice 3.0

ART340 Business Practices for Artists - App Creative/Critical Thinking 3.0

ARTED380 Museum Art Education - Museum Art Education 3.0

ARTHC353 American Art 1876-1950 - American Art 1876-1950 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

ARTHC367 Modern Architectur - Modern Architectur 3.0

ARTHC379 History of Photography - History of Photography 3.0

**Requirement 8 — Complete 1 of 3 Courses**

*Non-Western art:*

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art 3.0

ARTHC382 Southern Mesoamerican Art - Southern Mesoamerican Art 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

**Requirement 9 — Complete 1 of 14 Courses**

*Language requirement:*

FREN201 Intermediate French, Part 1 - Intermediate French, Part 1 4.0

FREN315 Focused French Readings - Focused French Readings 3.0

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

GERM201 2nd Yr German - 2nd Yr German 4.0

GERM345R Field Studies in German - Field Studies in German - *You may take once* 1.0v

GERM595R German for Reading - German for Reading - *You may take once* 3.0

ITAL201 Intermediate Italian 1 - Intermediate Italian 1 4.0

ITAL315 ITAL 315 - ITAL 315 3.0

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 PORT 201 - Third-Semester Portuguese 4.0

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

RUSS201 2nd-Yr Russian, Part 1 - 2nd-Yr Russian, Part 1 5.0

SPAN205 University Spanish 3 - University Spanish 3 4.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

**Requirement 10 — Complete 1 of 2 Options**

*Complete one of the following tracks:*

**Option 10.1 — Complete 2 Requirements**

*Academic Track:*

**Requirement 10.1.1 — Complete 3 hours**

*Complete three hours from one of the following capstone courses:*

ARTHC498 Senior Thesis/Capstone Exper - Senior Thesis/Capstone Exper 3.0

ARTHC 499R - Honors Thesis - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

**Requirement 10.1.2 — Complete 4 of 25 Courses**

ARTED380 Museum Art Education - Museum Art Education 3.0

**Requirement 8 — Complete 3 Courses**

ARTED378 K-12 ClssrmMgmt,3D Mthds&Pract - K-12 ClssrmMgmt,3D Mthds&Pract 3.0

ARTED397 Issues in Contemporary Art - Issues in Contemporary Art 3.0

ARTED478 Art Curr,Assessmnt,Mthds K-12 - Art Curr,Assessmnt,Mthds K-12 3.0

**Requirement 9 — Complete 1 hour**

*Complete 1 credit hour of Art 395R (2 registrations):*

ART395R Studio Seminar - Studio Seminar - *You may take 2 times* 0.5

**Requirement 10 — Complete 5 Courses**

*Additional licensure requirements:*

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SFL210 Human Development - Human Development 3.0

*Complete an interview with advisor.*

*Complete a teaching assistant experience. Must be approved by Tara Carpenter. Complete prior to student teaching. See Sharon Heelis for hiring. See Art Department secretary for finalization.*

*Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.*

**Requirement 11 — Complete 12 hours**

ARTED476R Art Education Student Teaching - Art Education Student Teaching - *You may take up to 12.0 credit hours* 1.0v

ARTED496R Art Education Internship - Art Education Internship - *You may take up to 12.0 credit hours* 12.0

*Student teachers/interns are required to complete the PPAT assessment, administered by Educational Testing Services as a licensure requirement.*

*Complete four courses from any of the following upper-division core courses not already taken:*

ARTHC301 Women in Art - Women in Art 3.0

ARTHC304 Greek Art - Greek Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC316 Art of the Medieval West - Art of the Medieval West 3.0

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

ARTHC329 Ren & Baroque Arch - Ren & Baroque Arch 3.0

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC350 Modern Art - Modern Art 3.0

ARTHC353 American Art 1876-1950 - American Art 1876-1950 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

ARTHC360 Intro Mus Cur/Stds - Intro Mus Cur/Stds 3.0

ARTHC365 Amer Architecture - Amer Architecture 3.0

ARTHC367 Modern Architectur - Modern Architectur 3.0

ARTHC375 Japanese Art & Architecture - Japanese Art & Architecture 3.0

ARTHC379 History of Photography - History of Photography 3.0

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art 3.0

ARTHC382 Southern Mesoamerican Art - Southern Mesoamerican Art 3.0

ARTHC490R Spec Top Read Arth - Spec Top Read Arth - *You may take 2 times* 1.0v

ARTHC492R Special Studies on Site - Special Studies on Site - *You may take 2 times* 1.0v

ARTHC496R Off-Campus Internship - Off-Campus Internship - *You may take once* 3.0

**Option 10.2 — Complete 4 Requirements**

*Professional Track:*

**Requirement 10.2.1 — Complete 1 Course**

*Complete the following capstone course:*

ARTHC497 Art History Business Capstone - Art History Business Capstone 3.0

**Requirement 10.2.2 — Complete 1 of 2 Courses**

*Complete one of the following courses:*

FIN201 Principles of Finance - Principles of Finance 3.0

MSB250 Financial Management - Financial Management 3.0

**Requirement 10.2.3 — Complete 2 Courses**

*Complete the following two courses:*

ACC200 Principles of Accounting - Principles of Accounting 3.0

MKTG201 Marketing Management - Marketing Management 3.0

**Requirement 10.2.4 — Complete 3 hours**

*Complete one course from any of the upper-division core courses not already taken:*

ARTHC301 Women in Art - Women in Art 3.0

ARTHC304 Greek Art - Greek Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC316 Art of the Medieval West - Art of the Medieval West 3.0

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

ARTHC329 Ren & Baroque Arch - Ren & Baroque Arch 3.0

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC350 Modern Art - Modern Art 3.0

ARTHC353 American Art 1876-1950 - American Art 1876-1950 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

ARTHC360 Intro Mus Cur/Stds - Intro Mus Cur/Stds 3.0

ARTHC365 Amer Architecture - Amer Architecture 3.0

ARTHC367 Modern Architectur - Modern Architectur 3.0

ARTHC375 Japanese Art & Architecture - Japanese Art & Architecture 3.0

ARTHC379 History of Photography - History of Photography 3.0

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art 3.0

ARTHC382 Southern Mesoamerican Art - Southern Mesoamerican Art 3.0

ARTHC490R Spec Top Read Arth - Spec Top Read Arth - *You may take once* 1.0v

ARTHC492R Special Studies on Site - Special Studies on Site - *You may take once* 1.0v

ARTHC496R Off-Campus Internship - Off-Campus Internship - *You may take once* 3.0

## 488034 - Graphic Design (BFA) *

## 488035 - Illustration (BFA) *

## Program Information

| Program Title | Degree |
|---|---|
| Graphic Design | BFA |
| **Variable Credit Min** | **Variable Credit Max** |
| 72.5 | 73.5 |

**Major Academic Plan**

MAPS- BFA in Graphic Design 2023-2034.pdf

| Title | Learning Outcome |
|---|---|
| Cultural Change, Context and Audience | Students will be able to recognize design as a catalyst for positive cultural change and consider the importance of context, audience, and history in their work. |
| Design Thinking | Students will be able to create strong, conceptual work which is informed by research, design thinking, and their own personal voice. |
| Effective Communication Through Design | Students will be able to create dynamic visual communications which utilize effective composition, typography, and visual form. |
| Professional Practice | Students will be able to exhibit a professional work ethic, demonstrate the ability to work collaboratively, and present themselves professionally through a well-designed portfolio and effective written and oral communication. |
| Design Impact and Sustainability | Students will be able to choose sustainable methods of working that anticipate the economic, environmental, ethical, moral, spiritual, and cross-cultural impact of their design. |
| Design Across Media Types | Students will be able to create design solutions across three-dimensional and two-dimensional media, including print, interaction, and motion. |

## Program Information

| Program Title | Degree |
|---|---|
| Illustration | BFA |
| **Variable Credit Min** | **Variable Credit Max** |
| 72 | 72 |

**Major Academic Plan**

MAPS - BFA in Illustration 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Uplifting Themes | Students will be able to create work that reflects spiritually uplifting themes. |
| History and Context | Students will be able to have a functional knowledge of the history of illustration including its origins in the fine arts and its relationship to written communication. |
| Markets and Business | Students will be able to have a deeper understanding of the commercial and business practices of illustration. |
| Design Practice and Theory | Students will be able to develop deep theoretical and practical understanding of design. |
| Literal Image Development and Analysis | Students will be able to analyze and develop visual images based on narrative (literal) illustration solutions. |
| Illustration Development and Concept | Students will be able to create marketable illustrations incorporating concept rough sketches color comps and finished art as well as effectively communicate story concept. |
| | Students will be able to create successful life drawings by implementing tools and procedures including proportion gesture balance foreshortened perspective composition drapery and structure through light and |

| | |
|---|---|
| Skill and Concept Mastery | shadow. |

| | |
|---|---|
| Title<br>Medium Proficiency | Learning Outcome<br>Students will be able to demonstrate proficiency in at least one of the illustration mediums studied including oil acrylics gouache or digital. |

| | |
|---|---|
| Title<br>Symbolic Image Development and Analysis | Learning Outcome<br>Students will be able to analyze and develop visual images based on conceptual (symbolic) illustration solutions. |

Free Form Requirements
MAP - BFA in Illustration 8.23.2022

*The Illustration BFA program is a limited enrollment program requiring department admissions approval. Interested students should declare their pre-major intent, complete DESIL101 and submit an online portfolio of their work to obtain pre-BFA status. Pre-BFA status application deadlines are at the end of Fall semester, Winter semester, and Spring term. Successful applicants will go on to complete foundational courses before applying for admissions to the Illustration BFA major.*

*Only students granted pre-BFA status are to complete the foundational courses and then may apply for the BFA professional program through a portfolio review in June.*

**Requirement 1 —Complete 1 Course**

*Prerequisite Course:*

DESIL101 Drawing & Composition - Drawing & Composition 3.0

*Apply for pre-BFA status via portfolio review.*

**Requirement 2 —Complete 3 Courses**

*Foundational Courses:*

DES150 Intro to Life Drawing - Intro to Life Drawing 3.0

DESIL130 Illustration Fundamentals - Illustration Fundamentals 3.0

DESIL140 Intro to Digital Illustration - Intro to Digital Illustration 2.0

*Apply to the Illustration BFA program.*

**Requirement 3 —Complete 9 Courses**

*After admission to the major, complete the following:*

DES280 Motion Concepts - Motion Concepts 3.0

DESGD243 Typography 1 - Typography 1 3.0

DESIL230 Painting Fundamentals - Painting Fundamentals 3.0

DESIL240 Intermed. Digital Illustration - Intermed. Digital Illustration 3.0

DESIL250 Intermediate Life Drawing - Intermediate Life Drawing 3.0

DESIL263 Narrative Illustration - Narrative Illustration 3.0

Free Form Requirements
MAP - BFA in Graphic Design

*The Graphic Design BFA program is a limited enrollment program requiring department admissions approval. Interested students should declare their pre-major intent, complete DESGD 145 and submit an online portfolio of their work. Pre-major application deadlines are at the end of Fall semester, Winter semester, and Spring term.*

*Only students granted pre-BFA status are to complete the foundational courses and then may apply for the BFA professional program through a portfolio review in June.*

**Requirement 1 —Complete 1 Course**

*Prerequisite Course:*

DESGD145 Design 1 - Design 1 3.0

*Apply for pre-BFA status via portfolio review.*

**Requirement 2 —Complete 3 Courses**

*Foundational Courses:*

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESGD260 Interface & Usability - Interface & Usability 3.0

*Apply to the Graphic Design BFA program via portfolio review. After admission to the major, complete the following:*

**Requirement 3 —Complete 9 Courses**

*After admission to the major, complete the following:*

*Graphic Design Core:*

DES280 Motion Concepts - Motion Concepts 3.0

DESGD340 Branding 1 - Branding 1 3.0

DESGD341 3-Dimensional Design - 3-Dimensional Design 3.0

DESGD343 Typography 2 - Typography 2 3.0

DESGD362 Interactive Typographic Sys - Interaction & Design Systems 3.0

DESGD380 Motion Design - Motion Design 3.0

DESGD440 Branding 2 - Branding 2 3.0

DESGD441R Design Lab - Design Lab - *You may take once* 3.0

DESGD442 Portfolio - Portfolio 3.0

**Requirement 4 —Complete 9 hours**

*Elective Courses:*

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

DES383 Analog Motion - Analog Motion 3.0

DES394R Special Topics - Special Topics - *You may take up to 3.0 credit hours*

DES480 3D Motion - 3D Motion 2 3.0

DESGD248R Letterpress Studio - Letterpress Studio - *You may take once* 3.0

DESGD394R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 3.0v

DESGD460 Interaction Design 2 - Advanced Interaction Design 2 3.0

DESGD491R Collab Des: Brand & Strategy - Collab Des: Brand & Strategy - *You may take once* 3.0

*History & Critical Studies Courses:*

**Requirement 5 —Complete the following course twice:**

DES111R Design Lecture Series - Design Lecture Series - *You may take 2 times* 0.5

**Requirement 6 —Complete 4 Courses**

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

DES390 Design Theory - Design Theory 3.0

DESGD349 History of Graphic Desgn - History of Graphic Design 3.0

**Requirement 7 — Complete 1 of 2 Options**

**Option 7.1 — Complete 3 Courses**

DESGD489 BFA Capstone: Discovery - BFA Capstone: Discovery 0.5

DESGD490 BFA Capstone Project: Research - BFA Capstone Project: Research 3.0

DESGD497 Project Implementation - Project Implementation 3.0

**Option 7.2 — Complete 3 Courses**

DESPX489 Collab. UX Design: Discovery - Collab. UX Design: Discovery 0.5

DESPX490 Collab. UX Design: Research - Collab. UX Design: Research 3.0

DESPX497 Collab. UX Design: Implement. - Collab. UX Design: Implement. 3.0

*Career & Business Courses:*

**Requirement 8 —Complete 1 Course**

DESGD488 Studio Practices for Designers - Studio Practices for Designers 2.0

**Requirement 9 —Complete 1 hour**

DES496R Academic Internship - Academic Internship - *You may take once* 6.0v

**Requirement 10 —Complete 1 of 5 Courses**

COMMS230 Intro Advertising - Intro Advertising 3.0

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

ENT 434R - New Venture LaunchPad - *You may take once* 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STDEV317 Job Search Strategies - Career Strategies 2.0

DESIL330 Illustration 3 - Illustration 3 3.0

DESIL350 Adv. Life Drawing - Adv. Life Drawing 3.0

DESIL352 Environment Design - Environment Design 3.0

DESIL350 Adv. Life Drawing - Adv. Life Drawing 3.0

**Requirement 4 —Complete the following course twice**

DES111R Design Lecture Series - Design Lecture Series 0.5

*History & Critical Studies Courses:*

**Requirement 5 —Complete 4 Courses**

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

DES390 Design Theory - Design Theory 3.0

DESIL354 Survey of Illustration History - Survey of Illustration History 3.0

**Requirement 6 —Complete 4 Courses**

DESIL451 Senior Illustration Studio - Senior Illustration Studio 1 3.0

DESIL488 Prof Practices for Illustrator - Prof Practices for Illustrator 2.0

DESIL490 ILL Capstone Project: Research - ILL Capstone Project: Research 2.0

DESIL497 Capstone Project: Implem. - Capstone Project: Implem. 2.0

**Requirement 7 —Complete 12 hours**

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

CSANM340 Game Design - Game Design 2.0

DES394R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 3.0

DES383 Analog Motion - Analog Motion 3.0

DES480 3D Motion - 3D Motion 3.0

DES496R Academic Internship - Academic Internship - *You may take up to 6.0 credit hours* 6.0v

DESAN260 Basic Storyboarding - Basic Storyboarding 3.0

DESGD245 Design 2 - Design 2 3.0

DESIL340 3D Digital Illustration - 3D Digital Illustration 3.0

DESIL357 Sketchbook - Sketchbook 3.0

DESIL358 Character Design - Character Design 3.0

DESIL394R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 3.0

DESIL450 Painting the Human Head - Painting the Human Head 3.0

DESIL457R Concept Design - Concept Design - *You may take up to 3.0 credit hours* 1.5

DESIL498R Directed Studies in Illustratn - Directed Studies in

Illustratn - *You may take once* 1.0v

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STDEV317 Job Search Strategies - Career Strategies 2.0

## 488038 - Photo- & Lens- Based Design (BFA) *

### Program Information

| Program Title | Degree |
|---|---|
| Photo- & Lens- Based Design | BFA |
| **Variable Credit Min** | **Variable Credit Max** |
| 71 | 72 |

**Major Academic Plan**

MAPS - BFA in Photo- & Lens-Based Design 2023-20234.pdf

| Title | Learning Outcome |
|---|---|
| Professional Development and Career Preparation | Students will be able to understand and apply professional photography business practices including finding career opportunities marketing pricing ethics and preparing for graduate school. |
| Photographic History, Theory and Trends | Students will be able to understand photographic history and contemporary art theory, including trends and movements in both silver and non-silver processes and moving imagery. |
| Technical Expertise | Students will be able to demonstrate expertise with lighting and other techniques in the still and video imaging areas. Students will be able to problem solve for clients and exhibit personal expression with both traditional digital and moving imaging methods with the goal of communicating meaning through two dimensional design composition and content. |
| Commitment to the Church and BYU Aims | Students will be able to produce works consistent with the Church and the aims of BYU. |
| | Students will be able to develop |

## 488040 - Animation (BFA) *

### Program Information

| Program Title | Degree |
|---|---|
| Animation | BFA |
| **Variable Credit Min** | **Variable Credit Max** |
| 65 | 65 |

**Major Academic Plan**

MAP - BFA in Animation 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Artistic Development and Proficiency | Animation graduates will be able to implement fundamental design narrative and animation skills and will demonstrate proficiency in at least one of these areas. |
| Technological Development and Proficiency | Animation graduates will be able to apply problem-solving abilities in the technical processes of modeling lighting rigging animation and special effects and will demonstrate proficiency in at least one of these areas. |
| Collaboration and Professionalism | Animation graduates will be able to engage in the collaborative production processes of animation and exhibit professional behavior while creating interdisciplinary creative works. |
| Spirituality | Ethics and Animation Animation graduates will be able to critically examine spiritual values and ethical issues relevant to their respective experiences in the entertainment industry. |
| | Animation graduates will be able to implement ideas and principles from the history of |

| Title | |
|---|---|
| Ideation | Students will be able to develop and visually communicate poignant ideas concepts and independent thought. |

**Free Form Requirements**
MAP - BFA in Photo- and Lens- Based Design 8.23.2022

*The Photo- & Lens- Based Design BFA program is a limited enrollment program requiring department admissions approval. Interested students should declare their pre-major intent, complete DESPH 116 and submit an online portfolio of their work. Pre-major application deadlines are at the end of Fall semester, Winter semester, and Spring term.*

*Only students granted pre-BFA status are to complete the foundational courses and then may apply for the BFA professional program through a portfolio review in June.*

**Requirement 1 —Complete 1 Course**

*Prerequisite Course:*

DESPH116 Introduction to Photography - Introduction to Photography 3.0

*Apply for pre-BFA status via portfolio review.*

**Requirement 2 —Complete 2 Courses**

*Foundational Courses:*

DESPH120 Concept. Pract & Creative Expl - Intro to Digital Imaging 3.0

DESPH260 Filmmaking 01 - Moving Image 1 3.0

*Apply to the Photo- & Lens- Based Design BFA program via portfolio review.*

**Requirement 3 —Complete 12 Courses**

*After admission to the major, complete the following:*

DES280 Motion Concepts - Motion Concepts 3.0

DES480 3D Motion - 3D Motion 3.0

DESPH240 Lighting 1 - Lighting 1 3.0

DESPH250 Lighting 2 - Lighting 2 3.0

DESPH270 Intro to B/W Photography - Intro to B/W Photography 3.0

DESPH273 Digital Imaging & Compositing - Photographic Language 3.0

DESPH276 Visual Storytelling - Visual Storytelling 3.0

DESPH360 Filmmaking 02 - Moving Image 2 3.0

DESPH377R Alt Photo Processes - Alt Photo Processes - *You may take once* 3.0

DESPH378 Junior Portfolio - Junior Portfolio 3.0

DESPH475 Location Photography - Location Photography 3.0

DESPH488 Prof Practices for Photogrphrs - Prof Practices for Photogrphrs 2.0

**Requirement 4 —Complete the following course twice**

DES111R Design Lecture Series - Design Lecture Series 0.5

**Requirement 5 —Complete 4 Courses**

| Title | |
|---|---|
| History and Critical Thinking | animation and art in general by identifying the meaning and purpose of major works and movements within the context of their own projects. |

**Free Form Requirements**
MAP - BFA in Animation 8.15.2022

*The Animation BFA program is a limited enrollment program requiring departmental admissions approval. Interested students should declare pre-major intent and complete DESAN 101. Based upon review of work completed in DESAN 101, students will be promoted to pre-BFA Animation status. Successful applicants will go on to complete the foundational courses before applying for admissions to the Animation BFA major through a portfolio review in June.*

*Only students granted pre-BFA status are to complete the foundational courses and then may apply for the BFA professional program through a portfolio review in June.*

**Requirement 1 — Complete 1 Course**

*Prerequisite courses:*

DESAN101 Intro to Drawing for Pre-Anim - Intro to Drawing for Pre-Anim 1.0

*Apply for pre-BFA status via portfolio review.*

**Requirement 2 — Complete 3 Courses**

*Foundational courses:*

CSANM150 Intro to 3D Graphics - Intro to 3D Graphics 1.5

DESAN102 Drawing Fundamentals- Drawing Fundamentals 3.0

DESAN162 Intro to 2D Animation Skills - Intro to 2D Animation Skills 1.5

*Apply to the Animation BFA program.*

**Requirement 3 — Complete 8 Courses**

*After admission to the major, complete the following:*

CSANM210 Visual Narrative - Visual Narrative 3.0

CSANM250 Interm 3D Computer Graphics - Interm 3D Computer Graphics 2.0

CSANM258 Scripting for Animation - Scripting for Animation 3.0

DESAN250R Gesture Drawing - Gesture Drawing - *You may take once* 3.0

DESAN262 Beginning Char Anim - Beginning Char Anim 3.0

DESAN363R Experimental Anim & Prod. - Experimental Animation and Production - *You may take once* 1.5

DESAN460 Business & Ethics in Animation - Business & Ethics in Animation 2.0

TMA102 Introduction to Film - Introduction to Film 3.0

**Requirement 4 — Complete 1 of 2 Courses**

CSANM252 Intro 3D Animation - Technical Animation 3.0

DESAN275 Technical Drawing - Technical Drawing 3.0

**Requirement 5 — Complete 1 of 4 Courses**

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

DES390 Design Theory - Design Theory 3.0

DESPH379 History of Photography - History of Photography 3.0

**Requirement 6 —Complete 2 Courses**

DESPH490 BFA Project: Research - BFA Project: Research 1.0

DESPH497 BFA Capstone Project - BFA Capstone Project 3.0

**Requirement 7 —Complete 2 hours**

DES496R Academic Internship - Academic Internship - *You may take 2 times* 6.0v

**Requirement 8 —Complete 1 of 3 Courses**

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STDEV317 Job Search Strategies - Career Strategies 2.0

**Requirement 9 —Complete 3.0 hours**

*Studio Courses:*

DES383 Analog Motion - Analog Motion 3.0

DES394R Special Topics - Special Topics - 3.0

DESPH394R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 3.0v

**Requirement 5 — Complete 1 of 4 Courses**

CSANM354 Materials and Surfacing - Materials & Surfacing 3.0

DESAN265 Visual Development - Visual Development 3.0

*History & Critical Studies Courses:*

**Requirement 6 — Complete 1 of 2 Course**

CSANM352 Animated Film Production 1 - Animated Film Production 1 - *You may take once* 3.0

CSANM459 Video Game Production 1 - Video Game Production 1 - *You may take once* 3.0

**Requirement 7 —Complete 6 hours**

CSANM450 Animated Film Production 2 - Animated Film Production 2 - *You may take once* 3.0

CSANM452 Animated Film Production 3 - Animated Film Production 3 - *You may take once* 3.0

CSANM460 Video Game Production 2 - Video Game Production 2 - *You may take once* 3.0

CSANM497R BFA Final Project - BFA Final Project - *You may take once* 3.0v

DESAN359 Video Game Pre-Production - Video Game Pre-Production 3.0

DESAN397R Pitching for Film & Games - Pitching for Film & Games - *You may take once* 1.5

DESAN462 Capstone: Anim. Analysis - Capstone: Anim. Analysis 3.0

DESAN496R Film Pre-Production - Film Pre-Production - *You may take once* 1.5

DESAN497R BFA Independent Film Productn - BFA Independent Film Productn - *You may take once* 3.0v

**Requirement 8 — Complete 3 Courses**

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

TMA294 History of Animation - History of Animation 3.0

**Requirement 9 — Complete 1 of 5 Courses**

DES390 Design Theory - Design Theory 3.0

DESIL354 Survey of Illustration History - Survey of Illustration History 3.0

DESPH379 History of Photography - History of Photography 3.0

TMA291 Media Arts History 1 - Media Arts History 1 3.0

TMA292 Media Arts History 2 - Media Arts History 2 3.0

**Requirement 10 — Complete 9.5 hours**

*(Courses completed above do not double count to fulfill this requirement.)*

C S110 How to Program - The Joy and Beauty of Computing 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

CSANM340 Game Design - Game Design 2.0

CSANM342 Real-time Techniques - Real-time Techniques 3.0

CSANM351R Lighting for 3D Graphics - Lighting for 3D Graphics - *You may take once* 3.0

CSANM352 Animated Film Production 1 - Animated Film Production 1 - *You may take once* 3.0

CSANM353 Previsualization - Previsualization 3.0

CSANM354 Materials and Surfacing - Materials & Surfacing 3.0

CSANM454 Advanced Shading - Advanced Shading 3.0

CSANM458 3D Visual Effects - 3D Visual Effects 3.0

CSANM459 Video Game Production 1 - Video Game Production 1 - 3.0

CSANM494R Special Problems in Animation - Special Projects - *You may take once* 3.0v

DES111R Design Lecture Series - Design Lecture Series - *You may take 2 times* 0.5

DES280 Motion Concepts - Motion Concepts 3.0

DES383 Analog Motion - Analog Motion 3.0

DES394R Special Topics - Special Topics - *You may take once* 3.0

DES480 3D Motion - 3D Motion 2 3.0

DESAN260 Basic Storyboarding - Basic Storyboarding 3.0

DESAN265 Visual Development - Visual Development 3.0

DESAN352 Interm Charac Anim - Interm Charac Anim 3.0

DESAN360R Advanced Storyboarding - Advanced Storyboarding - *You may take once* 3.0

DESAN361R Vis Dev & Character Design - Vis Dev & Character Design - *You may take once* 3.0

DESAN362R Adv Charac Anim - Adv Charac Anim - *You may take once* 3.0

DESAN364R Digital Sculpting - Digital Sculpting - *You may take once* 3.0

DESAN365R Digital Painting - Digital Painting - *You may take once* 3.0

DESAN394R Special Topics - Special Topics - *You may take once* 0.5v

DESAN450 Adv. Life Drawing - Adv. Life Drawing 3.0

DESAN486R Intellectual Properties - Intellectual Properties - *You may take once* 3.0v

DESAN497R BFA Independent Film Productn - BFA Independent Film Productn - *You may take once* 3.0v

DESAN498R Directed Studies in Animation - Directed Studies in Animation - *You may take once* 6.0v

DESIL352 Environment Design - Environment Design 3.0

DESIL350 Adv. Life Drawing - Adv. Life Drawing 3.0

DESPH270 Intro to B/W Photography - Intro to B/W Photography 3.0

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA241 Screenwriting 1 - Screenwriting 1 3.0

## 488041 - Art (BFA) *

### Program Information

| Program Title | Degree |
|---|---|
| Art | BFA |
| **Variable Credit Min** | **Variable Credit Max** |
| 68.5 | 68.5 |

**Major Academic Plan**

MAP - BFA in Art 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Art History and Context | Students will examine art past and present through required on and off-campus learning experiences and locate their work within this larger context. |
| BFA Final Project and Portfolio | Students will meet the requirements for the BFA program including the BFA final project and the BFA exit portfolio and will demonstrate artistic maturity as evidenced through their final project. |
| Skill Development and Proficiency | Students will exhibit fundamental knowledge and skill in painting drawing printmaking ceramics sculpture photography and new genres. |
| Spirituality, Ethics, and Art | Ethics and Art Students will critically examine spiritual values and ethical issues relevant to art. |
| Professional Development | Students will demonstrate an awareness of and preparation for graduate studies teaching opportunities professional gallery work or other art and non-art related opportunities that might incorporate collaboration in an interdisciplinary environment. |

**Free Form Requirements**

**Requirement 1 — Complete 3 Courses**

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

## 488046 - Art (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Art | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 59.5 | 59.5 |

**Major Academic Plan**

MAP - BA in Art 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Visual Arts History, Concepts, and Processes | Concepts and Processes Students will demonstrate a comprehension of fundamental concepts processes history and criticism of visual arts. |
| Aesthetic Development | Students will develop a personal sensitivity to the aesthetics of visual art. |
| Spirituality, ethics, and Visual Arts | Ethics and the Visual Arts Students will critically examine spiritual values and ethical issues relevant to art. |
| Career Development | Students will demonstrate an awareness of and preparation for traditional and interdisciplinary career opportunities. |
| Skill Development | Students will demonstrate competency in traditional experimental and/or cross-disciplinary approaches to art making. |

**Free Form Requirements**

**Requirement 1 — Complete 3 Courses**

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

**Requirement 2 —Complete 7 Courses**

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

**Requirement 2 —Complete 7 Courses**

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 1.5

*Be admitted to the BFA program. BFA application instructions are available at this website: http://art.byu.edu.*

**Requirement 3 — Complete 4 hours**

ART480R Advanced Studio - Advanced Studio - *You may take up to 4.0 credit hours* 1.0v

**Requirement 4 —Complete 19.5 hours**

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

12318-001 - Missing course - Materials of Painting. 3.0

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART332 Book Arts - Book Arts 3.0

ART333 Painting-Mixed Media - Painting-Mixed Media 3.0

ART350 Adv Prntmkg: Intag, Rel, Mono - Adv Prntmkg: Intag, Rel, Mono 3.0

ART351 Adv Prntmkng: Litho & Screen - Adv Prntmkng: Litho & Screen 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take 3 times* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take up to 9.0 credit hours* 1.0v

ART496R Academic Internship - Academic Internship - *You may take once* 0.5v

**Requirement 5 —Complete 3 hours**

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 1.5

**Requirement 3 —Complete 3 Courses**

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

**Requirement 4 —Complete 9 hours**

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

12318-001 - Missing course - Materials of Painting. 3.0

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART332 Book Arts - Book Arts 3.0

ART333 Painting-Mixed Media - Painting-Mixed Media 3.0

ART350 Adv Prntmkg: Intag, Rel, Mono - Adv Prntmkg: Intag, Rel, Mono 3.0

ART351 Adv Prntmkng: Litho & Screen - Adv Prntmkng: Litho & Screen 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D: Sculpture with Digital Tools 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take once* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take once* 1.0v

ART496R Academic Internship - Academic Internship - *You may take once* 0.5v

*Please note: Courses from Requirement 5 cannot double count for Requirement 4.*

**Requirement 5 — Complete 12 hours**

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART310 Installation - Installation 3.0

**Requirement 5 —Complete 2 hours**

ART395R Studio Seminar - Studio Seminar - *You may take up to 2.0 credit hours* 0.5

**Requirement 6 —Complete 2 Courses**

ART340 Business Practices for Artists - App Creative/Critical Thinking 3.0

ART497 BFA Final Project & Exit Portf - BFA Final Project & Exit Portf 1.0

**Requirement 7 —Complete 4 Courses**

*Art History and Criticism:*

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

ART326 Current Art Practice - Current Art Practice 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

*Note: It is recommended that students interested in pursuing interdisciplinary studies use university elective hours to complete a minor or courses that are relevant to and enhance their interdisciplinary focus and goals.*

ART321 Drawing - Drawing 3.0

12318-001 - Missing course - Materials of Painting. 1.5

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART332 Book Arts - Book Arts 1.5

ART333 Painting-Mixed Media - Painting-Mixed Media 3.0

ART350 Adv Prntmkg: Intag, Rel, Mono - Adv Prntmkg: Intag, Rel, Mono 3.0

ART351 Adv Prntmkng: Litho & Screen - Adv Prntmkng: Litho & Screen 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D: Sculpture with Digital Tools 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take once* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take once* 1.0v

ART496R Academic Internship - Academic Internship - *You may take once* 0.5v

**Requirement 6 — Complete 1.5 hours**

ART395R Studio Seminar - Studio Seminar - *You may take 3 times* 0.5

**Requirement 7 — Complete 1 Course**

*Complete Art 490 during the final semester.*

ART490 BA Exit Portfolio - BA Exit Portfolio 1.0

## 488048 - Interdisciplinary Design (BA) *

### Program Information

| Program Title | Degree |
|---|---|
| Interdisciplinary Design | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 55.5 | 57.5 |

**Major Academic Plan**

MAP - BA in Interdisciplinary Design 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Communication Through Design | Students will be able to understand the basic principles of design, including composition, color and visual form. |

## 488050 - Art: Arts Administration (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Arts Administration | BA |

| Title | Learning Outcome |
|---|---|
| Visual Arts History, Concepts and Processes | Students will demonstrate a comprehension of fundamental concepts, processes, history and criticism of visual arts |

| Title | Learning Outcome |
|---|---|
| | Students will develop a personal sensitivity to the aesthetics of |

| Title | Learning Outcome |
|---|---|
| Visual Culture | Students will be able to identify international design artifacts throughout history and recognize their influence on contemporary visual culture. |

| Title | Learning Outcome |
|---|---|
| Career Survey | Students will be able to survey the potential career paths within their chosen emphasis and identify the current challenges in the fields. |

| Title | Learning Outcome |
|---|---|
| Technical Skill Development | Students will be able to demonstrate the basic skills of their chosen emphasis, including representational drawing, principles of motion, photography, and graphic design. |

**Free Form Requirements**

*The Interdisciplinary Design BA program is a limited enrollment program requiring departmental admissions approval. Interested students should declare their pre-major intent, complete either DESGD 145, DESIL 101 or DESPH 116 and submit an online portfolio of work to obtain pre-BA status. Pre-major application deadlines are at the end of Fall semester, Winter semester, and Spring term.*

*Only students granted pre-BA status are to complete the foundational courses and then may apply for the BA program through a portfolio review in June. Accepted major students will be assigned a faculty advisor who will assist in completing a program plan, approve hybrid track and provide information about post-graduate preparation.*

**Requirement 1 — Complete 1 of 4 Options (based on your hybrid track):**

*Prerequisite course:*

**Option 1.1 — Complete 1 of 2 Courses**

*Illustration + Graphic Design*

DESGD145 Design 1 - Design 1 3.0

DESIL101 Drawing & Composition - Drawing & Composition 3.0

**Option 1.2 — Complete 1 Course**

*Graphic Design + Illustration*

DESGD145 Design 1 - Design 1 3.0

**Option 1.3 — Complete 1 Course**

*Photo- and Lens-based Design + Graphic Design*

DESPH116 Introduction to Photography - Introduction to Photography 3.0

**Option 1.4 — Complete 1 Course**

*Graphic Design + Photo- and Lens-based Design*

| Aesthetic Development | visual art. |
|---|---|

| Title | Learning Outcome |
|---|---|
| Spirituality, Ethics and the Visual Arts | Students will critically examine spiritual values and ethical issues relevant to art. |

| Title | Learning Outcome |
|---|---|
| Career Development | Students will demonstrate an awareness of and preparation for traditional and interdisciplinary career opportunities. |

| Title | Learning Outcome |
|---|---|
| Skill Development | Students will demonstrate competency in traditional, experimental and/or cross-disciplinary approaches to art making. |

**Free Form Requirements**

**Requirement 1 — Complete 3 Courses**

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

**Requirement 2 — Complete 7 Courses**

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing- Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 3.0

**Requirement 3 — Complete 3 Courses**

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

**Requirement 4 — Complete 9 hours**

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

12318-001 - Missing course - Materials of Painting. 3.0

ART327 Painting - Painting 3.0

*Graphic Design + Photo- and Lens-based Design*

DESGD145 Design 1 - Design 1 3.0

*Apply for pre-BA status via portfolio review.*

**Requirement 2 — Complete 1 of 4 Options (based on your hybrid track):**

*Foundational Courses:*

**Option 2.1 — Complete 2 Requirements**

*Illustration + Graphic Design*

**Requirement 2.1.1 — Complete 1 of 2 Courses**

DESIL130 Illustration Fundamentals - Illustration Fundamentals 3.0

DESIL140 Intro to Digital Illustration - Intro to Digital Illustration 2.0

**Requirement 2.1.2 —Complete 1 of 2 Courses**

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

**Option 2.2 —Complete 2 Requirements**

*Graphic Design + Illustration*

**Requirement 2.2.1 — Complete 1 of 2 Courses**

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

**Requirement 2.2.2 — Complete 1 Course**

DESIL140 Intro to Digital Illustration - Intro to Digital Illustration 2.0

**Option 2.3 — Complete 2 Requirements**

*Photo- and Lens-based Design + Graphic Design*

**Requirement 2.3.1 —Complete 1 of 2 Courses**

DESPH120 Concept. Pract & Creative Expl - Intro to Digital Imaging 3.0

DESPH260 Filmmaking 01 - Moving Image 1 3.0

**Requirement 2.3.2 —Complete 1 of 2 Courses**

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

**Option 2.4 —Complete 2 Requirements**

*Graphic Design + Photo- and Lens-based Design*

**Requirement 2.4.1 — Complete 1 of 2 Courses**

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

**Requirement 2.4.2 —Complete 1 Course**

DESPH116 Introduction to Photography - Introduction to Photography 3.0

**Requirement 3 — Complete 1 Course**

DES198 Intro to Interdisc. Design - Intro to Interdisc. Design - 0.5

Apply to the Interdisciplinary Design BA program.

After admission to the major, complete the following requirements

ART328R Figure Drawing and Painting- Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART332 Book Arts- Book Arts 3.0

ART333 Painting-Mixed Media - Painting-Mixed Media 3.0

ART350 Adv Prntmkg: Intag, Rel, Mono - Adv Prntmkg: Intag, Rel, Mono 3.0

ART351 Adv Prntmkng: Litho & Screen - Adv Prntmkng: Litho & Screen 3.0

ART353 Time-Based Art- Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take once* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take once* 1.0v

ART496R Academic Internship - Academic Internship - *You may take once* 0.5v

*Please note: Courses from Requirement 5 cannot double count for Requirement 4.*

**Requirement 5 — Complete 2 Requirements**

**Requirement 5.1 — Complete 3 Courses**

ACC200 Principles of Accounting - Principles of Accounting 3.0

ART340 Business Practices for Artists - App Creative/Critical Thinking 3.0

MKTG201 Marketing Management - Marketing Management 3.0

**Requirement 5.2 — Complete 1 of 4 Courses**

EXDM300 Creating a Good Life - Creating a Good Life 3.0

HRM300 Organizational Behavior - Organizational Behavior 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

MSB376 Social Impact: Leveraging Orgs - Social Impact: Leveraging Orgs 3.0

**Requirement 6 — Complete 1.5 hours**

ART395R Studio Seminar - Studio Seminar - *You may take three times* - 0.5

**Requirement 7 —Complete 1 Course**

ART490 BA Exit Portfolio - BA Exit Portfolio 1.0

based upon your hybrid track.

**Requirement 4 — Complete 3 Courses**

ARTHC201 World Civilization to 1500_ - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

DES390 Design Theory - Design Theory 3.0

**Requirement 5 — Complete 1 of 2 Options (based on your hybrid track):**

**Option 5.1 — Complete 2 Courses**

*Illustration + Graphic Design / Graphic Design + Illustration*

DESGD349 History of Graphic Desgn - History of Graphic Desgn 3.0

DESIL354 Survey of Illustration History - Survey of Illustration History 3.0

**Option 5.2 — Complete 2 Courses**

*Photo- and Lens-based Design + Graphic Design / Graphic Design + Photo- and Lens-based Design*

DESGD349 History of Graphic Desgn - History of Graphic Desgn 3.0

DESPH379 History of Photography - History of Photography 3.0

**Requirement 6 — Complete the following course twice:**

DES111R Design Lecture Series - Design Lecture Series - 0.5

**Requirement 7 — Complete 1 of 2 Options (based on your hybrid track):**

*COURSES COMPLETED ABOVE DO NOT DOUBLE COUNT TO FULFILL THE REQUIREMENT*

**Option 7.1 — Complete 15 hours**

*Illustration + Graphic Design / Graphic Design + Illustration*

DES280 Motion Concepts - Motion Concepts 3.0

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESGD248R Letterpress Studio - Letterpress Studio - *You may take once* 3.0

DESGD346R Practicum in Graphic Design - Practicum in Graphic Design - *You may take once* 3.0

DESIL130 Illustration Fundamentals - Illustration Fundamentals 3.0

DESIL140 Intro to Digital Illustration - Intro to Digital Illustration 2.0

DESIL240 Intermed. Digital Illustration - Intermed. Digital Illustration 3.0

**Option 7.2 — Complete 15 hours**

*Photo- and Lens-based Design + Graphic Design/ Graphic Design + Photo- and Lens-based Design*

DES280 Motion Concepts- Motion Concepts 3.0

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESPH120 Concept. Pract & Creative Expl - Intro to Digital Imaging 3.0

DESPH240 Lighting 1 - Lighting 1 3.0

DESPH260 Filmmaking 01 - Moving Image 1 3.0

DESPH276 Visual Storytelling - Visual Storytelling 3.0

**Requirement 8 — Complete 1 of 2 Options (based on your hybrid track):**

*COURSES COMPLETED ABOVE DO NOT DOUBLE COUNT TO FULFILL THE REQUIREMENT)*

**Option 8.1 — Complete 12 hours**

*Illustration + Graphic Design / Graphic Design + Illustration*

DES383 Analog Motion - Analog Motion 3.0

DES394R Special Topics - Special Topics - *You may take once* 3.0

DES480 3D Motion - 3D Motion 3.0

DESGD380 Motion Design - Motion Design 3.0

DESGD394R Special Topics - Special Topics - *You may take once* 3.0v

DESIL394R Special Topics - Special Topics - *You may take once* 3.0

**Option 8.2 — Complete 12 hours**

*Photo- and Lens-based Design + Graphic Design/ Graphic Design + Photo- and Lens-based Design*

DES394R Special Topics - Special Topics - *You may take once* 3.0

DES480 3D Motion - Interdisciplinary Motion 2 3.0

DESGD380 Motion Design - Motion Design 3.0

DESGD394R Special Topics - Special Topics - *You may take once* 3.0v

TMA241 Screenwriting 1 - Screenwriting 1 3.0

TMA277 New Media Conceptualization - New Media Conceptualization 3.0

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills - *You may take once* 1.0v

**Requirement 9 — Complete 1 Course**

DES498R Directed Studies - Directed Studies - *You may take once* 2.0

**Requirement 10 — Complete 1 of 4 Courses**

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MSB491R Topics in Social Impact - Topics in Social Impact - *You may take once* 1.0v

STDEV317 Job Search Strategies - Career Strategies 2.0

## 488051 - Art: Printmaking & Book Arts (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Printmaking & Book Arts | BA |

## 488052 - Art: Art & Technology (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Art & Technology | BA |

| Title | Learning Outcome |
| --- | --- |
| Visual Arts History, Concepts and Processes | Students will demonstrate a comprehension of fundamental concepts, processes, history and criticism of visual arts |
| Aesthetic Development | Students will develop a personal sensitivity to the aesthetics of visual art. |
| Spirituality, Ethics and the Visual Arts | Students will critically examine spiritual values and ethical issues relevant to art. |
| Career Development | Students will demonstrate an awareness of and preparation for traditional and interdisciplinary career opportunities. |
| Skill Development | Students will demonstrate competency in traditional, experimental and/or cross-disciplinary approaches to art making. |

Free Form Requirements

**Requirement 1 — Complete 3 Courses**

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

**Requirement 2 — Complete 7 Courses**

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals- Painting Fundamentals 3.0

ART216 Ceramics Fundamentals- Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 3.0

**Requirement 3 — Complete 3 Courses**

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

| Title | Learning Outcome |
| --- | --- |
| Visual Arts History, Concepts and Processes | Students will demonstrate a comprehension of fundamental concepts, processes, history and criticism of visual arts |
| Aesthetic Development | Students will develop a personal sensitivity to the aesthetics of visual art. |
| Spirituality, Ethics and the Visual Arts | Students will critically examine spiritual values and ethical issues relevant to art. |
| Career Development | Students will demonstrate an awareness of and preparation for traditional and interdisciplinary career opportunities. |
| Skill Development | Students will demonstrate competency in traditional, experimental and/or cross-disciplinary approaches to art making. |

Free Form Requirements

**Requirement 1 — Complete 3 Courses**

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

**Requirement 2 — Complete 7 Courses**

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals- Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 3.0

**Requirement 3 — Complete 3 Courses**

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

**Requirement 4 —Complete 9 hours**

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

12318-001 - Missing course - Materials of Painting. 3.0

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART332 Book Arts - Book Arts 3.0

ART333 Painting-Mixed Media - Painting-Mixed Media 3.0

ART350 Adv Prntmkg: Intag, Rel, Mono - Adv Prntmkg: Intag, Rel, Mono 3.0

ART351 Adv Prntmkng: Litho & Screen - Adv Prntmkng: Litho & Screen 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take once* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take once* 1.0v

ART496R Academic Internship - Academic Internship - *You may take once* 0.5v

*Please note: Courses from Requirement 5 cannot double count for Requirement 4.*

**Requirement 5 — Complete 4 Courses**

ART130 Bookbinding - Bookbinding 3.0

ART332 Book Arts - Book Arts 3.0

ART350 Adv Prntmkg: Intag, Rel, Mono - Adv Prntmkg: Intag, Rel, Mono 3.0

ART351 Adv Prntmkng: Litho & Screen - Adv Prntmkng: Litho & Screen 3.0

**Requirement 6 —Complete 1.5 hours**

ART395R Studio Seminar - Studio Seminar - *You may take three times* - 0.5

**Requirement 7 — Complete 1 Course**

ART490 BA Exit Portfolio - BA Exit Portfolio 1.0

**Requirement 4 — Complete 9 hours**

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

12318-001 - Missing course - Materials of Painting.3.0

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART332 Book Arts - Book Arts 3.0

ART333 Painting-Mixed Media - Painting-Mixed Media 3.0

ART350 Adv Prntmkg: Intag, Rel, Mono - Adv Prntmkg: Intag, Rel, Mono 3.0

ART351 Adv Prntmkng: Litho & Screen - Adv Prntmkng: Litho & Screen 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take once* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take once* 1.0v

ART496R Academic Internship - Academic Internship - *You may take once* 0.5v

*Please note: Courses from Requirement 5 cannot double count for Requirement 4.*

**Requirement 5 — Complete 4 Courses**

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART357 Digital 3D - Digital 3D 3.0

ART360 Advanced Photography - Advanced Photography 3.0

**Requirement 6 —Complete 1.5 hours**

ART395R Studio Seminar - Studio Seminar - *You may take three times* - 0.5

**Requirement 7 — Complete 1 Course**

ART490 BA Exit Portfolio - BA Exit Portfolio 1.0

## 552002 - Chinese (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Chinese | MIN |
| Variable Credit Min | Variable Credit Max |
| 17.5 | 42 |

**Free Form Requirements**

*Complete the following prerequisite courses: Chin 101, 102, 201, 202. (May be waived for students with previous language experience.)*

**Requirement 1 — Complete 3 Courses**

CHIN301 Advanced Mandarin - Advanced Mandarin 4.0

CHIN302 Advanced Mandarin - Advanced Mandarin 4.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

**Requirement 2 — Complete 1 of 2 Courses**

CHIN321 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN322 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

**Requirement 3 — Complete 1 of 3 Courses**

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

**Requirement 4 — Complete 1 Course**

CHIN311R Advanced Conversation - Advanced Conversation - *You may take once* 1.0v

CHIN321 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN322 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN325 Structure of Chinese - Structure of Chinese 3.0

CHIN326 Intro to Chinese Linguistics - Intro to Chinese Linguistics 3.0

CHIN327 Translation & Interpretation - Translation & Interpretation 3.0

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

CHIN346 Chinese Philosophy - Chinese Philosophy 3.0

CHIN347 Business Chinese - Business Chinese 3.0

CHIN377 Chin Lang Tchg Procedures - Chin Lang Tchg Procedures 3.0

CHIN399R Academic Internship - Academic Internship - *You may take once* 0.5v

CHIN411 Speaking & Listening Mastery - Speaking & Listening Mastery 2.0

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

## 552003 - Chinese Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Chinese Teaching | MIN |
| Variable Credit Min | Variable Credit Max |
| 27 | 43 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*Complete the following prerequisite courses: Chin 101, 102, 201, 202. (May be waived for students with previous language experience.)*

**Requirement 1 — Complete 5 Courses**

CHIN301 Advanced Mandarin - Advanced Mandarin 4.0

CHIN302 Advanced Mandarin - Advanced Mandarin 4.0

CHIN326 Intro to Chinese Linguistics - Intro to Chinese Linguistics 3.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

CHIN377 Chin Lang Tchg Procedures - Chin Lang Tchg Procedures 3.0

**Requirement 2 — Complete 1 of 2 Courses**

CHIN321 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN322 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

**Requirement 3 — Complete 1 of 2 Courses**

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

**Requirement 4 — Complete 1 Course**

CHIN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

CHIN445R Chinese Poetry - Chinese Poetry - *You may take once* 3.0

CHIN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

CHIN490R Individual Study in Chinese - Individual Study in Chinese - *You may take once* 0.5v

CHIN495 Senior Seminar for Majors - Senior Seminar for Majors 2.0

CHIN599R Academic Internship - Academic Internship - *You may take once* 0.5v

Before applying to student teach in the major, complete the Oral Proficiency Interview (OPI) examination with a minimum level of "Advanced-Low" in order to be granted Utah state licensure.

## 552004 - Japanese (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Japanese | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 19 | 35 |

**Free Form Requirements**

*Complete the following prerequisite courses: Japan 101, 102, 201, 202. (May be waived for students with previous language experience.)*

**Requirement 1 — Complete 6 Courses**

JAPAN301 Japanese Reading & Culture - Japanese Reading & Culture 4.0

JAPAN302 Readings in History & Culture - Readings in History & Culture 4.0

JAPAN 311R - Advanced Communication - *You may take once* 1.0v

JAPAN 321 - Advanced 1: Current Events 3.0

JAPAN 322 - Advanced Japanese: Modern Lit 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

## 552005 - Japanese Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Japanese Teaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 29 | 45 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*Complete the following prerequisite courses: Japan 101, 102, 201, 202. (May be waived for students with previous language experience.)*

**Requirement 1 — Complete 7 Courses**

JAPAN301 Japanese Reading & Culture - Japanese Reading & Culture 4.0

JAPAN302 Readings in History & Culture - Readings in History & Culture 4.0

JAPAN311R Advanced Communication - Advanced Communication - *You may take once* 1.0v

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

JAPAN322 Advanced Japanese: Modern Lit - Advanced Japanese: Modern Lit 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

JAPAN377 Language Teaching Procedures - Language Teaching Procedures 3.0

**Requirement 2 — Complete 1 of 2 Courses**

JAPAN325 Structure of Japanese - Structure of Japanese 3.0

JAPAN326 Japanese Language in Society - Japanese Language in Society 3.0

**Requirement 3 — Complete 1 Course**

JAPAN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

Before applying to student teach in the major, complete the Oral Proficiency Interview (OPI) examination with a minimum level of "Advanced-Low" in order to be granted Utah state licensure.

## 552006 - Korean (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Korean | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16.5 | 42 |

**Free Form Requirements**

*Complete the following prerequisite courses: Korea 101, 102, 201, 202. (May be waived for students with previous language experience.)*

**Requirement 1 — Complete 5 Courses**

KOREA301 Third-Year Korean 1 - Third-Year Korean 1 4.0

KOREA302 Third-Year Korean 2 - Third-Year Korean 2 4.0

KOREA321 Select Rdngs of Modern Korean - Select Rdngs of Modern Korean 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.0

**Requirement 2 — Complete 2 of 14 Courses**

KOREA311R Third-Year Conversation - Third-Year Conversation - *You may take once* 1.0v

KOREA315 Sino-Korean Character Workshop - Sino-Korean Character Workshop 3.0

KOREA325 Structure of Korean - Structure of Korean 3.0

KOREA343 Premodern Korean Lit in Trans - Premodern Korean Lit in Trans 3.0

KOREA344 Modern Korean Lit in Trans - Modern Korean Lit in Trans 3.0

KOREA345 Korean Culture - Korean Culture 3.0

KOREA346 North Korean Culture - North Korean Lang. & Culture 2.0

KOREA358R Korean Religions - Korean Religions - *You may take once* 3.0

KOREA399R Academic Internship - Academic Internship - *You may take once* 0.5v

KOREA401 Fourth-Year Korean 1 - Fourth-Year Korean 1 3.0

KOREA402 Fourth-Year Korean 2 - Fourth-Year Korean 2 3.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

MSB596R Business Language - Business Language - *You may take once* 3.0

## 552007 - Biblical Hebrew (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Biblical Hebrew | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 30 | 30 |

| Title | Learning Outcome |
|---|---|
| Biblical Hebrew Grammar | Comprehend Biblical Hebrew grammatical concepts based on standard first year grammars. (Direct 1 2; Indirect 1 2 3) |

| Title | Learning Outcome |
|---|---|
| Verbal System Analysis | Analyze and categorize the verbal system: pa'al piel hiphil hophal niphal pual and hithpael . (Direct 1 2; Indirect 1 2 3) |

| Title | Learning Outcome |
|---|---|
| Biblical Translation | Read and translate Biblical historical narrative texts with limited use of a lexicon. (Direct 1; Indirect 1 2 3) |

No Requirements

## 552008 - Modern Hebrew (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Modern Hebrew | MIN |
| **Variable Credit Min** | **Variable Credit Max** |

## 552020 - Chinese (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Chinese | BA |
| **Variable Credit Min** | **Variable Credit Max** |

| 22 | 30 |
|---|---|
| Title<br>Speaking | Learning Outcome<br>Speak Modern Hebrew in a culturally appropriate way in varied settings at the intermediate- high level. (Direct 2 Indirect 1 2) |
| Title<br>Reading Comprehension | Learning Outcome<br>Read and comprehend texts in Modern Hebrew at the intermediate-high level including newspapers and Modern Hebrew literature. (Direct 3 Indirect 1) |

**Free Form Requirements**

**Requirement 1 — Complete 2 Courses**

*Prerequisite courses:*

HEB101 1st-Year Modern Hebrew 1 - 1st-Year Modern Hebrew 1 4.0

HEB102 1st-Year Modern Hebrew 2 - 1st-Year Modern Hebrew 2 4.0

**Requirement 2 — Complete 5 Courses**

HEB131 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

HEB201 2nd-Year Modern Hebrew 1 - 2nd-Year Modern Hebrew 1 4.0

HEB202 2nd-Year Modern Hebrew 2 - 2nd-Year Modern Hebrew 2 4.0

HEB301 3rd-Year Modern Hebrew 1 - 3rd-Year Modern Hebrew 1 4.0

HEB311R Intermediate Conversation - Intermediate Conversation - *You may take once* 1.0v

**Requirement 3 — Complete 4 hours**

HEB132 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

HEB211R Hebrew Conversation - Hebrew Conversation - *You may take once* 2.0

HEB302 3rd-Year Modern Hebrew 2 - 3rd-Year Modern Hebrew 2 4.0

HEB312 Hebrew Media - Hebrew Media 2.0v

HEB314R Int. Hebrew Lang. Jerusalem - Int. Hebrew Lang. Jerusalem - *You may take once* 1.0v

HEB341R Studies in Hebrew Culture - Studies in Hebrew Culture - *You may take once* 2.0v

HEB346R Israeli & Jewish Civ. - Israeli & Jewish Civ. - *You may take once* 1.0v

HEB411R Advanced Conversation - Advanced Conversation - *You may take once* 1.0v

| 47 | 60 |
|---|---|

**Major Academic Plan**

MAP - BA in Chinese 2023-2024.pdf

| | |
|---|---|
| Title<br>Oral Proficiency (Speaking and Listening) | Learning Outcome<br>Speak and comprehend Mandarin Chinese at the ACTFL (American Council on the Teaching of Foreign Languages)Advanced-Mid level demonstrating both an ability to negotiate face-to-face interactions in linguistically socially and culturally appropriate ways (direct measures 1 and 7) and an ability to listen to and comprehend the main points of spoken Chinese including television and radio news broadcasts at an advanced level (direct measures 2 and 7). |
| Title<br>Reading and Writing Proficiency | Learning Outcome<br>Read a variety of formal and informal genres of writing at the ACTFL advanced-mid level (direct measure 3) and write notes correspondence and short essays at the ACTFL intermediate high level while demonstrating an awareness of literary Chinese writing conventions (direct measure 4). |
| Title<br>Analyze Chinese Culture, Literature and Language | Learning Outcome<br>Be able to analyze and discuss core aspects of Chinese civilization including classical Chinese language and literature, modern and contemporary Chinese literature and film, Chinese culture, and the Chinese language. (Direct Measures 5 and 6 and Indirect Measure 2) |

**Free Form Requirements**

*It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.*

**Requirement 1 — Complete 1 Course**

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

**Recommended Courses are not required to complete the program**

*Complete the following prerequisite courses: Chin 101, 102, 201. (May be waived for students with previous language experience.)*

CHIN101 Beginning Mandarin - Beginning Mandarin 4.0

CHIN102 Beginning Mandarin - Beginning Mandarin 4.0

CHIN201 Intermediate Mandarin - Intermediate Mandarin 4.0

**Requirement 2 — Complete 7 Courses**

CHIN202 Intermediate Mandarin - Intermediate Mandarin 4.0

CHIN301 Advanced Mandarin - Advanced Mandarin 4.0

CHIN302 Advanced Mandarin - Advanced Mandarin 4.0

CHIN321 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN322 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

CHIN495 Senior Seminar for Majors - Senior Seminar for Majors 2.0

**Requirement 3 — Complete 1 of 3 Courses**

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

**Requirement 4 — Complete 1 of 2 Courses**

CHIN325 Structure of Chinese - Structure of Chinese 3.0

CHIN326 Intro to Chinese Linguistics - Intro to Chinese Linguistics 3.0

**Requirement 5 — Complete 3 of 5 Courses**

CHIN411 Speaking & Listening Mastery - Speaking & Listening Mastery 2.0

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

**Requirement 6 — Complete 1 Requirement**

Complete 9 additional hours required from upper-division Chinese.

It is mandatory that students consult with their advisor to determine supporting courses appropriate to professional goals.

**Requirement 6.1 — Complete 9 hours**

CHIN311R Advanced Conversation - Advanced Conversation - *You may take once* 1.0v

CHIN325 Structure of Chinese - Structure of Chinese 3.0

CHIN326 Intro to Chinese Linguistics - Intro to Chinese Linguistics 3.0

CHIN327 Translation & Interpretation - Translation & Interpretation 3.0

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

CHIN346 Chinese Philosophy - Chinese Philosophy 3.0

CHIN347 Business Chinese - Business Chinese 3.0

CHIN377 Chin Lang Tchg Procedures - Chin Lang Tchg Procedures 3.0

CHIN399R Academic Internship - Academic Internship - *You may take once* 0.5v

CHIN411 Speaking & Listening Mastery - Speaking & Listening Mastery 2.0

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

CHIN445R Chinese Poetry - Chinese Poetry - *You may take once* 3.0

CHIN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

CHIN490R Individual Study in Chinese - Individual Study in Chinese - *You may take once* 0.5v

CHIN599R Academic Internship - Academic Internship - *You may take once* 0.5v

## 552021 - Japanese (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Japanese | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 44 | 60 |

**Major Academic Plan**
MAPS - BA in Japanese 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Oral Proficiency | Students will speak and act in Japanese in linguistically socially and culturally appropriate ways on a broad variety of topics in a wide range of settings. Students are expected to score at or above Intermediate High on the ACTFL Oral Proficiency Interview. |

| Title | Learning Outcome |
|---|---|
| Reading and writing proficiency | Students will read Japanese texts and interpret media in a variety of contexts with accuracy. Students are expected to score at least 80% on the BYU Reading Proficiency Test. |

## 552022 - Korean (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Korean | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 43 | 59 |

**Major Academic Plan**
MAPS - BA in Korean 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Korean History, Literature and | Literature and Culture Analyze and discuss important aspects of Korean history literature (modern and pre-modern) and culture. Read literature and non-fiction writings in both modern forms and pre-modern forms including use of Chinese characters at an elementary level. Learn to read original documents -- both for literature and historical writings. Understand the scope of Korea's cultural landscape including value systems as represented in the major religious traditions of Confucianism Buddhism and Shamanism. (Direct Measures 4 5 |

| | |
|---|---|
| Culture | 6). |

| | |
|---|---|
| Title<br>Cultural and linguistic proficiency | Learning Outcome<br>Students will analyze and discuss at an advanced level both in English and in Japanese salient features of Japanese culture including aspects of language literature thought religion aesthetics art and music. |

| | |
|---|---|
| Title<br>Speaking and Listening Proficiency | Learning Outcome<br>Speak and write in Korean proficiently in formal and informal settings at the ACTFL Advanced or Intermediate-High Level (Direct Measure 1). |

| | |
|---|---|
| Title<br>Reading and Writing Proficiency | Learning Outcome<br>Read hangul texts at the ACTFL Advanced or Indermediate level and write hangul texts at the ACTFL Intermediate High level or higher. Carry out research apply critical reasoning skills and write clearly and cohesively in translation and in original composition on Korean subjects. (Direct Measures 2 3) |

**Free Form Requirements**

*Students will be required to pass the reading proficiency exam (80% or higher) prior to enrollment in Japan 495.*

*Counsel with advisor to determine supporting courses appropriate to your professional goals.*

*It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.*

**Recommended Courses are not required to complete the program**

*Complete the following prerequisite courses: Japan 101, 102, 201, 202. (May be waived for students with previous language experience.)*

JAPAN101 1st-Year Japanese - 1st-Year Japanese 4.0

JAPAN102 1st-Year Japanese - 1st-Year Japanese 4.0

JAPAN201 Second-Year Japanese - Second-Year Japanese 4.0

JAPAN202 Second-Year Japanese - Second-Year Japanese 4.0

**Requirement 1 —Complete 11 Courses**

JAPAN301 Japanese Reading & Culture - Japanese Reading & Culture 4.0

JAPAN302 Readings in History & Culture - Readings in History & Culture 4.0

JAPAN311R Advanced Communication - Advanced Communication - *You may take once* 1.0v

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

JAPAN322 Advanced Japanese: Modern Lit - Advanced Japanese: Modern Lit 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

JAPAN411 Toward Superior Communication - Toward Superior Communication 2.0

JAPAN441 Intro to Classical Japanese - Intro to Classical Japanese 3.0

JAPAN443 Toward Superior Japanese 1 - Toward Superior Japanese 1 3.0

JAPAN444 Toward Superior Japanese: Lit - Toward Superior Japanese: Lit 3.0

JAPAN495 Senior Seminar - Senior Seminar 2.0

**Free Form Requirements**

*It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.*

**Recommended Courses are not required to complete the program**

*Complete the following prerequisite courses: Korea 101, 102, 201, 202. (May be waived for students with previous language experience.)*

KOREA101 First-Year Korean 1 - First-Year Korean 1 4.0

KOREA102 First-Year Korean 2 - First-Year Korean 2 4.0

KOREA201 Second-Year Korean 1 - Second-Year Korean 1 4.0

KOREA202 Second-Year Korean 2 - Second-Year Korean 2 4.0

**Requirement 1 —Complete 9 Courses**

KOREA301 Third-Year Korean 1 - Third-Year Korean 1 4.0

KOREA302 Third-Year Korean 2 - Third-Year Korean 2 4.0

KOREA321 Select Rdngs of Modern Korean - Select Rdngs of Modern Korean 3.0

KOREA325 Structure of Korean - Structure of Korean 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA401 Fourth-Year Korean 1 - Fourth-Year Korean 1 3.0

KOREA402 Fourth-Year Korean 2 - Fourth-Year Korean 2 3.0

KOREA491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.0

JAPAN495 Senior Seminar - Senior Seminar 2.0

**Requirement 2 —Complete 1 of 2 Courses**

JAPAN325 Structure of Japanese - Structure of Japanese 3.0

JAPAN326 Japanese Language in Society - Japanese Language in Society 3.0

**Requirement 3 —Complete 1 of 3 Courses**

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

**Requirement 4 —Complete 1 Requirement**

**Requirement 4.1 —Complete 6 hours**

JAPAN325 Structure of Japanese - Structure of Japanese 3.0

JAPAN326 Japanese Language in Society - Japanese Language in Society 3.0

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

JAPAN377 Language Teaching Procedures - Language Teaching Procedures 3.0

JAPAN390 Japanese Business Language - Japanese Business Language 3.0

Additionally, one of the following may be counted toward the 6 required hours of electives: Hist 343, Hist 344, Poli 354, Poli 386.

**Recommended Courses are not required to complete the program**

*It is recommended that students complete Engl 311 or similar courses before enrolling in advanced literature courses.*

WRTG311 Writing abt Art & Humanities - Writing abt Art & Humanities 3.0

KOREA495 Senior Seminar - Senior Seminar 2.0

**Requirement 2 —Complete 1 of 2 Courses**

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

**Requirement 3 —Complete 1 of 2 Courses**

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

**Requirement 4 —Complete 12 hours**

KOREA311R Third-Year Conversation - Third-Year Conversation - *You may take up to 6.0 credit hours* 1.0v

KOREA315 Sino-Korean Character Workshop - Sino-Korean Character Workshop 3.0

KOREA343 Premodern Korean Lit in Trans - Premodern Korean Lit in Trans 3.0

KOREA344 Modern Korean Lit in Trans - Modern Korean Lit in Trans 3.0

KOREA345 Korean Culture - Korean Culture 3.0

KOREA346 North Korean Culture - North Korean Lang. & Culture 2.0

KOREA358R Korean Religions - Korean Religions - *You may take once* 3.0

KOREA377 Korean Lang Tchg Methods - Korean Lang Tchg Methods 3.0

KOREA399R Academic Internship - Academic Internship - *You may take up to 6.0 credit hours* 0.5v

KOREA490R Individual Study in Korean - Individual Study in Korean - *You may take up to 6.0 credit hours* 0.5v

## 552027 - Arabic (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Arabic | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 31.5 | 35 |

**Free Form Requirements**

**Requirement 1 — Complete 1 Requirement**

*Prerequisite courses:*

**Requirement 1.1 — Complete 4 Courses**

ARAB101 1st-Year Arabic - 1st-Year Arabic 4.0

## 552028 - Arabic Language (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Arabic Language | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 43 | 51 |

**Major Academic Plan**

MAP - BA in Arabic Language 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Critical Reasoning | Demonstrate rigorous deductive and inductive reasoning in assessing arguments and evidence |

ARAB102 1st-Year Arabic - 1st-Year Arabic 4.0

ARAB201 2nd-Year Arabic - 2nd-Year Arabic 4.0

ARAB202 Intermediate Arabic - Intermediate Arabic 4.0

Note: Prerequisite courses may be waived by previous language experience.

**Requirement 2 — Complete 2 Requirements**

**Requirement 2.1 — Complete 4 Courses**

*Complete the following (normally as part of a BYU Semester Abroad program):*

ARAB211R 2nd-Year Conversation - 2nd-Year Conversation - *You may take once* 2.0

ARAB300 Adv Modern Standard Arabic - Adv Modern Standard Arabic 4.0

ARAB302 Newspaper Arabic - Newspaper Arabic 4.0

ARAB311R 3rd-Year Conversation - 3rd-Year Conversation - *You may take once* 1.0v

**Requirement 2.2 — Complete 1 of 8 Courses**

*And complete one additional Arabic language course:*

ARAB331 Spoken Arabic - Egyptian - Spoken Arabic - Egyptian 4.0

ARAB421R 4th-Yr Arabic Writing Tutorial - 4th-Yr Arabic Writing Tutorial - *You may take once* 2.0

ARAB422R Advanced Spoken Arabic - Advanced Spoken Arabic - *You may take once* 2.0

ARAB423R Current Events in Arabic - Current Events in Arabic - *You may take once* 2.0

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take once* 2.0

ARAB425R Classical Arabic Texts - Classical Arabic Texts - *You may take once* 2.0

ARAB426R Advanced Arabic Grammar - Advanced Arabic Grammar - *You may take once* 2.0

ARAB490R Independent Readings - Independent Readings - *You may take once* 0.5v

**Requirement 3 — Complete 1 Course**

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

| Title | Learning Outcome |
|---|---|
| Analytical and Persuasive Writing | Write clearly, logically, and persuasively in both short and long formats |

| Title | Learning Outcome |
|---|---|
| Oral Communication | Verbally present clear, logical, and persuasive arguments and engage in effective dialogues with others |

| Title | Learning Outcome |
|---|---|
| Research Design and Practice | Use appropriate disciplinary methods to answer relevant questions through effective research design and original research |

| Title | Learning Outcome |
|---|---|
| International and Regional Understanding | Understand the historical, literary, religious, geographic, social, and political contexts of the modern Middle East and its relationship to other world regions |

| Title | Learning Outcome |
|---|---|
| Arabic Language Comprehension | Understand contemporary written and oral Arabic language sources at the ACTFL advanced level |

| Title | Learning Outcome |
|---|---|
| Arabic Language Communication | Speak and write Arabic at the ACTFL advanced level |

| Title | Learning Outcome |
|---|---|
| Cultural Proficiency and Appreciation | Effectively navigate the cultures of the Middle East with curiosity, empathy, and respect |

| Title | Learning Outcome |
|---|---|
| Professional Preparation | Demonstrate skills of resilience, collaboration, and leadership in preparation for a future career |

Free Form Requirements

**Requirement 1 —Complete 4 Courses**

ARAB101 1st-Year Arabic - 1st-Year Arabic 4.0

ARAB102 1st-Year Arabic - 1st-Year Arabic 4.0

ARAB201 2nd-Year Arabic - 2nd-Year Arabic 4.0

ARAB202 Intermediate Arabic - Intermediate Arabic 4.0

**Requirement 2 —Complete 1 Course**

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

**Requirement 3 —Complete 5 Courses**

*Complete as part of a BYU Semester Abroad program:*

ARAB211R 2nd-Year Conversation - 2nd-Year Conversation - *You may take once* 2.0

ARAB300 Adv Modern Standard Arabic - Adv Modern Standard Arabic 4.0

ARAB302 Newspaper Arabic - Newspaper Arabic 4.0

ARAB311R 3rd-Year Conversation - 3rd-Year Conversation - *You may take once* 1.0v

ARAB331 Spoken Arabic - Egyptian - Spoken Arabic - Egyptian 4.0

**Requirement 4 —Complete 2 of 6 Courses**

*Complete after consultation with a faculty advisor:*

ARAB421R 4th-Yr Arabic Writing Tutorial - 4th-Yr Arabic Writing Tutorial - *You may take 2 times* 2.0

ARAB422R Advanced Spoken Arabic - Advanced Spoken Arabic - *You may take 2 times* 2.0

ARAB423R Current Events in Arabic - Current Events in Arabic - *You may take 2 times* 2.0

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take 2 times* 2.0

ARAB425R Classical Arabic Texts - Classical Arabic Texts - *You may take 2 times* 2.0

ARAB426R Advanced Arabic Grammar - Advanced Arabic Grammar - *You may take 2 times* 2.0

**Requirement 5 —Complete 4 Courses**

*Take each course twice (once in Winter Semester and once in Spring/Summer terms):*

ARAB411R Adv Formal Arabic Conversation - Adv Formal Arabic Conversation - *You may take 2 times* 1.0v

ARAB495R Directed Studies in Arabic - Directed Studies in Arabic - *You may take 2 times* 1.0v

*Take the ACTFL Speaking and Reading test during the last registration of Arab 495R and achieve a minimum score of ADVANCED-MID.*

## 552501 - Scandinavian Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Scandinavian Studies | MIN |
| **Variable Credit Min** | **Variable Credit Max** |

## 553203 - English (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| English | MIN |
| **Variable Credit Min** | **Variable Credit Max** |

| 15 | 31 |
|---|---|
| Title<br>Scandinavian Language Proficiency | Learning Outcome<br>Progress toward advanced-level proficiency in Danish Icelandic Norwegian or Swedish (or intermediate-level proficiency in Finnish) in writing speaking and listening in a variety of living as well as professional contexts and reading various text types (newspapers literature college-level texts etc.) with a strong level of comprehension. |
| Title<br>Nordic Literature | Learning Outcome<br>Culture and History Learn to recognize and critically reflect upon key dimensions of Nordic literature art society culture and history with an emphasis on appreciating these cultures' artistic production and intellectual histories. |
| Title<br>Effective Writing and Analytic Competence | Learning Outcome<br>Learn to use writing as a process of discovery by composing essays that demonstrate mature analytic thought the orderly development of ideas and vigorous argument. |
| Title<br>Lifelong Learning | Learning Outcome<br>Develop a lifelong appreciation of Nordic cultures as well as literature while developing attitudes and habits of thought and study that encourage lifelong learning and continued contact with the informed study of Nordic culture. |

Free Form Requirements

*Complete the prerequisite courses for one of the languages listed below or have equivalent experience.*

**Requirement 1 — Complete 1 of 5 Courses**

DANSH321 Advanced Danish - Advanced Danish 3.0

FINN321 Third-Year Finnish - Third-Year Finnish 3.0

ICLND202 2nd Year Icelandic - 2nd Year Icelandic 4.0

NORWE321 Advanced Norwegian - Advanced Norwegian 3.0

SWED321 Advanced Swedish - Advanced Swedish 3.0

**Requirement 2 — Complete 1 of 5 Courses**

DANSH340 Danish Literature - Danish Literature 3.0

| 18 | 18 |
|---|---|

Free Form Requirements

**Requirement 1 — Complete 2 Courses**

ENGL203 Ways of Reading - Ways of Reading 3.0

ENGL303 Writing Literary Criticism - Writing Literary Criticism 3.0

**Requirement 2 — Complete 12 hours**

*Note: Students should take the corresponding Literary History course (ENGL 291, 292, 293, or 294) prior to the corresponding period course (ENGL 369R, 370R, 386R, 387R, 388R, 389R), as indicated by the course prerequisites.*

ENGL218 Creative Writing - Creative Writing 3.0

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

ENGL294 Transatlantic Literary History - Transatlantic Literary History 6.0

ENGL300R Brit Liter in Cultural Setting - Brit Liter in Cultural Setting - *You may take once* 0.5v

ENGL302 Writing with Style - Writing with Style 3.0

ENGL306 Travel Writing - Travel Writing 3.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

ENGL318R Writing Fiction - Writing Fiction - *You may take once* 3.0

ENGL319R Writing Poetry - Writing Poetry - *You may take once* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take once* 3.0

ENGL321R English Dept Reading Series - English Dept Reading Series - *You may take once* 1.0

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL323 Professional Writing - Professional Writing 3.0

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

ENGL328R Studies in Composing - Studies in Composing - *You may take once* 3.0

ENGL335 Professional Speaking - Professional Speaking 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL338 Literary Studies of the Bible - Literary Studies of the Bible 3.0

ENGL340 Book and Publishing History - Book and Publishing History 3.0

ENGL344R Digital and Visual Literacies - Digital and Visual Literacies - *You may take once* 3.0

ENGL345 Literature & Film - Literature & Film 3.0

ENGL355 Classics & the Engl Tradition - Classics & the Engl Tradition 3.0

FINN340 Finnish Literature - Finnish Literature 3.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

NORWE340 Norwegian Literature - Norwegian Literature 3.0

SWED340 Swedish Literature - Swedish Literature 3.0

**Requirement 3 — Complete 1 Course**

SCAND430 Cultural Hist of Scandinavia - Cultural Hist of Scandinavia 3.0

**Requirement 4 — Complete 6 hours**

DANSH340 Danish Literature - Danish Literature 3.0

DANSH399R Academic Internship - Academic Internship - *You may take once* 3.0

FINN340 Finnish Literature - Finnish Literature 3.0

FINN399R Academic Internship - Academic Internship - *You may take once* 3.0

HIST285 Scandinavian Family History - Scandinavian Family History 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

ICLND399R Academic Internship - Academic Internship - *You may take once* 3.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

NORWE340 Norwegian Literature - Norwegian Literature 3.0

NORWE399R Academic Internship - Academic Internship - *You may take once* 3.0

SCAND217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

SCAND325R Scandinavian Choir - Scandinavian Choir - *You may take 3 times* 1.0

SCAND332 Cultural Hist. of the Vikings - Cultural Hist. of the Vikings 3.0

SCAND337 Works of H C Andersen - Works of H C Andersen 3.0

SCAND344R Topics in Scandinavian Studies - Topics in Scandinavian Studies - *You may take once* 3.0

SCAND377 Mthds Tchg Nordic Languages - Mthds Tchg Nordic Languages 3.0

SCAND429 Old Norse - Old Norse 3.0

SCAND490R Sem in Scandinavian Studies - Sem in Scandinavian Studies - *You may take 2 times* 0.5v

SCAND491R Directed Readings in Scand - Directed Readings in Scand - *You may take once* 0.5v

SWED340 Swedish Literature - Swedish Literature 3.0

SWED399R Academic Internship - Academic Internship - *You may take once* 3.0

*-- Scand 429 may not be taken by students who have had Iclnd 429.*

*-- A literature course taken in the first section above will not double*

ENGL355 Classics & the Engl Tradition - Classics & the Engl Tradition 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

ENGL357R Literature, Ethics, and Values - Literature, Ethics, and Values - *You may take once* 3.0

ENGL367R American Regional Literature - American Regional Literature - *You may take once* 3.0

ENGL368 Lit of the Latter-day Saints - Lit of the Latter-day Saints 3.0

ENGL369R Transnational Lit before 1800 - Transnational Lit before 1800 - *You may take once* 3.0

ENGL370R Transnational Lit after 1800 - Transnational Lit after 1800 - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL387R British Literature after 1800 - British Literature after 1800 - *You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL391 Introduction to Folklore - Introduction to Folklore 3.0

ENGL392 American Folklore - American Folklore 3.0

ENGL395R Studies in Literature - Studies in Literature - *You may take once* 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

ENGL397R World Literatures in English - World Literatures in English - *You may take once* 3.0

*count in this section.*

*-- Students who choose Danish, Norwegian, or Swedish courses from the first section above may substitute two semesters of Finnish.*

## 553204 - English Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| English Teaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 34 | 34 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. For questions about these requirements, contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 1 Course**

*Prerequisite course:*

ENGL203 Ways of Reading - Ways of Reading 3.0

**Requirement 2 — Complete 8 Courses**

ENGL232 Shakespeare - Shakespeare 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

ENGL329 Tchg Grammar & Usage - Tchg Grammar & Usage 3.0

ENGL377 Tchg English in Secndry Schls - Tchg English in Secndry Schls 3.0

ENGL378 Teaching Literature & Reading - Teaching Literature & Reading 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

ENGL423 Tchg Composition in Sec Schl - Tchg Composition in Sec Schl 3.0

**Requirement 3 — Complete 1 of 3 Courses**

*ENGL 337R topic must be Short Story, Studies in Non‐fiction, or Studies in Poetry.*

## 553205 - Professional Writing and Communication (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Professional Writing and Communication | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 18 |

| Title | Learning Outcome |
|---|---|
| Composing and Presentational Skills in a Wide Variety of Publications | Students will apply effective communication and interpretation skills in a wide variety of genres using multiple modes of discourse to influence a variety of audiences. |

| Title | Learning Outcome |
|---|---|
| Grammar and Style | Students will apply grammatical and stylistic principles to analyze, imitate, and create effective discourse in a variety of situations. |

| Title | Learning Outcome |
|---|---|
| History, Theory, and Criticism | Students will explain, evaluate, and compare foundational concepts from rhetorical theory throughout history. |

**Free Form Requirements**

**Requirement 1 — Complete 3 Courses**

ENGL302 Writing with Style - Writing with Style 3.0

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL494 Prof Wrtg and Comm Sr Capstone- Prof Wrtg and Comm Sr Capstone 3.0

**Requirement 2 — Complete 9 hours**

*Note: ENGL 394R and 399R must be a rhetoric- or writing-related topic.*

ENGL211 Rhetoric & Civilization 1 - Rhetoric & Civilization 1 3.0

ENGL212 Rhetoric & Civilization 2 - Rhetoric & Civilization 2 3.0

ENGL323 Professional Writing - Professional Writing 3.0

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

ENGL235 Studies in American Literature - Studies in American Literature 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

**Requirement 4 — Complete 1 Course**

ENGL477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

ENGL328R Studies in Composing - Studies in Composing - *You may take once* 3.0

ENGL335 Professional Speaking - Professional Speaking 3.0

ENGL394R Applied English - Applied English - *You may take once* 3.0

ENGL399R Academic Internship - Academic Internship - *You may take once* 0.5v

## 553206 - Creative Writing (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Creative Writing | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 19 | 19 |

**Free Form Requirements**

*Note: English majors in the creative-writing track cannot also pursue a creative writing minor. English majors in a non-creative-writing track may count up to 9 credits of their Creative Writing minor coursework toward English major requirements. Non--English major students are strongly encouraged to take ENGL 303 and at least one additional 300-level English literature seminar. See the English Department for further information.*

**Requirement 1 — Complete 2 Courses**

ENGL218 Creative Writing - Creative Writing 3.0

ENGL321R English Dept Reading Series - English Dept Reading Series - *You may take once* 1.0

**Requirement 2 — Complete 2 of 10 Courses**

ENGL201 Masterpieces of World Lit 1 - Masterpieces of World Lit 1 3.0

ENGL202 Masterpieces of World Lit 2 - Masterpieces of World Lit 2 3.0

ENGL230 Studies in Literature - Studies in Literature 3.0

ENGL232 Shakespeare - Shakespeare 3.0

ENGL235 Studies in American Literature - Studies in American Literature 3.0

ENGL236 Studies in British Literature - Studies in British Literature 3.0

ENGL238 The Bible as Literature - The Bible as Literature 3.0

ENGL268 Literature of the LDS - Literature of the LDS 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

**Requirement 3 — Complete 2 of 5 Courses**

ENGL306 Travel Writing - Travel Writing 3.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take 2 times* 3.0

ENGL318R Writing Fiction - Writing Fiction - *You may take 2 times* 3.0

## 553220 - English (BA)

### Program Information

| Program Title | Degree |
|---|---|
| English | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 51 | 51 |

**Major Academic Plan**

MAP - BA in English 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Interpretive and Communicative Skills | English graduates employ critical reading strategies disciplinary writing expertise and sophisticated analytical skills in their written and oral communication. |

| Title | Learning Outcome |
|---|---|
| Interpretive and Communicative Applications | English graduates translate the skills of the humanistic tradition including critical inquiry scholarly research communication and creativity to professional environments and narrate the value of these skills to prospective employers. |

| Title | Learning Outcome |
|---|---|
| Interpretive and Communicative Contexts | English graduates know how to trace the development of literary traditions investigate authors and differentiate genres and they know how to discuss disciplinary methodologies and scholarly conversations; they use these contexts to frame their written oral and visual work. |

| | Learning Outcome |
|---|---|
| | English graduates embrace literature and writing as sources of wisdom spiritual insight and aesthetic pleasure; as mediums for encountering and reflecting |

ENGL319R Writing Poetry - Writing Poetry - *You may take 2 times* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take 2 times* 3.0

**Requirement 4 — Complete 1 of 3 Courses**

ENGL417 Creative Wrtg Cap: Nonfiction - Creative Wrtg Cap: Nonfiction 3.0

ENGL418 Creative Wrtg Cap: Fiction - Creative Wrtg Cap: Fiction 3.0

ENGL419 Creative Wrtg Cap: Poetry - Creative Wrtg Cap: Poetry 3.0

| Title | |
|---|---|
| Interpretive and Communicative Ethics | for encountering and reflecting upon the diversity of human experience; and as guides for building relation and discerning value. |

**Free Form Requirements**

*Students are strongly encouraged to take a freshman college-level writing course (WRTG 150), regardless of their AP test scores.*

**Requirement 1 —Complete 3 Courses**

*Note: Students must complete ENGL 203 before taking ENGL 303 and must complete ENGL 303 before taking most 300- and 400-level courses.*

ENGL203 Ways of Reading - Ways of Reading 3.0

ENGL302 Writing with Style - Writing with Style 3.0

ENGL303 Writing Literary Criticism - Writing Literary Criticism 3.0

**Requirement 2 —Complete 1 of 2 Options**

**Option 2.1 —Complete 3 Courses**

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

**Option 2.2 —Complete 2 Courses**

*Note: Students must complete ENGL 203 before or concurrently with the literary history requirement: ENGL 291-294. Students must complete the literary history course in a period before taking any 300-level courses in that period as follows: ENGL 291 for ENGL 331R, 369R, 386R ENGL 292 for ENGL 332R, 370R, 387R ENGL 293 for ENGL 331R, 332R, 369R, 370R, 388R, 389R*

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL294 Transatlantic Literary History - Transatlantic Literary History 6.0

**Requirement 3 —Complete 2 Requirements**

**Requirement 3.1 —Complete 1 of 3 Courses**

ENGL369R Transnational Lit before 1800 - Transnational Lit before 1800 - *You may take once* 3.0

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

**Requirement 3.2 —Complete 1 of 3 Courses**

ENGL370R Transnational Lit after 1800 - Transnational Lit after 1800 - *You may take once* 3.0

ENGL387R British Literature after 1800 - British Literature after 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

**Requirement 4 —Complete 1 of 4 Options**

*Complete 1 Track Option*

**Option 4.1 —Complete 5 Courses**

**Option 4.1 —Complete 5 Courses**

*Literary Studies Track*

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL357R Literature, Ethics, and Values - Literature, Ethics, and Values - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL450R Studies in Lit Crit and Theory - Studies in Lit Crit and Theory - *You may take once* 3.0

ENGL495 Senior Capstone - Senior Capstone 3.0

**Option 4.2 —Complete 5 Requirements**

*Literary Media and Cultures Track*

**Requirement 4.2.1 —Complete 1 of 4 Courses**

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL340 Book and Publishing History - Book and Publishing History 3.0

ENGL345 Literature & Film - Literature & Film 3.0

ENGL391 Introduction to Folklore - Introduction to Folklore 3.0

**Requirement 4.2.2 —Complete 1 of 2 Courses**

ENGL331R Media and Pop Lit before 1800 - Media and Pop Lit before 1800 - *You may take once* 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

**Requirement 4.2.3 —Complete 1 of 2 Courses**

ENGL332R Media and Pop Lit after 1800 - Media and Pop Lit after 1800 - *You may take once* 3.0

ENGL392 American Folklore - American Folklore 3.0

**Requirement 4.2.4 —Complete 1 of 5 Courses**

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

ENGL335 Professional Speaking - Professional Speaking 3.0

ENGL344R Digital and Visual Literacies - Digital and Visual Literacies - *You may take once* 3.0

**Requirement 4.2.5 —Complete 1 of 2 Courses**

ENGL494 Prof Wrtg and Comm Sr Capstone - Prof Wrtg and Comm Sr Capstone 3.0

ENGL495 Senior Capstone - Senior Capstone 3.0

**Option 4.3 —Complete 3 Requirements**

*Professional Writing and Communication Track*

**Requirement 4.3.1 —Complete 2 Courses**

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL323 Professional Writing - Professional Writing 3.0

**Requirement 4.3.2 —Complete 2 of 5 Courses**

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

ENGL328R Studies in Composing - Studies in Composing - *You may take once* 3.0

ENGL335 Professional Speaking - Professional Speaking 3.0

**Requirement 4.3.3 —Complete 1 Course**

ENGL494 Prof Wrtg and Comm Sr Capstone - Prof Wrtg and Comm Sr Capstone 3.0

**Option 4.4 —Complete 4 Requirements**

*Creative Writing Track*

**Requirement 4.4.1 —Complete 1 Course**

ENGL218 Creative Writing - Creative Writing 3.0

**Requirement 4.4.2 —Complete 1 of 2 Courses**

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

**Requirement 4.4.3 —Complete 2 of 4 Courses**

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take twice* 3.0

ENGL318R Writing Fiction - Writing Fiction - *You may take twice* 3.0

ENGL319R Writing Poetry - Writing Poetry - *You may take twice* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take twice* 3.0

**Requirement 4.4.4 —Complete 1 of 3 Courses**

ENGL417 Creative Wrtg Cap: Nonfiction - Creative Wrtg Cap: Nonfiction 3.0

ENGL418 Creative Wrtg Cap: Fiction - Creative Wrtg Cap: Fiction 3.0

ENGL419 Creative Wrtg Cap: Poetry - Creative Wrtg Cap: Poetry 3.0

**Requirement 5 —Complete 3 hours**

*Complete one English+ course or an equivalent course. Contact the department internship coordinator for more information. Note: If ENGL 399R is taken, 3 credit hours are required.*

ENGL394R Applied English - Applied English - *You may take once* 3.0

ENGL399R Academic Internship - Academic Internship - *You may take once* 0.5v

**Requirement 6 —Complete 9 hours**

*Complete 9 elective hours from any of the following courses. Double counting of courses used to fill previous requirements is not allowed.*

**Option 6.1 —Complete at least 3 hours up to 9 hours**

ENGL218 Creative Writing - Creative Writing 3.0

ENGL300R Brit Liter in Cultural Setting - Brit Liter in Cultural Setting -

*You may take once* 0.5v

ENGL306 Travel Writing - Travel Writing 3.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

ENGL318R Writing Fiction - Writing Fiction - *You may take once* 3.0

ENGL319R Writing Poetry - Writing Poetry - *You may take once* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take once* 3.0

ENGL321R English Dept Reading Series - English Dept Reading Series - *You may take once* 1.0

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL323 Professional Writing - Professional Writing 3.0

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

ENGL328R Studies in Composing - Studies in Composing - *You may take once* 3.0

ENGL331R Media and Pop Lit before 1800 - Media and Pop Lit before 1800 - *You may take once* 3.0

ENGL332R Media and Pop Lit after 1800 - Media and Pop Lit after 1800 - *You may take once* 3.0

ENGL335 Professional Speaking - Professional Speaking 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL338 Literary Studies of the Bible - Literary Studies of the Bible 3.0

ENGL340 Book and Publishing History - Book and Publishing History 3.0

ENGL344R Digital and Visual Literacies - Digital and Visual Literacies - *You may take once* 3.0

ENGL345 Literature & Film - Literature & Film 3.0

ENGL355 Classics & the Engl Tradition - Classics & the Engl Tradition 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

ENGL357R Literature, Ethics, and Values - Literature, Ethics, and Values - *You may take once* 3.0

ENGL367R American Regional Literature - American Regional Literature - *You may take once* 3.0

ENGL368 Lit of the Latter-day Saints - Lit of the Latter-day Saints 3.0

ENGL369R Transnational Lit before 1800 - Transnational Lit before 1800 - *You may take once* 3.0

ENGL370R Transnational Lit after 1800 - Transnational Lit after 1800 - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL387R British Literature after 1800 - British Literature after 1800 -

*You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL391 Introduction to Folklore - Introduction to Folklore 3.0

ENGL392 American Folklore - American Folklore 3.0

ENGL395R Studies in Literature - Studies in Literature - *You may take once* 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

ENGL397R World Literatures in English - World Literatures in English - *You may take once* 3.0

ENGL417 Creative Wrtg Cap: Nonfiction - Creative Wrtg Cap: Nonfiction 3.0

ENGL418 Creative Wrtg Cap: Fiction - Creative Wrtg Cap: Fiction 3.0

ENGL419 Creative Wrtg Cap: Poetry - Creative Wrtg Cap: Poetry 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

ENGL450R Studies in Lit Crit and Theory - Studies in Lit Crit and Theory - *You may take once* 3.0

ENGL480R Directed Research in English - Directed Research in English - *You may take once* 1.0v

ENGL490R Individual Readings in English - Individual Readings in English - *You may take once* 0.5v

ENGL494 Prof Wrtg and Comm Sr Capstone - Prof Wrtg and Comm Sr Capstone 3.0

ENGL495 Senior Capstone - Senior Capstone 3.0

**Option 6.2 —Complete up to 3 hours**

WRTG311 Writing abt Art & Humanities - Writing abt Art & Humanities 3.0

WRTG312 Persuasive Writing - Persuasive Writing 3.0

WRTG313 Expository Writing for El Ed - Expository Writing for El Ed 3.0

WRTG315 Writing in the Social Sciences - Writing in the Social Sciences 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Option 6.3 —Complete up to 3 hours**

ELANG 322 - Modern American Usage 3.0

ELANG 324 - Hist of the English Language 3.0

ELANG 325 - Grammar of English 3.0

ELANG 350 - Basic Editing Skills 3.0

ELANG 410R - Genre & Substantive Editing - *You may take once* 3.0

ELANG 430R - Editing for Publication - *You may take once* 3.0

ELANG 525 - Old English 1 3.0

ELANG 526 - Middle English 3.0

## 553221 - English Teaching (BA)

### Program Information

**Program Title**
English Teaching

**Degree**
BA

**Variable Credit Min**
76

**Variable Credit Max**
76

**Major Academic Plan**
MAPS - BA in English Teaching 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Competency in English Language and Literature | English teaching majors are required to meet all program and course outcomes for the English BA, and they demonstrate their disciplinary competency by taking one of the national standardized Praxis exams: "English Language Arts: Content and Analysis" or "English Language Arts: Content Knowledge." |

| Title | Learning Outcome |
|---|---|
| Instructional Design and Reflection for Improvement | English Teaching graduates will be able to design and implement several weeks of instruction, write complete lesson plans for delivering that instruction, and reflect in writing on the effectiveness of their plans and delivered instruction. These plans will reflect sound pedagogical understanding (including strong objectives, appropriate measures of learning, and learning activities that are meaningful and adapted to the needs of diverse students). |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. For questions about these requirements, contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see*

## 553228 - General Studies: English (BGS)

### Program Information

**Program Title**
General Studies: English (BGS)

**Degree**
BGS

**Variable Credit Min**
33

**Variable Credit Max**
33

**Major Academic Plan**
MAPS - BGS in General Studies - English 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| BGS Learning Outcomes - Aims of a BYU Education | Reflect on and describe how their coursework in the BGS program has contributed to the aims of a BYU education: - Spiritually strengthening - Character building - Intellectually enlarging - Preparing for lifelong learning and service. |

| Title | Learning Outcome |
|---|---|
| Interpretive and Communicative Skills | English BGS graduates will develop and demonstrate critical reading strategies professional writing expertise and sophisticated analytical skills. |

| Title | Learning Outcome |
|---|---|
| Interpretive and Communicative Ethics | English graduates will embrace literature as a source of wisdom spiritual insight and aesthetic pleasure; as a medium for encountering and reflecting upon the diversity of human experience; and as a guide for building relationships and discerning value. |

| Title | Learning Outcome |
|---|---|
| Interpretive and Communicative Contexts | English graduates will explore the development of literary traditions and genres as well as become familiar with the critical methodologies and scholarly conversations in the discipline; they will engage with these contexts in their written oral and visual work. |

**Free Form Requirements**

*Have 27 hours of campus residency.*

*Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.*

*Thirty of the 120 hours including 15 hours in the emphasis must be 300-level or above courses.*

*Educator Preparation Program Requirements in the Undergraduate Catalog.*

*Students are strongly encouraged to take a freshman college‐level writing course (WRTG 150), regardless of their AP test scores. ENGL 276R is prerequisite to ENGL 329, 377, 378, 379, 423, and 426. All are prerequisite to ENGL 476R or ENGL 496R.*

**Requirement 1 —Complete 2 Requirements**

*Core Courses*

**Requirement 1.1 —Complete 4 Courses**

*Note: Students must complete ENGL 203 before taking ENGL 303 and must complete ENGL 303 before taking most 300 and 400 level courses. Note: ENGL 348R topic must be Shakespeare.*

ENGL203 Ways of Reading - Ways of Reading 3.0

ENGL303 Writing Literary Criticism - Writing Literary Criticism 3.0

ENGL382 Shakespeare - Shakespeare 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

**Requirement 1.2 —Complete 1 of 2 Courses**

ENGL494 Prof Wrtg and Comm Sr Capstone - Prof Wrtg and Comm Sr Capstone 3.0

ENGL495 Senior Capstone - Senior Capstone 3.0

**Requirement 2 —Complete 1 of 2 Options**

*Literary History Survey*

**Option 2.1 —Complete 3 Courses**

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

**Option 2.2 —Complete 2 Courses**

*Note: Students must complete ENGL 203 before or concurrently with the literary history requirement: ENGL 291‐294. Students must complete the literary history course in a period before taking any 300 level courses in that period as follows: ENGL 291 for ENGL 331R, 369R, 386R; ENGL 292 for ENGL 332R, 370R, 387R; ENGL 293 for ENGL 331R, 332R, 369R, 370R, 388R, 389R*

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL294 Transatlantic Literary History - Transatlantic Literary History 6.0

**Requirement 3 —Complete 2 Courses**

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take 2 times* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take 2 times* 3.0

**Requirement 4 —Complete 1 of 3 Courses**

*NOTE: ENGL 356 is recommended. ENGL 337R topic must be Short Story, Studies in Non‐fiction, or Studies in Poetry.*

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

*Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.*

*The program must be completed in eight years or less.*

*All emphasis courses taken after admission to BGS must be BYU courses.*

**Requirement 1 —Complete 1 Course**

*Prerequisite course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):*

STDEV100 Essential College Skills - Essential College Skills 1.0

**Requirement 2 —Complete 3 Requirements**

*Core courses:*

**Requirement 2.1 —Complete 1 Course**

ENGL230 Studies in Literature - Studies in Literature 3.0

**Requirement 2.2 —Complete 2 of 3 Courses**

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

**Requirement 2.3 —Complete 1 of 2 Courses**

WRTG312 Persuasive Writing - Persuasive Writing 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 3 —Complete 15 hours**

*Elective courses:*

**Option 3.1 —Complete up to 15 hours**

*BYU 300- and 400-level campus courses (including Salt Lake Center classes) in English may also be used to fill emphasis electives. Only one additional general education Advanced Written and Oral Communication course (Engl 311, 312, 313, 314, 315, or 316) may be used to satisfy emphasis requirements.*

ELANG 322 - Modern American Usage 3.0

ENGL218 Creative Writing - Creative Writing 3.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

ENGL319R Writing Poetry - Writing Poetry - *You may take once* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

**Option 3.2 —Complete up to 15 hours**

Study List Classes

ENGL345 Literature & Film - Literature & Film 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

**Requirement 5 —Complete 3 hours**

*Complete 3.0 hours from the following electives. Courses used to fill a previous requirement may not double count for this requirement.*

ELING322 Modern American Usage - Modern American Usage 3.0

ELING324 Hist of the English Language - Hist of the English Language 3.0

ELING325 Grammar of English - Grammar of English 3.0

ELING350 Basic Editing Skills - Basic Editing Skills 3.0

ELING410R Genre & Substantive Editing - Genre & Substantive Editing - *You may take once* 3.0

ELING430R Editing for Publication - Editing for Publication - *You may take once* 3.0

ELING525 Old English 1 - Old English 1 3.0

ELING526 Middle English - Middle English 3.0

ENGL218 Creative Writing - Creative Writing 3.0

ENGL300R Brit Liter in Cultural Setting - Brit Liter in Cultural Setting - *You may take once* 0.5v

ENGL302 Writing with Style - Writing with Style 3.0

ENGL306 Travel Writing - Travel Writing 3.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

ENGL318R Writing Fiction - Writing Fiction - *You may take once* 3.0

ENGL319R Writing Poetry - Writing Poetry - *You may take once* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take once* 3.0

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL323 Professional Writing - Professional Writing 3.0

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

ENGL328R Studies in Composing - Studies in Composing - *You may take once* 3.0

ENGL331R Media and Pop Lit before 1800 - Media and Pop Lit before 1800 - *You may take once* 3.0

ENGL332R Media and Pop Lit after 1800 - Media and Pop Lit after 1800 - *You may take once* 3.0

ENGL335 Professional Speaking - Professional Speaking 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL338 Literary Studies of the Bible - Literary Studies of the Bible 3.0

ENGL340 Book and Publishing History - Book and Publishing History 3.0

Study List Classes -

**Requirement 4 —Complete 1 Course**

*Complete the following as the last course in the emphasis:*

ENGL495 Senior Capstone - Senior Capstone 3.0

**Requirement 5 —Complete 1 Course**

*Complete a capstone experience (last course to be completed):*

STDEV490 BGS Capstone - BGS Capstone 2.0

ENGL344R Digital and Visual Literacies - Digital and Visual Literacies - *You may take once* 3.0

ENGL345 Literature & Film - Literature & Film 3.0

ENGL355 Classics & the Engl Tradition - Classics & the Engl Tradition 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

ENGL357R Literature, Ethics, and Values - Literature, Ethics, and Values - *You may take once* 3.0

ENGL367R American Regional Literature - American Regional Literature - *You may take once* 3.0

ENGL368 Lit of the Latter-day Saints - Lit of the Latter-day Saints 3.0

ENGL369R Transnational Lit before 1800 - Transnational Lit before 1800 - *You may take once* 3.0

ENGL370R Transnational Lit after 1800 - Transnational Lit after 1800 - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL387R British Literature after 1800 - British Literature after 1800 - *You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL391 Introduction to Folklore - Introduction to Folklore 3.0

ENGL392 American Folklore - American Folklore 3.0

ENGL395R Studies in Literature - Studies in Literature - *You may take once* 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

ENGL397R World Literatures in English - World Literatures in English - *You may take once* 3.0

ENGL417 Creative Wrtg Cap: Nonfiction - Creative Wrtg Cap: Nonfiction 3.0

ENGL418 Creative Wrtg Cap: Fiction - Creative Wrtg Cap: Fiction 3.0

ENGL419 Creative Wrtg Cap: Poetry - Creative Wrtg Cap: Poetry 3.0

ENGL450R Studies in Lit Crit and Theory - Studies in Lit Crit and Theory - *You may take once* 3.0

ENGL480R Directed Research in English - Directed Research in English - *You may take once* 1.0v

ENGL490R Individual Readings in English - Individual Readings in English - *You may take once* 0.5v

ENGL494 Prof Wrtg and Comm Sr Capstone - Prof Wrtg and Comm Sr Capstone 3.0

ENGL495 Senior Capstone - Senior Capstone 3.0

TMA457 Media in Contemporary Clssrm - Media in Contemporary Clssrm 3.0

**Requirement 6 —Complete 11 Courses**

*NOTE: FBI FINGERPRINT AND BACKGROUND CLEARANCE MUST BE COMPLETED BEFORE REGISTRATION FOR ENGL 276R.*

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

ENGL276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

ENGL329 Tchg Grammar & Usage - Tchg Grammar & Usage 3.0

ENGL377 Tchg English in Secndry Schls - Tchg English in Secndry Schls 3.0

ENGL378 Teaching Literature & Reading - Teaching Literature & Reading 3.0

ENGL379 Practicum in Secndry Engl Tchg - Practicum in Secndry Engl Tchg 1.0

ENGL423 Tchg Composition in Sec Schl - Tchg Composition in Sec Schl 3.0

ENGL426 Dig Lit & Tech in Sec Schl - Dig Lit & Tech in Sec Schl 3.0

ENGL479 Student Teaching Seminar - Student Teaching Seminar 1.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

**Requirement 7 —Complete 1 of 2 Courses**

ENGL476 Secondary Student Teaching - Secondary Student Teaching 12.0

ENGL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take up to 12.0 credit hours* 12.0

## 553503 - French (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| French | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 33 |

**Free Form Requirements**

*- The French and Italian Department requires a minimum of nine hours to be taken in residence at BYU for this minor program.*

*- Complete the following prerequisite courses: Fren 101, 102, 201, 202. (May be waived with previous equivalent language experience.)*

**Requirement 1 — Complete 3 Courses**

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN322 Advanced French Part 2 - Advanced French Part 2 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

**Requirement 2 — Complete 2 of 3 Courses**

FREN361 French Civilization to 1715 - French Civilization to 1715 3.0

FREN362 French Civilization 1715-Pres - French Civilization 1715-Pres 3.0

## 553504 - French Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| French Teaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 29 | 44 |

**Free Form Requirements**

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major*

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*- The French and Italian Department requires a minimum of 12 minor hours to be taken in residence at BYU for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

*Grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must*

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

**Courses Requirement 3 — Complete 1 of 13 Courses**

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN414 French Translation - French Translation 3.0

FREN432 History of French - History of French 3.0

FREN433R Studies in French Linguistics - Studies in French Linguistics - *You may take once* 3.0

FREN445 Advanced Francophone Culture - Advanced Francophone Culture 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period,Mvmt & Theme - *You may take once* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take once* 3.0

FREN454R Studies in Author - Studies in Author - *You may take once* 3.0

FREN455R Studies in Literary Theory - Studies in Literary Theory - *You may take once* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take once* 3.0

FREN457R Studies in French Culture - Studies in French Culture - *You may take once* 3.0

FREN490R Individual Study - Individual Study - *You may take once* 1.0v

MSB596R Business Language - Business Language - *You may take once* 3.0

*maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements.*

*- Complete the following prerequisite courses: Fren 101, 102, 201, 202. (May be waived with previous equivalent language experience.)*

**Requirement 1 — Complete 1 Requirement**

**Requirement 1.1 — Complete 7 Courses**

*Note : FREN 378 and 379 must be taken concurrently.*

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN322 Advanced French Part 2 - Advanced French Part 2 3.0

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

FREN377 French Teaching Methods 1 - French Teaching Methods 3.0

FREN378 French Teaching Methods 2 - Tchg Methods 3.0

FREN379 French Teaching Practicum - French Teaching Practicum 1.0

**Requirement 2 — Complete 1 of 3 Courses**

FREN361 French Civilization to 1715 - French Civilization to 1715 3.0

FREN362 French Civilization 1715-Pres - French Civilization 1715-Pres 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

**Requirement 3 — Complete 3 hours**

FREN414 French Translation - French Translation 3.0

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN445 Advanced Francophone Culture - Advanced Francophone Culture 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period,Mvmt & Theme - *You may take once* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take once* 3.0

FREN454R Studies in Author - Studies in Author - *You may take once* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take once* 3.0

FREN457R Studies in French Culture - Studies in French Culture - *You may take once* 3.0

FREN490R Individual Study - Individual Study - *You may take up to 3.0 credit hours* 1.0v

**Requirement 4 — Complete 1 Requirement**

*Oral Proficiency:*

Complete Fren 491 and have an oral proficiency interview (OPI) before enrolling in Fren 378. The rating will be recorded on the student's transcript. The required minimum OPI rating is "Advanced-low" before applying to student teach in the major.

**Requirement 4.1 — Complete 1 Course**

FREN491R Sr Oral Proficiency Evaluation - Sr Oral Proficiency

Evaluation - *You may take once* 0.0

Note: Before applying for student teaching or an internship, students must receive an official OPI certificate from ACTFL with a rating of ADVANCED-LOW or higher. At least one month before student teaching applications are due, students should schedule an OPI through the Center for Language Studies, 3086 JFSB.

**Requirement 5 — Complete 1 Course**

FREN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

*Note: The Department of French and Italian offers the following resources to strengthen language skills: conversation courses (Fren 211R, 311R, 411R), the Foreign Language Student Residence, Study Abroad, or an internship in French-speaking countries. Please refer to the specific program or course description for detailed information about these resources.*

## 553505 - Italian (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Italian | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15.5 | 36 |

**Free Form Requirements**

*- The French and Italian Department requires a minimum of 9 minor hours to be taken in residence at BYU for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

*- Complete the following prerequisite courses: Ital 101, 102, 201, 202. (May be waived with previous equivalent language experience.)*

**Requirement 1 — Complete 3 Courses**

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 3.0

ITAL322 Advanced Language Part 2 - Advanced Language Part 2 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

**Requirement 2 — Complete 3 of 13 Courses**

ITAL317 French & Italian Cinema - French & Italian Cinema 3.0

ITAL360 Italian Civilization to 1600 - Italian Civilization to 1600 3.0

ITAL361 Italian Civilization 1600-Pres - Italian Civilization 1600-Pres 3.0

ITAL363 Italian Civ on Study Abroad - Italian Civ on Study Abroad 3.0

ITAL399R Academic Internship - Academic Internship - *You may take once* 0.5v

ITAL445 Italian Women Writers - Italian Women Writers 3.0

ITAL446 Multicultural Italy - Multicultural Italy 3.0

ITAL447R Studies in Literature - Studies in Literature - *You may take once* 3.0

ITAL448R Studies in Visual Cultures - Studies in Visual Cultures - *You may take once* 3.0

ITAL449R Studies in Cultural History - Studies in Cultural History - *You*

## 553520 - French (BA)

### Program Information

| Program Title | Degree |
|---|---|
| French | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 36.5 | 51.5 |

**Major Academic Plan**

MAPS - BA in French 2023-2024.pdf

| | |
|---|---|
| **Title**<br>Language Competence | **Learning Outcome**<br>Graduates in French demonstrate advanced proficiency in French language skills. For speaking and writing advanced corresponds to officially designated ACTFL guidelines and ratings. |
| **Title**<br>Research Skills | **Learning Outcome**<br>Analyze the literature language and cultures of the French-speaking world drawing upon an ability to evaluate and synthesize relevant primary and critical sources. |
| **Title**<br>Critical Thinking | **Learning Outcome**<br>Students critically evaluate literary cultural and linguistic problems from the French-speaking world and discuss them in clear written and oral expression. |
| | **Learning Outcome**<br>Graduates in French are able to synthesize and interpret information communicate |

*may take once* 3.0

ITAL460 Dante's Divine Comedy - Dante's Divine Comedy 3.0

ITAL495R Senior Seminar - Senior Seminar - *You may take 2 times* 3.0

MSB596R Business Italian - Business Italian - *You may take once* 3.0

| Title | |
|---|---|
| Portable Competencies | information communicate effectively and navigate cultural difference. They can articulate the value of their humanities degree and the relationship between their academic experience and personal and professional goals.This results from coursework but also from experiential learning such as study abroad and internships. |

**Free Form Requirements**

*The French and Italian Department requires a minimum of 21 major hours to be taken in residence at BYU for this degree program. These hours may also count toward BYU's 30-hour residency requirement for graduation.*

*The French BA starts with FREN 321. As needed, students may take some or all of the following: FREN 101, 102, 201, 202. Students with prior experience in French can contact the French undergraduate adviser to select the appropriate beginning course. Native speakers and returned missionaries typically enroll in FREN 321; FREN 201 or 202 may be appropriate for those with less language experience.*

*We recommend students participate in significant French-language experiential learning during their major. This could take the form of a mission, Study Abroad program, internships, and/or a semester in the Language Immersion Student Residence (or LISR).*

**Requirement 1 —Complete 4 Courses**

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN322 Advanced French Part 2 - Advanced French Part 2 3.0

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

**Requirement 2 —Complete 2 of 3 Courses**

FREN361 French Civilization to 1715 - French Civilization to 1715 3.0

FREN362 French Civilization 1715-Pres - French Civilization 1715-Pres 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

**Requirement 3 —Complete 21 hours**

*Note: No more than 9 credits may come from any combination of the following: FREN 399R, FREN 445, FREN 490R, and MSB 596R.*

FREN399R Academic Internship - Academic Internship - *You may take once* 0.5v

FREN414 French Translation - French Translation 3.0

FREN432 History of French - History of French 3.0

FREN433R Studies in French Linguistics- Studies in French Linguistics 3.0

FREN445 Advanced Francophone Culture - Advanced Francophone Culture 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period,Mvmt & Theme - *You may take 5 times* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take 5 times*

3.0

FREN454R Studies in Author - Studies in Author - *You may take 5 times* 3.0

FREN455R Studies in Literary Theory - Studies in Literary Theory - *You may take 5 times* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take 5 times* 3.0

FREN457R Studies in French Culture - Studies in French Culture - *You may take 5 times* 3.0

FREN458R Women in French Literature - Women in French Literature - *You may take 5 times* 3.0

FREN490R Individual Study - Individual Study - *You may take once* 1.0v

MSB596R Business French - Business French - *You may take once* 3.0

**Requirement 4 —Complete 2 Courses**

FREN495 Senior Capstone - Senior Capstone 0.5

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

**Recommended Courses are not required to complete the program**

*Note: In order to determine language proficiency, students in FREN 495 will take the official ACTFL Oral Proficiency Interview (OPI), Writing Proficiency Test (WPT), and adaptive reading and listening comprehension tests.. It is expected that French majors achieve ratings of Advanced Low or higher for each ACTFL evaluation.*

## 553521 - Italian (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Italian | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 45.5 | 66.5 |
| **Major Academic Plan** | |
| MAPS - BA in Italian 2023-2024.pdf | |

| | Learning Outcome |
|---|---|
| **Title** | |
| Language Ability | Successful students will demonstrate proficiency in speaking and writing Italian at the advanced level as defined by the ACTFL Proficiency Guidelines and ratings. |

| | Learning Outcome |
|---|---|
| **Title** | |
| Research | Students will analyze the literature language and culture of Italy drawing upon their ability to locate and consult relevant primary critical and theoretical sources. |

| | Learning Outcome |
|---|---|

## 553522 - French Teaching (BA)

### Program Information

| Program Title | Degree |
|---|---|
| French Teaching | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 58 | 75 |
| **Major Academic Plan** | |
| MAPS - BA in French Teaching 2023-2024.pdf | |

| | Learning Outcome |
|---|---|
| **Title** | |
| Professionalism | Reflect on instructional choices and actions and foster relationships with school colleagues parents and the larger community. Seek opportunities to develop professionally and to strengthen language and cultural competencies. |

| | Learning Outcome |
|---|---|
| **Title** | |
| Assessment | Understand and use formal and informal assessment strategies to evaluate performance identify needs provide feedback and adjust instructional strategies. |

| | |
|---|---|
| | Learning Outcome<br>Based on their chosen interdisciplinary curriculum successful studentswill demonstrate the ability to articulate and defend in speech and writing clear and orderly thought on Italian literary and cultural topics. |
| Title<br>Critical Thinking | |

**Free Form Requirements**

*The French and Italian Department requires a minimum of 15 major hours to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

*Complete a minor (approximately 16-21 hours) or 15 hours of course work in an area approved by the major advisor. Courses must be approved before the senior year.*

*Students who need to strengthen oral skills should enroll in ITAL 211R and 311R.*

*HCOLL 110 and/or STDEV 317 are recommended.*

*Complete the following prerequisite courses: ITAL 101, 102, 201, 202. (May be waived with previous equivalent language experience.)*

**Requirement 1 — Complete 3 Courses**

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 3.0

ITAL322 Advanced Language Part 2 - Advanced Language Part 2 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

**Requirement 2 — Complete 7 of 13 Courses**

ITAL317 French & Italian Cinema - French & Italian Cinema 3.0

ITAL360 Italian Civilization to 1600 - Italian Civilization to 1600 3.0

ITAL361 Italian Civilization 1600-Pres - Italian Civilization 1600-Pres 3.0

ITAL363 Italian Civ on Study Abroad - Italian Civ on Study Abroad 3.0

ITAL399R Academic Internship - Academic Internship - *You may take once* 0.5v

ITAL445 Italian Women Writers - Italian Women Writers 3.0

ITAL446 Multicultural Italy - Multicultural Italy 3.0

ITAL447R Studies in Literature - Studies in Literature - *You may take once* 3.0

ITAL448R Studies in Visual Cultures - Studies in Visual Cultures - *You may take once* 3.0

ITAL449R Studies in Cultural History - Studies in Cultural History - *You may take once* 3.0

ITAL460 Dante's Divine Comedy - Dante's Divine Comedy 3.0

ITAL495R Senior Seminar - Senior Seminar - *You may take 3 times* 3.0

MSB596R Business Italian - Business Italian - *You may take once* 3.0

**Requirement 3 — Complete 1 Requirement**

*Oral proficiency:*

Complete ITAL 491 and have an oral proficiency interview (OPI) in the

| | |
|---|---|
| | Learning Outcome<br>Plan instruction based upon knowledge of subject matter students and goals. |
| Title<br>Planning Instruction | |

| | |
|---|---|
| | Learning Outcome<br>Understand basic language acquisition theory create supportive learning environments and use a variety of instructional techniques. |
| Title<br>Language Acquisition Theory | |

| | |
|---|---|
| | Learning Outcome<br>Candidates are proficient at the advanced level in French (as defined by the ACTFL Proficiency Guidelines) and understand underlying linguistic elements of French. |
| Title<br>Language and Linguistics | |

**Free Form Requirements**

*This major is designed to prepare students to teach in public schools. To graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://education.byu.edu/advisement/licensure or contact Education Student Services, 350 MCKB, 801-422-3426.*

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*Students may declare a French Teaching pre-major by contacting the Liberal Arts Advisement Center (JFSB 1041) at 801-422-3541. The first course will be FLANG 276: Exploration of Teaching Foreign Languages (offered on the first block during Fall and Winter semesters), at the end of which students apply for the French Teaching major through Educator Plus (application procedures are explained during FLANG 276).*

*Grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements at https://epp.byu.edu/*

*A teaching minor in another subject is strongly recommended. Teaching opportunities in public schools may be significantly reduced without a second teaching subject that a teaching minor provides. See https://education.byu.edu/advisement/majors_and_minors.*

*Complete the following prerequisite courses: FREN 101, 102, 201, 202. (May be waived with previous equivalent language experience.)*

**Requirement 1 — Complete 7 Courses**

*Note: Fren 378 must be taken the semester immediately before student teaching. FREN 378 and FREN 379 must be taken concurrently.*

semester in which the last Italian course is taken. The rating will be recorded on the student's transcript. The desired minimum OPI rating is "advanced."

**Requirement 3.1 — Complete 1 Course**

ITAL491 OPI & Portfolio - OPI & Portfolio 0.5

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN322 Advanced French Part 2 - Advanced French Part 2 3.0

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

FREN377 French Teaching Methods 1 - French Teaching Methods 1 3.0

FREN378 French Teaching Methods 2 - Teaching Methods 2 3.0

FREN379 French Teaching Practicum - French Teaching Practicum 1.0

**Requirement 2 — Complete 2 of 3 Courses**

FREN361 French Civilization to 1715 - French Civilization to 1715 3.0

FREN362 French Civilization 1715-Pres - French Civilization 1715-Pres 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

**Requirement 3 — Complete 2 of 11 Courses**

*Note: Only one registration of Fren 490R will count toward the major requirements.*

FREN432 History of French - History of French 3.0

FREN433R Studies in French Linguistics - Studies in French Linguistics 3.0

FREN445 Advanced Francophone Culture - Advanced Francophone Culture 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period,Mvmt & Theme - *You may take 2 times* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take 2 times* 3.0

FREN454R Studies in Author - Studies in Author - *You may take 2 times* 3.0

FREN455R Studies in Literary Theory - Studies in Literary Theory - *You may take 2 times* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take 2 times* 3.0

FREN457R Studies in French Culture - Studies in French Culture - *You may take 2 times* 3.0

FREN458R Women in French Literature - Women in French Literature - *You may take 2 times* 3.0

FREN490R Individual Study - Individual Study - *You may take once* 1.0v

**Requirement 4 — Complete 1 Requirement**

*Complete the following before enrolling in Fren 378. The rating will be recorded on the student's transcript. The expected minimum rating of ADVANCED-LOW must be completed before applying to student teach.*

**Requirement 4.1 — Complete 1 Course**

FREN491R Sr Oral Proficiency Evaluation - Sr Oral Proficiency Evaluation - *You may take once* 0.0

Note: Before applying for student teaching or an internship, students must receive an official OPI certificate from ACTFL with a rating of ADVANCED-LOW or higher and take the French PRAXIS test. At least

ADVANCED-LOW or higher and take the French PRAXIS test. At least one month before student teaching applications are due, students should schedule an OPI through the Center for Language Studies, 3086 JFSB.

**Requirement 5 — Complete 7 Courses**

*NOTE: FBI fingerprint and background clearance must be completed before enrollment in FLang 276.*

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

FLANG276 Exploration-Tchg Foreign Lang - Exploration-Tchg Foreign Lang 4.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 Ed Tec 2 - Integrating K-12 Ed Tec 2 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

**Requirement 6 — Complete 12 hours**

FREN476R Secondary Student Teaching - Secondary Student Teaching - *You may take once* 12.0v

FREN496R Academic Internship - Academic Internship - *You may take once* 12.0

*Note: The Department of French and Italian offers the following resources to strengthen language skills: conversation courses (FREN 211R, 311R, 411R), Foreign Language Student Residence, Study Abroad, and internships in French-speaking countries. Please refer to the specific program or course description for detailed information about these resources.*

## 553525 - French Studies (BA)

### Program Information

| Program Title | Degree |
|---|---|
| French Studies | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 30.5 | 45.5 |

**Major Academic Plan**

MAPS - BA in French Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Language Competence | Demonstrate advanced proficiency in French language skills. For speaking and writing advanced corresponds to officially designated ACTFL guidelines and ratings. |

| Title | Learning Outcome |
|---|---|
| | Analyze the literature language and cultures of the French-speaking world drawing upon an ability to evaluate and synthesize relevant primary and critical |

## 553526 - Italian Studies (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Italian Studies | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 30.5 | 45.5 |

**Major Academic Plan**

MAPS - BA in Italian Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Language Ability | Successful students will demonstrate proficiency in speaking and writing Italian at the Intermediate High level as defined by the ACTFL Proficiency Guidelines and ratings. |

| Title | Learning Outcome |
|---|---|
| | Students will analyze the literature language and culture of Italy drawing upon their ability to locate and consult relevant primary critical and |

| | |
|---|---|
| Research | sources. |

| | |
|---|---|
| Title<br>Critical Thinking | Learning Outcome<br>Demonstrate the ability to critically evaluate literary cultural and linguistic problems from the French-speaking world and to discuss them in clear written and oral expression. |

| | |
|---|---|
| Title<br>Portable Competencies | Learning Outcome<br>Graduates in French are able to synthesize and interpret information communicate effectively and navigate cultural difference. They can articulate the value of their humanities degree and the relationship between their academic experience and personal and professional goals.This results from coursework but also from experiential learning such as study abroad and internships. |

**Free Form Requirements**

*Students must complete the requirements for a primary major in another field.*

*The French and Italian Department requires a minimum of 21 major hours to be taken in residence at BYU for this degree program. These hours may also count toward BYU's 30-hour residency requirement for graduation.*

*The French Studies BA starts with FREN 321. As needed, students may take some or all of the following: FREN 101, 102, 201, 202. Students with prior experience in French can contact the French undergraduate adviser to select the appropriate beginning course. Native speakers and returned missionaries typically enroll in FREN 321; FREN 201 or FREN 202 may be appropriate for those with less language experience.*

*We recommend students participate in significant French-language experiential learning during the course of their major. This could take the form of a mission, Study Abroad program, internships, and/or a semester in the Language Immersion  Student Residence (or LISR).*

*We recommend students take HCOLL 310: Humanities in Professional Life (1.0) during their senior year, preferably the same semester as FREN 495: Senior Portfolio Capstone. HCOLL 310 helps humanities graduates articulate how their degree has trained them to communicate effectively, gather and synthesize information, interpret complex texts, and navigate different cultures.*

**Requirement 1 —Complete 4 Courses**

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN322 Advanced French Part 2 - Advanced French Part 2 3.0

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

**Requirement 2 —Complete 2 of 3 Courses**

| | |
|---|---|
| Research | theoretical sources. |

| | |
|---|---|
| Title<br>Critical Thinking | Learning Outcome<br>Based on their chosen interdisciplinary curriculum successful students will demonstrate the ability to articulate and defend in speech and writing clear and orderly thought on Italian literary and cultural topics. |

**Free Form Requirements**

*Students must complete the requirements for a primary major in another field.*

*The French and Italian Department requires a minimum of 15 major hours to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

*HCOLL 110 and/or STDEV 317 are recommended.*

*Complete the following prerequisite courses: ITAL 101, 102, 201, 202. (May be waived with previous equivalent language experience.)*

**Requirement 1 —Complete 3 Courses**

*Core requirements:*

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 3.0

ITAL322 Advanced Language Part 2 - Advanced Language Part 2 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

**Requirement 2 —Complete 21 hours**

*Complete 21 hours of upper-division (300-level and above) electives from the following. Note: Up to 12 credit hours from related departments may be counted upon departmental approval.*

ITAL317 French & Italian Cinema - French & Italian Cinema 3.0

ITAL360 Italian Civilization to 1600 - Italian Civilization to 1600 3.0

ITAL361 Italian Civilization 1600-Pres - Italian Civilization 1600-Pres 3.0

ITAL363 Italian Civ on Study Abroad - Italian Civ on Study Abroad 3.0

ITAL399R Academic Internship - Academic Internship - *You may take once* 0.5v

ITAL445 Italian Women Writers - Italian Women Writers 3.0

ITAL446 Multicultural Italy - Multicultural Italy 3.0

ITAL447R Studies in Literature - Studies in Literature - *You may take once* 3.0

ITAL448R Studies in Visual Cultures - Studies in Visual Cultures - *You may take once* 3.0

ITAL449R Studies in Cultural History - Studies in Cultural History - *You may take once* 3.0

ITAL460 Dante's Divine Comedy - Dante's Divine Comedy 3.0

ITAL495R Senior Seminar - Senior Seminar - *You may take 3 times* 3.0

FREN361 French Civilization to 1715 - French Civilization to 1715 3.0

FREN362 French Civilization 1715-Pres - French Civilization 1715-Pres 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

**Requirement 3 —Complete 12 hours**

*NOTE: Courses taken to complete requirements above may not be double counted here. NOTE: No more than 6 credits may come from any combination of the following: FREN 399R, FREN 445.*

FREN317 French & Italian Cinema - French & Italian Cinema 3.0

FREN361 French Civilization to 1715 - French Civilization to 1715 3.0

FREN362 French Civilization 1715-Pres - French Civilization 1715-Pres 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

FREN377 French Teaching Methods 1 - Intro to French Language Tchg 3.0

FREN399R Academic Internship - Academic Internship - *You may take once* 0.5v

FREN414 French Translation - French Translation 3.0

FREN432 History of French - History of French 3.0

FREN433R Studies in French Linguistics - Studies in French Linguistics 3.0

FREN445 Advanced Francophone Culture - Advanced Francophone Culture 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period,Mvmt & Theme - *You may take 5 times* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take 5 times* 3.0

FREN454R Studies in Author - Studies in Author - *You may take 5 times* 3.0

FREN455R Studies in Literary Theory - Studies in Literary Theory - *You may take 5 times* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take 5 times* 3.0

FREN457R Studies in French Culture - Studies in French Culture - *You may take 5 times* 3.0

FREN458R Women in French Literature - Women in French Literature - *You may take 5 times* 3.0

FREN470R Direct Enrollment France - Direct Enrollment France - *You may take once* 1.0v

FREN490R Individual Study - Individual Study - *You may take 5 times* 1.0v

MSB596R Business Language - Business Language - *You may take once* 3.0

**Requirement 4 —Complete 1 Course**

FREN495 Senior Capstone - Senior Capstone 0.5

*Note: In order to determine language proficiency, students in FREN 495*

MSB596R Business Italian - Business Italian - *You may take once* 3.0

**Requirement 3 —Complete 1 Course**

*Complete the following and have an oral proficiency interview (OPI) in the semester in which the last Italian course is taken. The rating will be recorded on the student's transcript. The desired minimum ACTFL Proficiency scale is "Intermediate-High."*

ITAL491 OPI & Portfolio - OPI & Portfolio 0.5

*Note: In order to determine language proficiency, students in FREN 495 will take the official ACTFL Oral Proficiency Interview (OPI), Writing Proficiency Test (WPT), and adaptive reading and listening comprehension tests. It is expected that French majors achieve ratings of Advanced Low or higher for each ACTFL evaluation.*

## 554002 - German (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| German | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 27 |

**Free Form Requirements**

*Complete the following prerequisite courses: Germ 101, 102, 201. Some or all may be waived based on placement exam. See german.byu.edu for more information or contact the department.*

**Requirement 1 — Complete 4 Courses**

*Note: Complete 2.0 credits of German 311R.*

GERM202 2nd-Year German - 2nd-Year German 4.0

GERM301 German Cultural History - German Cultural History 3.0

GERM302 Germany 20th Century- Germany 20th Century 3.0

GERM311R Advanced Conversation - Advanced Conversation - *You may take once* 1.0v

**Requirement 2 — Complete 1 of 2 Courses**

*Note: German 345 and 346 are only offered on German language study abroad*

GERM345R Field Studies in German - Field Studies in German - *You may take once* 1.0v

GERM346 German Art and Architecture - German Art and Architecture 3.0

*Note: This minor is designed for students of German who have had no missionary-level residency experience in a German-speaking country.*

## 554003 - German Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| German Teaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 23 | 39 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*Declare the minor at the Liberal Arts Advisement Center and contact the German Teaching major advisor for advising.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*Complete the following prerequisite courses: Germ 101, 102, 201, 202. Some or all may be waived based on placement exam. See german.byu.edu for more information or contact the department.*

**Requirement 1 — Complete 6 Courses**

*Note: Germ 377 must be taken concurrently with Germ 378. Germ 377 and 378 may be waived for students who have taken a methods course for another language.*

GERM301 German Cultural History - Intermediate German 3.0

GERM302 Germany 20th Century - Germany 20th Century 3.0

GERM303 Germany Today - Germany Today 3.0

GERM344 Intro to German Linguistics - Intro to German Linguistics 3.0

GERM377 Methods in Teaching German - Methods in Teaching German 3.0

GERM378 Practicum in Teaching German - Practicum in Teaching German 1.0

**Requirement 2 — Complete 3 hours**

*Complete 3 additional hours of courses numbered 217 or higher.*

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

GERM250 Marx, Nietzsche, Freud - Marx, Nietzsche, Freud 3.0

GERM340 Writing About Literature - Writing About Literature 3.0

GERM343 Intro to German Lit - Intro to German Lit 3.0

GERM345R Field Studies in German - Field Studies in German - *You may take once* 1.0v

GERM346 German Art and Architecture - German Art and Architecture 3.0

GERM399R Academic Internship - Academic Internship - *You may take once* 0.5v

GERM412R German Proficiency Workshop 2 - German Proficiency Workshop 2 - *You may take once* 1.0v

GERM416 Linguistics Research 2 - Linguistics Research 2 1.0v

GERM440R Topics in German Literature - Topics in German Literature - *You may take once* 3.0

GERM450 Hist of the German Language - Hist of the German Language 3.0

GERM460 Structure of Modern German - Structure of Modern German 3.0

GERM470R Topics in German Linguistics - Topics in German Linguistics - *You may take once* 3.0

GERM476 Secondary Student Teaching - Secondary Student Teaching 12.0

GERM490R Special Studies in German - Special Studies in German - *You may take once* 0.5v

GERM497R Sr Sem in German Language - Sr Sem in German Language - *You may take once* 3.0

*Complete an ACTFL Oral Proficiency Interview and receive a minimum rating of Advanced-Low before applying to student teach. Contact the Center for Language Studies (3086 JFSB) to schedule your interview. The OPI should be completed prior to student teaching.*

*Complete the ETS Praxis test in German (see the state of Utah's requirement) prior to applying for graduation and licensing. Register for the Praxis test at www.ETS.org.*

**Requirement 3 — Complete 1 Course**

GERM477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

## 554004 - Russian (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Russian | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 26 | 33 |

**Free Form Requirements**

**Requirement 1 — Complete 4 Courses**

## 554005 - Russian Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Russian Teaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 23 | 40 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed*

*Prerequisite courses (may be waived with sufficient proficiency in the language):*

RUSS101 1st Yr Russ Part 1 - 1st Yr Russ Part 1 5.0

RUSS102 1st Yr Russ Part 2 - 1st Yr Russ Part 2 5.0

RUSS201 2nd-Yr Russian, Part 1 - 2nd-Yr Russian, Part 1 5.0

RUSS202 2nd Year Russian Part 2 - 2nd Year Russian Part 2 5.0

**Requirement 2 — Complete 1 Requirement**

Complete the following with the BYU Russia Study Abroad program or an approved equivalent program:

**Requirement 2.1 — Complete 4 Courses**

RUSS211 2nd Yr Conversation - 2nd Yr Conversation 0.5v

RUSS301 Intrmed Russian Study Abroad - Intrmed Russian Study Abroad 2.0

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

RUSS490R Special Studies in Russian - Special Studies in Russian - *You may take once* 0.5v

*Note: This minor is designed only for students of Russian who have had no missionary-level residency experience in Russia.*

*to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*- Note: Before declaring a Russian teaching minor, candidates must consult with the section leader.*

*- Register with the secretary in the department office.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 3 Courses**

*Prerequisite courses (may be waived for students with sufficient proficiency in the language):*

RUSS101 1st Yr Russ Part 1 - 1st Yr Russ Part 1 5.0

RUSS102 1st Yr Russ Part 2 - 1st Yr Russ Part 2 5.0

RUSS201 2nd-Yr Russian, Part 1 - 2nd-Yr Russian, Part 1 5.0

**Requirement 2 — Complete 2 Requirements**

Important notes for returned Russian-speaking missionaries:

- Register for 3rd-year Russian courses. Russ 330 is recommended.

- Russ 202 will be waived as a requirement for Russian majors or minors and should not be taken except when remedial work is necessary and permission is obtained from the section leader.

- Credit for Russ 101, 102, 201, and 211 is available through a test given as part of Russ 330.

- If Russ 202 was waived, take Russ 441 or 442.

**Requirement 2.2 — Complete 1 of 2 Options**

**Option 2.2.1 — Complete 1 Course**

RUSS202 2nd Year Russian Part 2 - 2nd Year Russian Part 2 5.0

**Option 2.2.2 — Complete 1 Course**

RUSS441 Russian Literature 1 - Russian Literature 1 3.0

RUSS442 Russian Literature 2 - Russian Literature 2 3.0

**Requirement 3 — Complete 1 Course**

RUSS321 3rd Yr Russian, Part 1 - 3rd Yr Russian, Part 1 3.0

RUSS322 3rd Yr Russian, Part 2 - 3rd Yr Russian, Part 2 3.0

**Requirement 4 — Complete 4 Courses**

**Requirement 4 — Complete 4 Courses**

*Note: Russian Teaching minors should complete Germ 377 and Germ 378 or another 377/378 foreign language methodology sequence with prior approval from the section head. Courses must be taken prior to student teaching.*

GERM377 Methods in Teaching German - Methods in Teaching German 3.0

GERM378 Practicum in Teaching German - Practicum in Teaching German 1.0

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

RUSS340 Russian Novel in English - Russian Novel in English 3.0

*Before applying to student teach in the major, complete the Oral Proficiency Interview (OPI) examination with a minimum level of Advanced-Low in order to be granted Utah state licensure.*

**Requirement 5 — Complete 1 Course**

RUSS477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

## 554021 - Russian (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Russian | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 35 | 56 |

**Major Academic Plan**
MAP - BA in Russian 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1. Language Proficiency | Speak read write and comprehend the Russian language in ordinary living situations and professional matters and understand the main principles of linguistics as they relate to Russian. Students' speaking reading and listening proficiency in these areas should approximate the Advanced level on the American Council on the Teaching of Foreign Languages (ACTFL) proficiency scale. Writing proficiency should approach the Advanced level on the ACTFL scale. |
| 2. Russian Cultural and Literary History | Identify discuss and analyze an understanding of the main periods figures and achievements of Russian cultural history especially in literature. |
| | Produce academic writing and |

## 554023 - German Teaching (BA)

### Program Information

| Program Title | Degree |
|---|---|
| German Teaching | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 64 | 80 |

**Major Academic Plan**
MAPS - BA in German Teaching 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Cultural Literacy and Linguistics | Students will demonstrate a broad knowledge comprehension and appreciation of the culture literature linguistics and history of German-speaking countries. |
| German Language Proficiency | Students will speak listen read and write German at the ACTFL Advanced Low level or higher. |
| Critical Engagement | Students will communicate effectively in speech and writing about topics related to the culture literature and linguistics of German-speaking countries. Their presentations and writing will demonstrate careful analysis critical thinking coherent argumentation and the ability to connect their ideas to those of relevant scholars and thinkers. |

**Free Form Requirements**

| Title | Learning Outcome |
| --- | --- |
| 3. Writing Academic Essays | Produce academic writing and other presentations that are characterized by critical thinking coherent development and thoughtful analysis. |

| Title | Learning Outcome |
| --- | --- |
| 4. Lifelong Learning | Articulate how their education as Russian majors including their study of ethical and aesthetic issues makes their academic experiences relevant to personal and professional goals. |

**Free Form Requirements**

*- It is strongly recommended that StDev 317, a 2-credit-hour course, be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.* HColl 310, a 1-credit hour course, is also recommended at the end of the junior or beginning of the senior year. This course helps students frame their humanities experience as professional preparation. Students will learn how to translate the unique value of their degree as they pursue a variety of professional paths.

*- Important Note for Returned Russian-Speaking Missionaries: (1) Register for third-year Russian classes. Russ 330 is recommended. (2) Russ 202 will be waived as a requirement for Russian majors and should not be taken except when remedial work is necessary and permission is obtained from the section leaders. (3) Credit for Russ 101, 102, 201, and 211 is available through a test given as part of Russ 330. (4) Returned missionaries must complete Russ 330 and talk with the Russian section head before declaring a major.*

*RECOMMENDED complete 4 courses*

*Complete the following prerequisite courses: Russ 101, 102, 201, 202*

*RUSS 101 - First-Year Russian, Part 1 5.0 RUSS 102 - First-Year Russian, Part 2 5.0 RUSS 201 - Second-Year Russian, Part 1 5.0 RUSS 202 - Second-Year Russian, Part 2 5.0*

**Requirement 1 — Complete 5 Courses**

*Language courses:*

RUSS321 3rd Yr Russian, Part 1 - 3rd Yr Russian, Part 1 3.0

RUSS322 3rd Yr Russian, Part 2 - 3rd Yr Russian, Part 2 3.0

RUSS323 Phonology & Morphology - Phonology & Morphology 3.0

RUSS421 4th Yr Russian, Part 1 - 4th Yr Russian, Part 1 3.0

RUSS422 4th-Year Russian, Part 2 - 4th-Year Russian, Part 2 3.0

**Requirement 2 — Complete 5 Courses**

*Literature and culture courses:*

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*- For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*- Declare the major at the Liberal Arts Advisement Center and contact the German Teaching major advisor for advising.*

*- Complete the following prerequisite courses: GERM 101, 102, 201, 202. Some or all may be waived based on placement exam or challenge exam. See german.byu.edu for more information or contact the department.*

**Requirement 1 —Complete 2 hours**

*Complete 3 hours of the following or equivalent residency (mission, study abroad, internship, German language residence):*

GERM311R Advanced Conversation - Advanced Conversation - *You may take up to 3.0 credit hours* 1.0v

**Requirement 2 —Complete 7 Courses**

*Note: Germ 377 must be taken concurrently with Germ 378. Germ 377 and 378 may be waived for students who have taken a methods course for another language.*

GERM301 German Cultural History - Intermediate German 3.0

GERM302 Germany 20th Century - Germany 20th Century 3.0

GERM303 Germany Today - Germany Today 3.0

GERM343 Intro to German Lit - Intro to German Lit 3.0

GERM344 Intro to German Linguistics - Intro to German Linguistics 3.0

GERM377 Methods in Teaching German - Methods in Teaching German 3.0

GERM378 Practicum in Teaching German - Practicum in Teaching German 1.0

**Requirement 3 —Complete 13 hours**

*Complete 13 additional hours of courses numbered 217 or higher.*

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

GERM250 Marx, Nietzsche, Freud - Marx, Nietzsche, Freud 3.0

GERM300R 3rd Yr Proficiency Tutorial - 3rd Yr Proficiency Tutorial - *You may take once* 1.0v

GERM340 Writing About Literature - Writing About Literature 3.0

GERM345R Field Studies in German - Field Studies in German - *You may take once* 1.0v

GERM346 German Art and Architecture - German Art and Architecture

RUSS340 Russian Novel in English - Russian Novel in English 3.0

RUSS441 Russian Literature 1 - Russian Literature 1 3.0

RUSS442 Russian Literature 2 - Russian Literature 2 3.0

RUSS492R Senior Seminar - Senior Seminar - *You may take once* 2.0

**Requirement 3 — Complete 1 of 4 Courses**

*Electives:*

RUSS341 Dostoevsky - Dostoevsky 3.0

RUSS342 Tolstoy - Tolstoy 3.0

RUSS343 Masterpieces of Russian Film - Masterpieces of Russian Film 3.0

RUSS344 Russian Arts & Letters - Russian Arts & Letters 3.0

**Requirement 4 — Complete 1 of 2 Courses**

*Complete one professionalizing course or an equivalent course. Contact the department internship coordinator for more information. A second major or substantial minor may be substituted for this course in certain circumstances.*

RUSS199R Academic Internship - Academic Internship - *You may take once* 0.5v

RUSS399R Academic Internship - Academic Internship - *You may take once* 0.5v

*Contact the department internship coordinator for more information.*

*NOTE: Students are strongly encouraged to participate in a related Russian language/cultural immersion experience, such as living at the Language Immersion Student Residence and/or participating in a Study Abroad program after RUSS 202.*

3.0

GERM399R Academic Internship - Academic Internship - *You may take once* 0.5v

GERM412R German Proficiency Workshop 2 - German Proficiency Workshop 2 - *You may take once* 1.0v

GERM440R Topics in German Literature - Topics in German Literature - *You may take once* 3.0

GERM450 Hist of the German Language - Hist of the German Language 3.0

GERM460 Structure of Modern German - Structure of Modern German 3.0

GERM470R Topics in German Linguistics - Topics in German Linguistics - *You may take once* 3.0

GERM497R Sr Sem in German Language - Sr Sem in German Language - *You may take once* 3.0

**Requirement 4 —Complete 1 Course**

*Complete the following courses (not offered spring or summer) during one of last two semesters before graduation. The courses must be taken concurrently. Germ 400R prepares students for proficiency exams. Germ 401 posts the Teacher Work Sample grade to the transcript. Completion of Germ 400R two semesters before student teaching is recommended.*

GERM400R 4th-Yr Proficiency Tutorial - 4th-Yr Proficiency Tutorial - *You may take once* 1.0

*Complete the Teacher Work Sample, during student teaching, which serves as the required capstone paper.*

*Complete the ETS Praxis test for German prior to applying for graduation and certification. Contact Education Student Services in 120 MCKB to sign up for the test.*

*Professional Education Component:*

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

All candidates for teacher licensure are required to be fingerprinted and pass an FBI background check prior to enrolling in FLANG 276. Go to 350 MCKB for fingerprinting and an FBI background check. Allow 2-3 weeks for processing. Fingerprint clearance is valid for three years only. If clearance expires prior to student teaching, candidates must repeat the fingerprint clearance and fee process. Failing to expunge or clear up a police record of any kind prior to the background check may result in a blocked registration while a review board investigates the charges. Candidates who do not pass an FBI background check will be removed from the teacher education licensure program.

**Requirement 5 —Complete 7 Courses**

*Note: FBI fingerprint and background clearance must be completed before enrollment in FLANG 276. Note: FLANG 276 is the prerequisite for CPSE 402, IP&T 286, SC ED 353, and SC ED 375.*

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

FLANG276 Exploration-Tchg Foreign Lang - Exploration-Tchg Foreign Lang 4.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 Ed Tec 2 - Integrating K-12 Ed Tec 2 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

**Requirement 6 —Complete 12 hours**

GERM476 Secondary Student Teaching - Secondary Student Teaching - *You may take up to 12.0 credit hours* 12.0

*Complete an ACTFL Oral Proficiency Interview and receive a minimum rating of Advanced-Low before applying to student teach. Contact the Center for Language Studies (3086 JFSB) to schedule your interview. This requirement may also be satisfied during Germ 400R.*

## 554059 - German (BA)

### Program Information

| Program Title | Degree |
|---|---|
| German | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 33 | 49 |

| Title | Learning Outcome |
|---|---|
| Language Proficiency | Students will speak, listen, read, and write German at the ACTFL Advanced Low level or higher. |

| Title | Learning Outcome |
|---|---|
| Cultural Literacy and Linguistics | Students will demonstrate a broad knowledge, comprehension, and appreciation of the culture, literature, linguistics, and history of German-speaking countries. |

| Title | Learning Outcome |
|---|---|
| Critical Engagement | Students will communicate effectively in speech and writing about topics related to the culture, literature, and linguistics of German-speaking countries. Their presentations and writing will demonstrate critical thinking, coherent development and organization of ideas, thoughtful analysis, and the ability to connect their ideas to those of relevant scholars and thinkers. |

**Free Form Requirements**

*Complete the following prerequisite courses: Germ 101, 102, 201, 202. Some or all may be waived based on placement exam or challenge*

## 554205 - Classical Studies (Greek option) (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Classical Studies (Greek option) | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 22 | 22 |

| Title | Learning Outcome |
|---|---|
| Mechanics of the Greek language | With minimal and informed recourse to dictionaries grammars commentaries and other translation aids students will be able to read and comprehend the prose and poetry of Classical Greek authors. Specifically they will be able to read and comprehend the writings of Xenophon Homer Plato Euripides and other Greek authors of comparable difficulty. Students will be able to compose Greek sentences and paragraphs in imitation of the style of Classical Greek masters. |

| Title | Learning Outcome |
|---|---|
| Interpretation and analysis of Greek texts | Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts. |

| | Learning Outcome |
|---|---|
| | Students will demonstrate a broad knowledge and comprehension of the history |

*Some or all may be waived based on placement exam or challenge exam. See german.byu.edu for more information or contact the department.*

**Requirement 1 — Complete 2 hours**

*This credit is usually acquired through a challenge exam, study abroad, an internship, or the German House.*

GERM311R Advanced Conversation - Advanced Conversation 1.0v

**Requirement 2 — Complete 5 Courses**

GERM301 German Cultural History - German Cultural History 3.0

GERM302 Germany 20th Century - Germany 20th Century 3.0

GERM303 Germany Today- Germany Today 3.0

GERM343 Intro to German Lit - Intro to German Lit 3.0

GERM344 Intro to German Linguistics - Intro to German Linguistics 3.0

**Requirement 3 — Complete 6 hours**

*R courses (440R, 470R) may be repeated to fulfill this requirement.*

GERM440R Topics in German Literature - Topics in German Literature 3.0

GERM450 Hist of the German Language - Hist of the German Language 3.0

GERM460 Structure of Modern German - Structure of Modern German 3.0

GERM470R Topics in German Linguistics - Topics in German Linguistics 3.0

**Requirement 4 — Complete 9 hours**

*Additional credits of Germ 440R and 470R can be applied here once Requirement 3 is fulfilled.*

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

GERM250 Marx, Nietzsche, Freud - Marx, Nietzsche, Freud 3.0

GERM340 Writing About Literature - Writing About Literature 3.0

GERM345R Field Studies in German - Field Studies in German 1.0v

GERM346 German Art and Architecture - German Art and Architecture 3.0

GERM399R Academic Internship - Academic Internship 0.5v

GERM440R Topics in German Literature - Topics Lit Film Culture 3.0

GERM441R Topics in German Lit (English) - Topics in German Lit (English) 3.0

GERM450 Hist of the German Language - Hist of the German Language 3.0

GERM460 Structure of Modern German - Structure of Modern German 3.0

GERM470R Topics in German Linguistics- Topics in German Linguistics 3.0

**Requirement 5 —Complete 1 Course**

*The following course prepares students for ACTFL proficiency exams. Complete in last year of program.*

| Title | |
|---|---|
| Understanding and contextualizing ancient Greek culture | comprehension of the history literature philosophy and visual arts of Greece from Mycenaean civilization through the Hellenistic Age. |

**Free Form Requirements**

**Requirement 1 — Complete 16 hours**

GREEK from: 201 to: 499

**Requirement 2 — Complete 6 hours**

CL CV from: 100 to: 499

CLSCS from: 100 to: 499

GREEK from: 100 to: 499

*Note: Greek 411R may be taken only once.*

## 554206 - Classical Studies (Latin option) (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Classical Studies (Latin option) | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 22 | 22 |

| Title | Learning Outcome |
|---|---|
| Mechanics of the Latin language | With minimal and informed recourse to dictionaries grammars commentaries and other translation aids students will be able to read and comprehend the prose and poetry of Classical Latin authors. Specifically they will be able to read and comprehend the writings of Caesar Vergil Cicero Tacitus and other Latin authors of comparable difficulty. Students will be able to compose Latin sentences and paragraphs in imitation of the style of Classical Roman masters. |

| Title | Learning Outcome |
|---|---|
| Interpretation and analysis of Latin texts | Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts. |

| Title | Learning Outcome |
|---|---|
| Understanding and contextualizing the culture of Rome | Students will demonstrate a broad knowledge and comprehension of the history literature philosophy and visual arts of Rome from the Regal Period to the decline of the Empire. |

**Free Form Requirements**

**Requirement 1 — Complete 16 hours**

LATIN from: 201 to: 499

**Requirement 2 — Complete 6 hours**

CL CV from: 100 to: 499

CLSCS from: 100 to: 499

LATIN from: 121 to: 499

## 554207 - Latin Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Latin Teaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 27 | 35 |

| Title | Learning Outcome |
|---|---|
| Mechanics of the Latin language | With minimal and informed recourse to dictionaries grammars commentaries and other translation aids students will be able to read and comprehend the prose and poetry of Classical Latin authors. Specifically they will be able to read and comprehend the writings of Caesar Vergil Cicero Tacitus and other Latin authors of comparable difficulty. Students will be able to compose Latin sentences and paragraphs in imitation of the style of Classical Roman masters. |

| Title | Learning Outcome |
|---|---|
| Interpretation and analysis of Latin texts | Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts. |

| Title | Learning Outcome |
|---|---|
| Understanding and contextualizing the culture of Rome | Students will demonstrate a broad knowledge and comprehension of the history literature philosophy and visual arts of Rome from the Regal Period to the decline of the Empire. |

| Title | Learning Outcome |
|---|---|
| Teaching | Demonstrate effective Latin teaching. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance*

*Note: Latin 411R may be taken only once.*

*state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 1 of 2 Options**

*NOTE: Latin 101, 102, 111 may be waived with equivalent language experience.*

**Option 1.1 — Complete 2 Courses**

LATIN101 1st-Year Latin - 1st-Year Latin 4.0

LATIN102 1st-Year Latin - 1st-Year Latin 4.0

**Option 1.2 — Complete 1 Course**

LATIN111 Beginning Latin Accelerated - Beginning Latin Accelerated 5.0

**Requirement 2 — Complete 6 Courses**

*NOTE: The Latin 302 course is the prerequisite for all 400-level Latin prose courses and the Latin 301 course is the prerequisite for all 400-level Latin poetry courses. Concurrent enrollment will be permitted only in rare and special cases and must have the approval both of the classics section head and of the instructor of the 400-level course concerned.*

LATIN201 Intermediate Latin - Intermediate Latin 4.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

LATIN377 Secondary Tchg Procedures - Secondary Tchg Procedures 3.0

LATIN378 Practicum in Teaching Latin - Practicum in Teaching Latin 1.0

LATIN401 Latin Prose Composition - Latin Prose Composition 3.0

**Requirement 3 — Complete 1 Requirement**

**Requirement 3.1 — Complete 6 hours**

LATIN411R Latin Vulgate & Christian Text - Latin Vulgate & Christian Text - *You may take once* 3.0

LATIN430 Livy - Livy 3.0

LATIN431 Vergil - Vergil 3.0

LATIN433 Cicero - Cicero 3.0

LATIN434 Plautus & Terence - Plautus & Terence 3.0

LATIN435 Catullus - Catullus 3.0

LATIN436 Imprl Trag & Epic - Imprl Trag & Epic 3.0

LATIN437 Latin Epistle - Latin Epistle 3.0

LATIN438 Horace - Horace 3.0

LATIN439 Tacitus - Tacitus 3.0

LATIN440 Roman Satire - Roman Satire 3.0

LATIN441 Medieval Latin - Medieval Latin 3.0

LATIN490R Topcs Latin Liter - Topcs Latin Liter - *You may take once* 0.5v

Note 1: One course from Cl Cv 246, 307, 340R, 362, or Clscs 430R may be substituted.

Note 2: Latin 411R may be taken only once.

**Requirement 4 — Complete 1 Course**

LATIN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

## 554210 - Interdisciplinary Humanities (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Interdisciplinary Humanities | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 18 |

| Title | Learning Outcome |
|---|---|
| Cultural and Intellectual History | Demonstrate broad interdisciplinary knowledge of cultural and intellectual history including proficiency in a foreign language. |

| Title | Learning Outcome |
|---|---|
| Proficiency in Interdisciplinary Approaches to Humanities | Demonstrate proficiency in interdisciplinary approaches to the humanistic tradition as well as concentrated coursework in a chosen track. |

| Title | Learning Outcome |
|---|---|
| Critical Thinking | Research and Writing Skills Demonstrate the skills of humanistic study i.e. analyze think critically and write clearly and persuasively. |

| | Learning Outcome |
|---|---|
| | Lifelong Learning Service Prepare for career or post-baccalaureate education through additional concentrated |

## 554211 - International Cinema Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| International Cinema Studies | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 16 |

**Free Form Requirements**

**Requirement 1 — Complete 1 of 6 Courses**

*Note: Will not double count with requirement 2 below.*

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

FREN317 French & Italian Cinema - French & Italian Cinema 3.0

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

TMA102 Introduction to Film - Introduction to Film 3.0

*Note: Fren 317 & Ital 317 are equivalent, as are Germ 217 & Scand 217. Any of these four courses could be used in either Requirement 1 or Requirement 2.*

**Requirement 2 — Complete 1 of 17 Courses**

*Complete one of the following courses from a department different from the course taken in requirement 1 above:*

AM ST360 Film in American Culture - Film in American Culture 3.0

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CL CV261 Gk Rom Cv Lit Film - Gk Rom Cv Lit Film 3.0

CMLIT310 Intro Comp Lit - Intro Comp Lit 3.0

ENGL345 Literature & Film - Literature & Film 3.0

| Title | |
|---|---|
| Post-baccalaureate Preparation | coursework specifically related to individual educational and career goals. |

Free Form Requirements

**Requirement 1 — Complete 4 Courses**

IHUM201 Western Humanities 1 - Western Humanities 1 3.0

IHUM202 Western Humanities 2 - Western Humanities 2 3.0

IHUM250 Intro to Interdisciplinary Hum - Intro to Interdisciplinary Hum 3.0

IHUM350 Interpretation of Lit & Arts - Interpretation of Lit & Arts 3.0

**Requirement 2 — Complete 1 of 7 Courses**

IHUM241 Humanities of East Asia - Humanities of East Asia 3.0

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

IHUM243 Humanities of South Asia - Humanities of South Asia 3.0

IHUM244 Humanities of Africa - Humanities of Africa 3.0

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

IHUM261 AmerHumanities1:Colonial-1876 - AmerHumanities1:Colonial-1876 3.0

IHUM262 AmerHumanities2:1877-Present - AmerHumanities2:1877-Present 3.0

**Requirement 3 — Complete 1 Course**

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take once* 3.0

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

*Meet the GE Languages of Learning requirement.*

FREN317 French & Italian Cinema - French & Italian Cinema 3.0

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PORT438 Luso-Brazilian Cinema - Luso-Brazilian Cinema 3.0

PORT449R Special Topics in Port Lit - Special Topics in Port Lit - *You may take once* 3.0

RUSS343 Masterpieces of Russian Film - Masterpieces of Russian Film 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

TMA291 Media Arts History 1 - Media Arts History 1 3.0

TMA292 Media Arts History 2 - Media Arts History 2 3.0

TMA293 Hist of Documntry&Nonfic Film - Hist of Documntry&Nonfic Film 3.0

TMA294 History of Animation - History of Animation 3.0

10405-001 - Missing course - Contemporary Screens 3.0

**Requirement 3 — Complete 3 hours**

*Complete three credit hours total of the following: (Note: The two registrations MUST BE COMPLETED DURING TWO SEPARATE SEMESTERS/TERMS.)*

ICS290R International Cinema - International Cinema - *You may take once* 1.5

ICS290R International Cinema - International Cinema - *You may take once* 1.5

**Requirement 4 — Complete 1 Course**

ICS390 Film & Media Theory - Film & Media Theory 3.0

**Requirement 5 — Complete 1 of 6 Courses**

*Any 400-level course on a cinematic topic offered by a department in the College of Humanities may be used to fulfill the above requirement. See the advisement center.*

ICS490R Intnatl Cinema Studies Seminar - Intnatl Cinema Studies Seminar - *You may take once* 3.0

TMA477R Issues in Media Arts - Issues in Media Arts - *You may take once* 3.0

TMA492R Media Arts Genres - Media Arts Genres - *You may take once* 3.0

TMA494 Transcendence: Religion & Film - Transcendence: Religion & Film 3.0

TMA497 Media as a Mirror of Our Times - Media as a Mirror of Our Times 3.0

TMA498R Spec Topics in Media Arts - Spec Topics in Media Arts - *You may take once* 3.0

**Requirement 6 — Complete 1 Course**

ICS491 Int Cinema Studies Capstone - Int Cinema Studies Capstone 1.0

## 554216 - Interdisciplinary Humanities (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Interdisciplinary Humanities | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 56 | 87 |

**Major Academic Plan**

MAPS - BA in Interdisciplinary Humanities 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Cultural and Intellectual History | Demonstrate broad interdisciplinary knowledge of cultural and intellectual history including proficiency in a foreign language. |

| Title | Learning Outcome |
|---|---|
| Proficiency in Interdisciplinary Approaches to Humanities | Demonstrate proficiency in interdisciplinary approaches to the humanistic tradition as well as concentrated coursework in a chosen track. |

| Title | Learning Outcome |
|---|---|
| Critical Thinking | Research and Writing Skills Demonstrate the skills of humanistic study i.e. analyze think critically and write clearly and persuasively. |

| Title | Learning Outcome |
|---|---|
| Post-baccalaureate Preparation | Lifelong Learning Service Prepare for career or post-baccalaureate education through additional concentrated coursework specifically related to individual educational and career goals. |

**Free Form Requirements**

*Note: It is strongly recommended that students complete IHum 311: Advanced Writing in Comparative Arts and Humanities to fulfill the GE Advanced Written and Oral Communication requirement.*

**Requirement 1 — Complete 3 Courses**

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

IHUM250 Intro to Interdisciplinary Hum - Intro to Interdisciplinary Hum 3.0

IHUM280R Sophomore Seminar - Sophomore Seminar - *You may take once* 3.0

**Requirement 2 — Complete 2 Courses**

IHUM201 Western Humanities 1 - Western Humanities 1 3.0

## 554220 - Comparative Literature (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Comparative Literature | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 38 | 58 |

**Major Academic Plan**

MAP - BA in Comparative Literature 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Foreign Language Proficiency | Demonstrate the ability to analyze a literary text in at least one language in addition to English. |

| Title | Learning Outcome |
|---|---|
| Literary Analysis and Writing | Use tools and methods of literary analysis central to the discipline of Comparative Literature to read analyze and interpret literary texts closely and critically and in the original language and to communicate that analysis through clear and persuasive writing. |

| Title | Learning Outcome |
|---|---|
| Literary History and Traditions | Articulate a sound understanding of the broad outlines of western literary history including the place of Classical Greek and Roman literature within its development and demonstrate familiarity with the Asian tradition; know the literary traditions of two languages well enough to successfully complete course work and a reading list chosen in consultation with a faculty adviser. |

| Title | Learning Outcome |
|---|---|
| Researching Problems in Literary Studies | Identify and research a problem in literary study by gaining an understanding of the state of knowledge surrounding the issue analyzing the primary and secondary sources relevant to it and formulating and following a method appropriate to the problem. |

**Free Form Requirements**

*It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather*

IHUM202 Western Humanities 2 - Western Humanities 2 3.0

**Requirement 3 — Complete 2 of 5 Options**

**Option 3.1 — Complete 1 Course**

IHUM241 Humanities of East Asia - Humanities of East Asia 3.0

**Option 3.2 — Complete 1 Course**

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

**Option 3.3 — Complete 1 Course**

IHUM243 Humanities of South Asia - Humanities of South Asia 3.0

**Option 3.4 — Complete 1 Course**

IHUM244 Humanities of Africa - Humanities of Africa 3.0

**Option 3.5 — Complete 1 of 2 Courses**

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

**Requirement 4 — Complete 2 of 3 Courses**

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

IHUM261 AmerHumanities1:Colonial-1876 - AmerHumanities1:Colonial-1876 3.0

IHUM262 AmerHumanities2:1877-Present - AmerHumanities2:1877-Present 3.0

**Requirement 5 — Complete 1 of 30 Courses**

*Complete one upper-division foreign language course. For languages not listed, contact the IHUM section head.*

ARAB300 Adv Modern Standard Arabic - Adv Modern Standard Arabic 4.0

ASL301 Advanced ASL - Advanced ASL 3.0

BULGN330 Cultural History of Bulgaria - Cultural History of Bulgaria 3.0

CHIN201 Intermediate Mandarin - Intermediate Mandarin 4.0

CZECH330 Cultural History of Czech - Cultural History of Czech 3.0

DANSH321 Advanced Danish - Advanced Danish 3.0

DUTCH340 Intro to Dutch Literature - Intro to Dutch Literature 3.0

FINN321 Third-Year Finnish - Third-Year Finnish 3.0

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

02404-002 - Missing course - Cultural History of Germany 3.0

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

HEB301 3rd-Year Modern Hebrew 1 - 3rd-Year Modern Hebrew 1 4.0

HUNG330 Cultural History of Hungary - Cultural History of Hungary 3.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 3.0

*than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.*

*Acquire a thorough knowledge of two language traditions relevant to individual program of study (one of these may be English for students who emphasize the Anglo-American literary tradition) (approximately 16-32 hours). Competence will normally be demonstrated in course work, but an examination may be required. If planning advanced work in comparative literature, students should gain reading knowledge of both an additional modern language and a classical language.*

*Complete a reading list (determined in consultation with a faculty advisor) and submit a writing portfolio. During the final semester enroll in CmLit 497 to complete a written examination on the reading list and to have the portfolio reviewed. CmLit 201 & 202, or 211 & 212, are strongly recommended, in part because the reading list core consists of texts treated in these courses. Students who do not complete a literature-based civilization sequence are at a disadvantage in working systematically through the list.*

*Course configuration must be approved by department advisor.*

**Requirement 1 —Complete 1 Course**

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

**Requirement 2 —Complete 1 Requirement**

**Requirement 2.1 —Complete 3 Courses**

CMLIT310 Intro Comp Lit - Intro Comp Lit 3.0

CMLIT342 Asian Lit Traditns - Asian Lit Traditns 3.0

CMLIT497 Reading List Exam - Reading List Exam 1.0

Note: CmLit 310 and a reading knowledge of at least one foreign language are prerequisite to all upper-division comparative literature courses. In addition, completion of CmLit 342 and three comparative literature 400-level seminars is prerequisite to 497.

*IHum 311: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.*

**Requirement 3 —Complete 1 Requirement**

**Requirement 3.1 —Complete 5 Courses**

CMLIT420R Period Studies - Period Studies - *You may take 5 times* 3.0

CMLIT430R Genre Studies - Genre Studies - *You may take 5 times* 3.0

CMLIT440R Theme Studies - Theme Studies - *You may take 5 times* 3.0

CMLIT450R Literary Relations - Literary Relations - *You may take 5 times* 3.0

CMLIT460R Literary Theory - Literary Theory - *You may take 5 times* 3.0

Note: While variety is recommended, students may take more than one section of the same "R" suffix courses (e.g., two 420Rs, etc.).

**Requirement 4 —Complete 1 of 2 Options**

**Option 4.1 —Complete 1 of 4 Courses**

JAPAN301 Japanese Reading & Culture - Japanese Reading & Culture 4.0

KOREA301 Third-Year Korean 1 - Third-Year Korean 1 4.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATVI330 Cultural History of Latvia - Cultural History of Latvia 3.0

NORWE321 Advanced Norwegian - Advanced Norwegian 3.0

POLSH330 Cultural History of Poland - Cultural History of Poland 3.0

PORT206 Intensive Port Skills Develop - 3rd-Yr Port Read, Gram, & Cult 3.0

ROM340 Intro toRomanian Liter&Culture - Intro toRomanian Liter&Culture 3.0

RUSS321 3rd Yr Russian, Part 1 - 3rd Yr Russian, Part 1 3.0

SLN330 Adv Lang & Cult: Slovene - Adv Lang & Cult: Slovene 3.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SRBCR 330 - Cultural Hist FormerYugoslavia - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

SWED321 Advanced Swedish - Advanced Swedish 3.0

UKRAI330 Cultural History of Ukraine - Cultural History of Ukraine 3.0

WELSH201 Second Year Welsh - Second Year Welsh 4.0

**Requirement 6 — Complete 2 Courses**

IHUM350 Interpretation of Lit & Arts - Interpretation of Lit & Arts 3.0

IHUM370 Contemporary Issues - Contemporary Issues 3.0

**Requirement 7 — Complete 1 Course**

IHUM390R Junior Seminar - Junior Seminar - *You may take once* 3.0

**Requirement 8 — Complete 1 Requirement**

*Note: Students choosing Option 8.1, the internship course (IHum 399R), will work with the IHum internship coordinator; students choosing one of the other alternatives listed under Option 8.2 must gain approval from the IHum section head.*

**Requirement 8.1 — Complete 1 Course**

IHUM399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

**Requirement 8.2 — Obtain confirmation from your advisement center that you have completed the following:**

*Complete an equivalent type of experiential learning opportunity such as Study Abroad, field studies, ORCA fellowships, Honors thesis, or mentored research project.*

Complete an equivalent type of experiential learning opportunity such as Study Abroad, field studies, ORCA fellowships, Honors thesis, or mentored research project.

**Requirement 9 — Complete 1 of 7 Options**

*Complete 12 hours in one of the following tracks as approved by a faculty advisor. At least 6 of the 12 hours must be from upper division courses.*

*Complete an upper-division literature course in Greek or Latin:*

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

**Option 4.2 —Complete 1 of 3 Courses**

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

CL CV355 Clscs & Engl Trad - Clscs & Engl Trad 3.0

**Requirement 5 —Complete 12 hours**

*The following courses deal with texts in the original language. These courses must be in addition to previous requirements. Although English courses may be taken, courses must be taken in at least one other language as well.*

**Option 5.1 —Complete at least 3 hours up to 12 hours**

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take once* 2.0

ARAB425R Classical Arabic Texts - Classical Arabic Texts - *You may take once* 2.0

ARAB531R Adv Study Arab - Adv Study Arab - *You may take once* 0.5v

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

CHIN445R Chinese Poetry - Chinese Poetry - *You may take once* 3.0

CMLIT320 Junior Seminar - Junior Seminar 3.0

DANSH340 Danish Literature - Danish Literature 3.0

DUTCH340 Intro to Dutch Literature - Intro to Dutch Literature 3.0

FINN340 Finnish Literature - Finnish Literature 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period,Mvmt & Theme - *You may take once* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take once* 3.0

FREN454R Studies in Author - Studies in Author - *You may take once* 3.0

FREN455R Studies in Literary Theory - Studies in Literary Theory - *You may take once* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take once* 3.0

GERM440R Topics in German Literature - Topics in German Literature - *You may take once* 3.0

GERM 441R - Studies in Literary Genres - *You may take once* 1.0v

GERM 442R - Major German Authors - *You may take once - This course is no longer available for registration and will count only if you*

**Option 9.1 — Obtain confirmation from your advisement center that you have completed the following:**

A. Double Major or Minor Track: Courses from a double major or minor in a field relevant to the student's Interdisciplinary Humanities studies may be used to satisfy this requirement. Contact the Interdisciplinary Section Head for more information about utilizing this option.

**Option 9.2 — Complete 12 hours**

*B. Art History Track:*

ARTED397 Issues in Contemporary Art - Issues in Contemporary Art 3.0

ARTHC304 Greek Art - Greek Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC350 Modern Art - Modern Art 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

ARTHC365 Amer Architecture - Amer Architecture 3.0

ARTHC367 Modern Architectur - Modern Architectur 3.0

ARTHC375 Japanese Art & Architecture - Japanese Art & Architecture 3.0

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art 3.0

ARTHC382 Southern Mesoamerican Art - Southern Mesoamerican Art 3.0

ARTHC490R Spec Top Read Arth - Spec Top Read Arth - *You may take once* 1.0v

**Option 9.3 — Complete 12 hours**

*C. English Track:*

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

ELANG 324 - Hist of the English Language 3.0

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

ENGL300R Brit Liter in Cultural Setting - Brit Liter in Cultural Setting - *You may take once* 0.5v

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL 333 - The British Novel - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.*

*completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0v

GERM 443R - Studies in Literary Theory - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0v

GERM498R Professional Development Sem - Professional Development Sem - *You may take once* 3.0

GREEK411R Greek NT & Christian Texts - Greek NT & Christian Texts - *You may take once* 3.0

GREEK430 Herodotus - Herodotus 3.0

GREEK431 Homer, the Odyssey - Homer, the Odyssey 3.0

GREEK433 Thucydides - Thucydides 3.0

GREEK434 Sophocles & Euripides - Sophocles & Euripides 3.0

GREEK435 Greek Lyric Poetry - Greek Lyric Poetry 3.0

GREEK436 Plato - Plato 3.0

GREEK437 Attic Orators - Attic Orators 3.0

GREEK490R Topcs Greek Liter - Topcs Greek Liter - *You may take once* 0.5v

HEB331 3rd-yr Biblical Hebrew 1 - 3rd-yr Biblical Hebrew 1 4.0

HEB 431 - Rdngs in Hebrew Scriptures 2 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 4.0

HEB432R Ancient Hebrew Texts - Ancient Hebrew Texts - *You may take once* 2.0

HEB441 Mishnah - Mishnah 2.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

ITAL 441 - Late Middle Ages & Renais Lit - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ITAL 442 - Ital Lit in the Age of Reform - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ITAL 443 - Romantic Period Literature - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ITAL 444 - Ital Lit 20th Cent - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ITAL460 Dante's Divine Comedy - Dante's Divine Comedy 3.0

ITAL495R Senior Seminar - Senior Seminar - *You may take once* 3.0

JAPAN441 Intro to Classical Japanese - Intro to Classical Japanese 3.0

JAPAN444 Toward Superior Japanese: Lit - Toward Superior Japanese:

3.0

ENGL 336 - The American Novel - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL338 Literary Studies of the Bible - Literary Studies of the Bible 3.0

ENGL 341 - British Drama to 1800 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 343 - Modern British Drama - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL345 Literature & Film - Literature & Film 3.0

ENGL355 Classics & the Engl Tradition - Classics & the Engl Tradition 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

ENGL 358R - Native Amer Lit 1900-Present - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 359 - The Short Story - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 360 - American Lit to 1800 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 361 - American Lit 1800 - 1865 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 362 - American Lit 1865 - 1914 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 363 - American Lit 1914-1960 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 365 - American Lit 1960 - Present - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 366 - Studies in Poetry - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL368 Lit of the Latter-day Saints - Lit of the Latter-day Saints 3.0

ENGL 371 - British Lit to 1500 - *This course is no longer available for registration and will count only if you completed it while it was offered*

Lit 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

KOREA495 Senior Seminar - Senior Seminar 2.0

LATIN411R Latin Vulgate & Christian Text - Latin Vulgate & Christian Text - *You may take once* 3.0

LATIN430 Livy - Livy 3.0

LATIN431 Vergil - Vergil 3.0

LATIN432 Ovid - Ovid 3.0

LATIN433 Cicero - Cicero 3.0

LATIN434 Plautus & Terence - Plautus & Terence 3.0

LATIN435 Catullus - Catullus 3.0

LATIN436 Imprl Trag & Epic - Imprl Trag & Epic 3.0

LATIN437 Latin Epistle - Latin Epistle 3.0

LATIN438 Horace - Horace 3.0

LATIN439 Tacitus - Tacitus 3.0

LATIN440 Roman Satire - Roman Satire 3.0

LATIN441 Medieval Latin - Medieval Latin 3.0

LATIN490R Topcs Latin Liter - Topcs Latin Liter - *You may take once* 0.5v

NORWE340 Norwegian Literature - Norwegian Literature 3.0

PHIL414R Philosophy of Art - Philosophy of Art - *You may take once* 3.0

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT431R African Portuguese Lit - African Portuguese Lit - *You may take once* 3.0

PORT442 Camoes - Camoes 3.0

PORT449R Special Topics in Port Lit - Special Topics in Port Lit - *You may take once* 3.0

PORT452 Machado de Assis - Machado de Assis 3.0

PORT453 20th-Century Brazilian Lit - 20th-Century Brazilian Lit 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazil Lit - *You may take once* 3.0

PORT 462R - Lusophone Literature - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

RUSS441 Russian Literature 1 - Russian Literature 1 3.0

RUSS442 Russian Literature 2 - Russian Literature 2 3.0

RUSS490R Special Studies in Russian - Special Studies in Russian - *You may take once* 0.5v

RUSS492R Senior Seminar - Senior Seminar - *You may take once* 2.0

*registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 372 - British Lit 1500 - 1603 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 373 - British Lit 1660 - 1789 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 374 - British Lit 1789 - 1832 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 375 - British Lit 1832 - 1900 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 376 - British Lit 1900 - 1950 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 380 - British Lit 1950 - Present - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 381 - Chaucer - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 382 - Shakespeare - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 383 - Milton - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL 385 - British Lit 1603 - 1660 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL391 Introduction to Folklore - Introduction to Folklore 3.0

ENGL392 American Folklore - American Folklore 3.0

ENGL 393R - Studies Folklore - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL395R Studies in Literature - Studies in Literature - *You may take once* 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

ENGL 451 - Literary Thry 1: Critical Trad - *This course is no longer*

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN439R Hisp Theatre Prod - Hisp Theatre Prod - *You may take once* 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit - *You may take once* 3.0

SPAN444 Don Quijote - Don Quijote 3.0

SPAN448R 20th Century Lit - 20th Century Lit - *You may take once* 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit - *You may take once* 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take once* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take once* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take once* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take once* 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story - *You may take once* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take once* 3.0

SWED340 Swedish Literature - Swedish Literature 3.0

**Option 5.2 —Complete up to 9 hours**

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

ENGL 333 - The British Novel - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 336 - The American Novel - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL 341 - British Drama to 1800 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 343 - Modern British Drama - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL355 Classics & the Engl Tradition - Classics & the Engl Tradition 3.0

ENGL 358R - Native Amer Lit 1900-Present - *You may take once - This*

*available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 452 - Literary Thry 2:Contemp Crit - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

**Option 9.4 — Complete 12 hours**

*D. Environmental Humanities Track:*

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

ANTHR300 Biological Anthropology - Biological Anthropology 3.0

BIO130 Biology - Biology 4.0

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO 347 - Religion & the Environment - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

BIO350 Ecology - Ecology 3.0

BIO370 Bioethics - Bioethics 2.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

HIST290 Nature & History - Nature & History 3.0

PWS100 Plants in the Environment - Plants in the Environment 3.0

PWS101 Cult Hist of Medicinal Plants - Cult Hist of Medicinal Plants 3.0

**Option 9.5 — Obtain confirmation from your advisement center that you have completed the following:**

E. Foreign Literature Track: Course work for the Foreign Literature track must consist of upper-division courses from foreign language departments, chosen in consultation with the track's faculty advisor.

**Option 9.6 — Complete 12 hours**

*F. History Track:*

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST242R Arab & Islamic Civilization - Arab & Islamic Civilization - *You may take once* 1.0v

HIST243R Jewish Civilization - Jewish Civilization - *You may take once* 1.0v

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST247 Greek History - Greek History 3.0

HIST248 Roman History - Roman History 3.0

*course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 359 - The Short Story - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 360 - American Lit to 1800 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 361 - American Lit 1800 - 1865 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 362 - American Lit 1865 - 1914 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 363 - American Lit 1914-1960 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 365 - American Lit 1960 - Present - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 366 - Studies in Poetry - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL368 Lit of the Latter-day Saints - Lit of the Latter-day Saints 3.0

ENGL 371 - British Lit to 1500 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 372 - British Lit 1500 - 1603 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 373 - British Lit 1660 - 1789 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 374 - British Lit 1789 - 1832 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 375 - British Lit 1832 - 1900 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 376 - British Lit 1900 - 1950 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST290 Nature & History - Nature & History 3.0

HIST 291 - History of Science - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

10493-000 - Missing course - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST 310 - Euro Economic Hist - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST 320 - Society in Europe - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST335 Crusades - Crusades 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 Early Japan - Early Japan 3.0

ENGL 380 - British Lit 1950 - Present - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 381 - Chaucer - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 382 - Shakespeare - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 383 - Milton - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL 385 - British Lit 1603 - 1660 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 390R - Transnation/Transatlantic Lit - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST364 Utah - Utah 3.0

HIST365 American South - American South 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1830-present 3.0

HIST 388 - Indians in Colonial America - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST390R Special Topics - Special Topics - *You may take once* 0.5v

HIST391 The Vietnam War - The Vietnam War 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

**Option 9.7 — Complete 12 hours**

*G. Media Arts (Film) Track:*

CMLIT450R Literary Relations - Literary Relations - *You may take once* 3.0

ENGL345 Literature & Film - Literature & Film 3.0

FREN317 French & Italian Cinema - French & Italian Cinema 3.0

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

ICS490R Intnatl Cinema Studies Seminar - Intnatl Cinema Studies Seminar - *You may take once* 3.0

IHUM390R Junior Seminar - Junior Seminar - *You may take once* 3.0

ITAL317 French & Italian Cinema - French & Italian Cinema 3.0

RUSS343 Masterpieces of Russian Film - Masterpieces of Russian Film 3.0

SCAND217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

TMA477R Issues in Media Arts - Issues in Media Arts - *You may take once* 3.0

TMA492R Media Arts Genres - Media Arts Genres - *You may take once* 3.0

TMA494 Transcendence: Religion & Film - Transcendence: Religion & Film 3.0

TMA497 Media as a Mirror of Our Times - Media as a Mirror of Our Times 3.0

TMA498R Spec Topics in Media Arts - Spec Topics in Media Arts - *You may take once* 3.0

Note: IHum 390R only qualifies when it is on a film or media arts topic. It cannot simultaneously satisfy requirement 8.

**Option 9.8 — Complete 12 hours**

*H. Philosophy Track:*

PHIL110 Introduction to Philosophy - Introduction to Philosophy 3.0

PHIL210 Science & Civilization 1 - Science & Civilization 1 3.0

PHIL211 Science & Civilization 2 - Science & Civilization 2 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215 Intro Philosophy of Religion - Intro Philosophy of Religion 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

You may take once 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHIL414R Advanced Philosophy of Art - Advanced Philosophy of Art - *You may take once* 3.0

PHIL415 Philosophy of Religion - Philosophy of Religion 3.0

PHIL416 Philosophy of Law - Philosophy of Law 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

**Option 9.9 — Complete 2 Requirements**

*I. Theatre Track:*

**Requirement 9.9.1 — Complete 9 hours**

11551-002 - Missing course - Contemp Performance Practices 2.0

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA380 Production Dramaturgy - Dramaturgy 1 3.0

TMA395 Dramatic Literature 1 - Dramatic Literature 3.0

TMA 396 - Dramatic Literature 2 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

TMA443R WDA Workshop - WDA Workshop - *You may take once* 3.0

TMA485R Dramaturgy Practicum - Production Dramaturgy - *You may take once* 1.0v

**Requirement 9.9.2 — Complete 3 hours**

DANCE359R Special Topics & Issues - Special Topics & Issues - *You may take once* 2.0

ENGL 341 - British Drama to 1800 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 343 - Modern British Drama - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

GREEK434 Sophocles & Euripides - Sophocles & Euripides 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take once* 3.0

**Requirement 10 — Complete 6 hours**

*Complete six hours of the following capstone course (take twice):*

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take 2 times* 3.0

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take 2 times* 3.0

## 554231 - Latin Teaching (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Latin Teaching | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 66 | 74 |

**Major Academic Plan**

MAPS - BA in Latin Teaching 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Mechanics of the Latin language | With minimal and informed recourse to dictionaries grammars commentaries and other translation aids students will be able to read and comprehend the prose and poetry of Classical Latin authors. Specifically they will be able to read and comprehend the writings of Caesar Vergil Cicero Tacitus and other Latin authors of comparable difficulty. Students will be able to compose Latin sentences and paragraphs in imitation of the style of Classical Roman masters. |

| Title | Learning Outcome |
|---|---|
| Interpretation and analysis of Latin texts | Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts. |

| Title | Learning Outcome |
|---|---|
| Understanding and contextualizing the culture of Rome | Students will demonstrate a broad knowledge and comprehension of the history literature philosophy and visual arts of Rome from the Regal Period to the decline of the Empire. |

| Title | Learning Outcome |
|---|---|
| Teaching | Demonstrate effective Latin teaching. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the*

## 554245 - Classical Studies: Greek Emphasis (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Classical Studies: Greek Emphasis | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 46 | 46 |

**Major Academic Plan**

MAP - BA in Classical Studies Greek Emphasis 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Mechanics of the Greek language | With minimal and informed recourse to dictionaries, grammars, commentaries, and other translation aids, students will be able to read and comprehend the prose and poetry of Classical Greek authors. Specifically, they will be able to read and comprehend the writings of Xenophon, Homer, Plato, Euripides, and other Greek authors of comparable difficulty. Students will be able to compose Greek sentences and paragraphs in imitation of the style of Classical Greek masters. |

| Title | Learning Outcome |
|---|---|
| Interpretation and analysis of Greek texts | Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts. |

| Title | Learning Outcome |
|---|---|
| Understanding and contextualizing ancient Greek culture | Students will demonstrate a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Greece from Mycenaean civilization through the Hellenistic Age. |

**Free Form Requirements**

*Emphasizes Greek language and literature, with some work in Greek civilization.*

*It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for*

*state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*A teaching minor in another subject is strongly recommended. Teaching opportunities in public schools may be significantly reduced without a second teaching subject that a teaching minor provides.*

**Requirement 1 — Complete 1 Course**

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

**Requirement 2 — Complete 2 Courses**

CL CV246 Golden Age of Rome - Golden Age of Rome 3.0

CL CV307 Roman History - Roman History 3.0

**Requirement 3 — Complete 1 of 2 Options**

*Note: Latin 101, 102, 111 may be waived with equivalent language experience.*

**Option 3.1 — Complete 2 Courses**

LATIN101 1st-Year Latin - 1st-Year Latin 4.0

LATIN102 1st-Year Latin - 1st-Year Latin 4.0

**Option 3.2 — Complete 1 Course**

LATIN111 Beginning Latin Accelerated - Beginning Latin Accelerated 5.0

**Requirement 4 — Complete 6 Courses**

*NOTE: The Latin 302 course is the prerequisite for all 400-level Latin prose courses and the Latin 301 course is the prerequisite for all 400-level Latin poetry courses. Concurrent enrollment will be permitted only in rare and special cases and must have the approval both of the classics section head and of the instructor of the 400-level course concerned.*

LATIN201 Intermediate Latin - Intermediate Latin 4.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

LATIN377 Secondary Tchg Procedures - Secondary Tchg Procedures 3.0

LATIN378 Practicum in Teaching Latin - Practicum in Teaching Latin 1.0

LATIN401 Latin Prose Composition - Latin Prose Composition 3.0

**Requirement 5 — Complete 1 of 3 Courses**

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

*them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.*

**Requirement 1 —Complete 1 Course**

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

**Requirement 2 —Complete 1 of 3 Courses**

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV201 Classical Tradition 1 - Classical Tradition 1 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

**Requirement 3 —Complete 1 Requirement**

**Requirement 3.1 —Complete 10 Courses**

CL CV245 Golden Age of Greece - Golden Age of Greece 3.0

CL CV304 Greek History - Greek History 3.0

CLSCS297 Pro-Seminar - Pro-Seminar 2.0

CLSCS497 Exit Exam - Exit Exam 1.0

GREEK101 First-Year Greek - First-Year Greek 4.0

GREEK102 First-Year Greek - First-Year Greek 4.0

GREEK201 Intermediate Greek - Intermediate Greek 4.0

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

GREEK401 Greek Prose Composition - Greek Prose Composition 3.0

Note 1: Greek 101, 102 may be waived with equivalent language experience.

Note 2: The Greek 302 course is the prerequisite for all 400-level prose courses and the Greek 301 course is the prerequisite for all 400-level poetry courses. Concurrent enrollment will be permitted only in rare and special cases and must have the approval both of the classics section head and the instructor of the 400-level course concerned.

*IHum 311: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.*

**Requirement 4 —Complete 1 Requirement**

**Requirement 4.1 —Complete 12 hours**

CL CV340R Topics in Classical Lit & Civ - Topics in Classical Lit & Civ - *You may take once* 3.0

CLSCS420 Ancient Literary Criticism - Ancient Literary Criticism 3.0

CLSCS490R Seminar in Classical Lit - Seminar in Classical Lit - *You may take once* 3.0

GREEK411R Greek NT & Christian Texts - Greek NT & Christian Texts - *You may take once* 3.0

GREEK430 Herodotus - Herodotus 3.0

GREEK431 Homer, the Odyssey - Homer, the Odyssey 3.0

GREEK433 Thucydides - Thucydides 3.0

CL CV201 Classical Tradition 1 - Classical Tradition 1 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

**Requirement 6 — Complete 1 Requirement**

**Requirement 6.1 — Complete 12 hours**

CLSCS420 Ancient Literary Criticism - Ancient Literary Criticism 3.0

CLSCS490R Seminar in Classical Lit - Seminar in Classical Lit - *You may take once* 3.0

HIST430R Topics: Ancient Greek History - Topics: Ancient Greek History - *You may take once* 3.0

LATIN411R Latin Vulgate & Christian Text - Latin Vulgate & Christian Text - *You may take once* 3.0

LATIN430 Livy - Livy 3.0

LATIN431 Vergil - Vergil 3.0

LATIN432 Ovid - Ovid 3.0

LATIN433 Cicero - Cicero 3.0

LATIN434 Plautus & Terence - Plautus & Terence 3.0

LATIN435 Catullus - Catullus 3.0

LATIN436 Imprl Trag & Epic - Imprl Trag & Epic 3.0

LATIN437 Latin Epistle - Latin Epistle 3.0

LATIN438 Horace - Horace 3.0

LATIN439 Tacitus - Tacitus 3.0

LATIN440 Roman Satire - Roman Satire 3.0

LATIN441 Medieval Latin - Medieval Latin 3.0

LATIN490R Topcs Latin Liter - Topcs Latin Liter - *You may take once* 0.5v

Note: Latin 411R may be taken only once.

*IHum 311: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.*

**Requirement 7 — Complete 2 Requirements**

*Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.*

**Requirement 7.1 — Complete 7 Courses**

*NOTE: FBI fingerprint and background clearance must be completed before enrollment in FLang 276.*

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

FLANG276 Exploration-Tchg Foreign Lang - Exploration-Tchg Foreign Lang 4.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 Ed Tec 2 - Integrating K-12 Ed Tec 2 1.0

GREEK434 Sophocles & Euripides - Sophocles & Euripides 3.0

GREEK435 Greek Lyric Poetry - Greek Lyric Poetry 3.0

GREEK436 Plato - Plato 3.0

GREEK437 Attic Orators - Attic Orators 3.0

GREEK490R Topcs Greek Liter - Topcs Greek Liter - *You may take once* 0.5v

HIST430R Topics: Ancient Greek History - Topics: Ancient Greek History - *You may take once* 3.0

Note: Greek 411R or Cl Cv 340R may be taken only once each.

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

**Requirement 7.2 — Complete 12 hours**

SC ED 476R - Student Tchg Intrnshp-F Lang - *You may take up to 12.0 credit hours - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 12.0

SC ED496R Academic Internship--English - Academic Internship - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns must complete three forms in their LiveText accounts (PIBS, CDS, FED) and attach their TWS to the LiveText account for their program. All four must be completed to be cleared for graduation.

## 554246 - Classical Studies: Latin Emphasis (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Classical Studies: Latin Emphasis | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 43 | 46 |

**Major Academic Plan**

MAPS - BA in Classical Studies Latin Emphasis 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Mechanics of the Latin language | With minimal and informed recourse to dictionaries, grammars, commentaries, and other translation aids, students will be able to read and comprehend the prose and poetry of Classical Latin authors. Specifically, they will be able to read and comprehend the writings of Caesar, Vergil, Cicero, Tacitus, and other Latin authors of comparable difficulty. Students will be able to compose Latin sentences and paragraphs in imitation of the style of Classical Roman masters. |

| Title | Learning Outcome |
|---|---|
| Interpretation and analysis of Latin texts | Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts. |

| | Learning Outcome |
|---|---|

## 554247 - Classical Studies: Classics (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Classical Studies: Classics | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 61 | 64 |

**Major Academic Plan**

MAP - BA in Classical Studies- Classics 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Mechanics of the Greek and Latin languages | With minimal and informed recourse to dictionaries, grammars, commentaries, and other translation aids, students will be able to read and comprehend the prose and poetry of Classical Greek and Latin authors. For example, they will be able to read and comprehend the writings of Caesar, Xenophon, Cicero, Plato, Homer, Vergil, and other Greek and Latin authors of comparable difficulty. Students will be able to compose Greek and/or Latin sentences and paragraphs in imitation of the style of Classical Greek and Latin masters. |

| Title | Learning Outcome |
|---|---|
| Interpretation and analysis of Greek and Latin texts | Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts. |

| | |
|---|---|
| Title<br>Understanding and contextualizing the culture of Rome | Learning Outcome<br>Students will demonstrate a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Rome from the Regal Period to the decline of the Empire. |

**Free Form Requirements**

*Emphasizes Latin language and literature, with some work in Roman civilization.*

*It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.*

**Requirement 1 —Complete 1 Course**

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

**Requirement 2 —Complete 1 of 3 Courses**

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV201 Classical Tradition 1 - Classical Tradition 1 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

**Requirement 3 —Complete 2 Courses**

CL CV246 Golden Age of Rome - Golden Age of Rome 3.0

CL CV307 Roman History - Roman History 3.0

**Requirement 4 —Complete 1 of 2 Options**

*Note: Latin 101, 102, 111 may be waived with equivalent language experience.*

**Option 4.1 —Complete 2 Courses**

LATIN101 1st-Year Latin - 1st-Year Latin 4.0

LATIN102 1st-Year Latin - 1st-Year Latin 4.0

**Option 4.2 —Complete 1 Course**

LATIN111 Beginning Latin Accelerated - Beginning Latin Accelerated 5.0

**Requirement 5 —Complete 6 Courses**

*Note: The Latin 302 course is the prerequisite for all 400-level prose courses and the Latin 301 course is the prerequisite for all 400-level poetry courses. Concurrent enrollment will be permitted only in rare and special cases and must have the approval both of the classics section head and the instructor of the 400-level course concerned.*

CLSCS297 Pro-Seminar - Pro-Seminar 2.0

CLSCS497 Exit Exam - Exit Exam 1.0

LATIN201 Intermediate Latin - Intermediate Latin 4.0

| | |
|---|---|
| Title<br>Understanding and contextualizing Classical cultures | Learning Outcome<br>Students will demonstrate a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Greece from the Mycenaean civilization through the Hellenistic Age, and of Rome from the Regal Period to the decline of the Empire. |

**Free Form Requirements**

*Emphasizes Greek and Latin literature and language, with some work in Classical Civilization.*

*It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.*

**Requirement 1 — Complete 1 Course**

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

**Requirement 2 — Complete 1 of 3 Courses**

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV201 Classical Tradition 1 - Classical Tradition 1 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

**Requirement 3 — Complete 5 Courses**

*Greek courses (note: Greek 101, 102 may be waived with equivalent language experience):*

GREEK101 First-Year Greek - First-Year Greek 4.0

GREEK102 First-Year Greek - First-Year Greek 4.0

GREEK201 Intermediate Greek - Intermediate Greek 4.0

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

**Requirement 4 — Complete 1 of 2 Options**

*Latin courses (note: Latin 101, 102 or 111 may be waived with equivalent language experience):*

**Option 4.1 — Complete 2 Courses**

LATIN101 1st-Year Latin - 1st-Year Latin 4.0

LATIN102 1st-Year Latin - 1st-Year Latin 4.0

**Option 4.2 — Complete 1 Course**

LATIN111 Beginning Latin Accelerated - Beginning Latin Accelerated 5.0

**Requirement 5 — Complete 3 Courses**

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

LATIN401 Latin Prose Composition - Latin Prose Composition 3.0

*IHum 311: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.*

**Requirement 6 —Complete 1 Requirement**

**Requirement 6.1 —Complete 12 hours**

CL CV340R Topics in Classical Lit & Civ - Topics in Classical Lit & Civ - *You may take once* 3.0

CLSCS420 Ancient Literary Criticism - Ancient Literary Criticism 3.0

CLSCS490R Seminar in Classical Lit - Seminar in Classical Lit - *You may take once* 3.0

HIST430R Topics: Ancient Greek History - Topics: Ancient Greek History - *You may take once* 3.0

LATIN411R Latin Vulgate & Christian Text - Latin Vulgate & Christian Text - *You may take once* 3.0

LATIN430 Livy - Livy 3.0

LATIN431 Vergil - Vergil 3.0

LATIN432 Ovid - Ovid 3.0

LATIN433 Cicero - Cicero 3.0

LATIN434 Plautus & Terence - Plautus & Terence 3.0

LATIN435 Catullus - Catullus 3.0

LATIN436 Imprl Trag & Epic - Imprl Trag & Epic 3.0

LATIN437 Latin Epistle - Latin Epistle 3.0

LATIN438 Horace - Horace 3.0

LATIN439 Tacitus - Tacitus 3.0

LATIN440 Roman Satire - Roman Satire 3.0

LATIN441 Medieval Latin - Medieval Latin 3.0

LATIN490R Topcs Latin Liter - Topcs Latin Liter - *You may take once* 0.5v

Note: Latin 411R and Cl Cv 340R may be taken only once each.

LATIN201 Intermediate Latin - Intermediate Latin 4.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

*In both languages the 302 course is the prerequisite for all 400-level prose courses in the same language and the 301 course is the prerequisite for all 400-level poetry courses in the same language. Concurrent enrollment will be permitted only in rare and special cases and must have the approval both of the classics section head and of the instructor of the 400-level course concerned.*

**Requirement 6 — Complete 1 of 2 Courses**

CL CV245 Golden Age of Greece - Golden Age of Greece 3.0

CL CV246 Golden Age of Rome - Golden Age of Rome 3.0

*IHum 311: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.*

**Requirement 7 — Complete 4 Courses**

CL CV304 Greek History - Greek History 3.0

CL CV307 Roman History - Roman History 3.0

CLSCS297 Pro-Seminar - Pro-Seminar 2.0

CLSCS497 Exit Exam - Exit Exam 1.0

**Requirement 8 — Complete 1 of 2 Courses**

GREEK401 Greek Prose Composition - Greek Prose Composition 3.0

LATIN401 Latin Prose Composition - Latin Prose Composition 3.0

**Requirement 9 — Complete 9 hours**

Complete three additional courses (at least one Greek and one Latin) from the following:

**Option 9.1 — Complete up to 9 hours**

GREEK from: 400 to: 599

LATIN from: 400 to: 599

**Option 9.2 — Complete up to 9 hours**

CL CV340R Topics in Classical Lit & Civ - Topics in Classical Lit & Civ - *You may take once* 3.0

CLSCS420 Ancient Literary Criticism - Ancient Literary Criticism 3.0

CLSCS490R Seminar in Classical Lit - Seminar in Classical Lit - *You may take up to 6.0 credit hours* 3.0

HIST430R Topics: Ancient Greek History- Topics: Ancient Greek History - *You may take up to 6.0 credit hours* 3.0

Note: Greek 411R, Latin 411R, and Cl Cv 340R may be counted only once each toward major requirements.

## 554248 - Classical Studies: Classical Civilization (BA)

### Program Information

| Program Title | Degree |
|---|---|

## 554901 - Linguistics (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Linguistics | MIN |

| Program Title | Degree |
|---|---|
| Classical Studies: Classical Civilization | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 37 | 40 |

**Major Academic Plan**

MAP - BA in Classical Studies- Classical Civilization 2023-2024.pdf

| | Learning Outcome |
|---|---|
| **Title** | |
| Mechanics of the Greek or Latin language | Students are required to take one year of either Latin or Greek, and while they may continue on with their language study, they are required to have only an introductory experience. Students will, however, will engage ancient authors in translatin. |

| | Learning Outcome |
|---|---|
| **Title** | |
| Interpretation and analysis of Greek or Latin texts | Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts. |

| | Learning Outcome |
|---|---|
| **Title** | |
| Understanding and contextualizing Classical cultures | Students will demonstrate a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Greece from the Mycenaean civilization through the Hellenistic Age, and of Rome from the Regal Period to the decline of the Empire. |

**Free Form Requirements**

**Requirement 1 — Complete 1 Course**

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

**Requirement 2 — Complete 14 hours**

**Option 2.1 — Complete 6 hours**

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV201 Classical Tradition 1 - Classical Tradition 1 3.0

CL CV202 Classical Tradition 2 - Classical Tradition 2 3.0

**Option 2.2 — Complete up to 8 hours**

GREEK101 First-Year Greek - First-Year Greek 4.0

GREEK102 First-Year Greek - First-Year Greek 4.0

LATIN101 1st-Year Latin - 1st-Year Latin 4.0

LATIN102 1st-Year Latin - 1st-Year Latin 4.0

LATIN111 Beginning Latin Accelerated - Beginning Latin Accelerated 5.0

| Variable Credit Min | Variable Credit Max |
|---|---|
| 15 | 15 |

| | Learning Outcome |
|---|---|
| **Title** | |
| Language Structure | Demonstrate foundational knowledge of language structure analytical techniques of linguistics and linguistic theory in core areas of linguistics. |

**Free Form Requirements**

**Requirement 1 — Complete 1 Course**

LING201 Intro to Linguistics (Modern) - Intro to Linguistics (Modern) 3.0

**Requirement 2 — Complete 2 of 4 Courses**

LING210 Sounds of Language - Sounds of Language 3.0

LING220 Structure in Language - Structure in Language 3.0

LING230 Meaning in Language - Meaning in Language 3.0

LING240 Linguistic Tools 1 - Linguistic Tools 1 3.0

**Requirement 3 — Complete 6 hours**

Complete 6 hours of electives from other Linguistics course work.

LING110 Introduction to Human Language - Introduction to Human Language 3.0

LING198 Career Explorations in Ling. - Career Explorations in Ling. 2.0

LING210 Sounds of Language - Sounds of Language 3.0

LING220 Structure in Language - Structure in Language 3.0

LING230 Meaning in Language - Meaning in Language 3.0

LING240 Linguistic Tools 1 - Linguistic Tools 1 3.0

ELING310R Multilingual Writing Tutorial - Phonetics 3.0

LING315 Phonology - Phonology 3.0

LING320 Morphology - Morphology 3.0

LING325 Syntax - Syntax 3.0

LING332 Semantics - Semantics 3.0

LING335 Pragmatics - Pragmatics 3.0

LING361 Speech Processing - Speech Processing 3.0

LING366 Soc. Media/Mrkt. Analysis - Soc. Media/Mrkt. Analysis 3.0

LING377R Basic Training in TESOL - Basic Training in TESOL - *You may take once* 0.5v

LING399R Academic Internship: Ling - Academic Internship: Ling - *You may take once* 0.5v

LING421R Studies in Linguistics - Studies in Linguistics - *You may take once* 3.0

LING440 Linguistic Tools 2 - Linguistic Tools 2 3.0

LING445 Intro to Psycholinguistics - Intro to Psycholinguistics 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING460 Typology - Typology 3.0

3.0

Note: Greek 101, 102 and Latin 101, 102, 111 may be waived with equivalent language experience.

IHUM311 Adv Wrtg in Comp Arts & Hum: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.

**Requirement 3 — Complete 3 Courses**

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

CL CV304 Greek History - Greek History 3.0

CL CV307 Roman History - Roman History 3.0

**Requirement 4 — Complete 2 Courses**

CLSCS297 Pro-Seminar - Pro-Seminar 2.0

CLSCS497 Exit Exam - Exit Exam 1.0

**Requirement 5 — Complete 5 of 9 Courses**

CL CV245 Golden Age of Greece - Golden Age of Greece 3.0

CL CV246 Golden Age of Rome - Golden Age of Rome 3.0

CL CV261 Gk Rom Cv Lit Film - Gk Rom Cv Lit Film 3.0

CL CV310 Classical Archaeology - Classical Archaeology 3.0

CL CV340R Topics in Classical Lit & Civ - Topics in Classical Lit & Civ - *You may take once* 3.0

CL CV355 Clscs & Engl Trad - Clscs & Engl Trad 3.0

CLSCS420 Ancient Literary Criticism - Ancient Literary Criticism 3.0

CLSCS430R Topics: Ancient Greek History - Topics: Ancient Greek History - *You may take once* 3.0

CLSCS490R Seminar in Classical Lit - Seminar in Classical Lit - *You may take once* 3.0

LING478 Language Tchg Methods: MTC - Language Tchg Methods: MTC 3.0

LING480 Problems in Translation - Problems in Translation 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

LING495R Senior Capstone - Senior Capstone - *You may take once* 3.0

LING498 Career Prep--Ling, ELING, E&P - Career Prep for Ling&ELang Maj 1.0

## 554902 - Digital Humanities and Technology (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Digital Humanities and Technology | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 18 |

| | Learning Outcome |
|---|---|
| **Title** | |
| Digital Scholarship | Students completing the undergraduate minor will understand how technology enhances scholarship in the humanities and how humanistic scholarship can illuminate and explain the place and effects of technology in our society. |

| | Learning Outcome |
|---|---|
| | Students completing the |

## 554904 - Translation and Localization (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Translation and Localization | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 22 |

| | Learning Outcome |
|---|---|
| **Title** | |
| Development of linguistic and technical skills | Students will demonstrate the language linguistic and technical skills needed to effectively translate facts concepts and feelings from one language to another. |

| | Learning Outcome |
|---|---|
| **Title** | |
| Management and implementation of | Students will be able to tailor translation/localization projects according to each project's text |

| | |
|---|---|
| Title<br>Algorithmic Thinking | undergraduate minor will develop the mindset to simplify complex problems into smaller tasks order those tasks into a series of logical steps and then complete each task. Students will discern between problems that are susceptible to this mode of thought and those that are not. |

| | |
|---|---|
| Title<br>Applied Experience | Learning Outcome<br>Students completing the Digital Humanities & Technology undergraduate minor will apply their skills in either advanced Humanities Technology competence or in advanced Digital Humanities research paradigms. |

| | |
|---|---|
| Title<br>Technology Skills | Learning Outcome<br>Students completing the undergraduate minor will develop the skills required to model information in common computer paradigms and contribute novel perspectives to the Digital Humanities. |

Free Form Requirements

**Requirement 1 — Complete 1 Course**

DIGHT215 Intro to Digital Humanities - Intro to Digital Humanities 3.0

**Requirement 2 — Complete 12 hours**

**Option 2.1 — Complete 12 hours**

DIGHT210 Intro to Programming - Intro to Programming 3.0

DIGHT230 Intro to Print Publishing - Intro to Print Publishing 3.0

DIGHT250 Web Publishing - Web Publishing 3.0

DIGHT260 Tools for Text Processing - Tools for Text Processing 3.0

DIGHT270 Introduction to Localization - Introduction to Localization 3.0

DIGHT310 Intermediate Programming - Intermediate Programming 3.0

DIGHT315 Research in the Digital Hum - Research in the Digital Hum 3.0

DIGHT330 Intermediate Print Publishing - Intermediate Print Publishing 3.0

DIGHT340 JavaScript Development - JavaScript Development 3.0

DIGHT350 Web Information Technologies - Web Information Technologies 3.0

DIGHT360 Text Processing and Analysis - Text Processing and Analysis 3.0

DIGHT390R Tools Development Seminar - Tools Development Seminar

translation/localization projects type audience and purpose.

Free Form Requirements

**Requirement 1 — Complete 1 Course**

PLANG270 Intro to the Language industry - Intro to the Language industry 1.0

**Requirement 2 — Complete 1 of 4 Courses**

FREN414 French Translation - French Translation 3.0

PLANG414 Intro to Translation - Intro to Translation 3.0

PORT360 Intro to Translation - Intro to Translation 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

**Requirement 3 — Complete 1 Course**

PLANG380 Computer-Assisted Translation - Computer-Assisted Translation 3.0

**Requirement 4 — Complete 1 of 2 Courses**

PLANG460 Software Localization - Software Localization 3.0

PLANG470 Web Localization - Web Localization 3.0

**Requirement 5 — Complete 1 of 4 Courses**

*NOTE: Course taken in Requirement 4 cannot double count for Requirement 5*

PLANG460 Software Localization - Software Localization 3.0

PLANG470 Web Localization - Web Localization 3.0

PLANG480 Adv Compu-Assistd Translation - Adv Compu-Assistd Translation 3.0

PLANG540 Prof Lang: Project Mgmt - Prof Lang: Project Mgmt 3.0

**Requirement 6 — Complete 1 Course**

PLANG399R Translation Localizatn Intern - Translation Localizatn Intern - *You may take once* 0.5v

- *You may take once* 1.0v

DIGHT395R Digital Hum Research Seminar - Digital Hum Research Seminar - *You may take once* 1.0v

Up to 6 credits of technology-intensive coursework from other departments may be counted towards this requirement with the approval of the DigHT program coordinator.

**Requirement 3 — Complete 3 hours**

*Complete 3 credit hours of capstone courses. (Note: A project/internship/capstone course in the student's major involving substantial computer work may also be used. See the DigHT coordinator for details.)*

DIGHT495R Digital Humanities Project - Digital Humanities Project - *You may take up to 3.0 credit hours* 1.0v

DIGHT496R Technology Internship - Technology Internship - *You may take up to 3.0 credit hours* 1.0v

## 554905 - Linguistic Computing (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Linguistic Computing | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 12 | 18 |

| Title | Learning Outcome |
|---|---|
| Skills | Be proficient in the use of technical tools in support of the analysis of language and be able to work in a team to produce and use those tools. |
| Artifacts | Artifacts -- Produce linguistic artifacts (e.g. grammars lexicons corpora portfolios computer systems experiments) that draw on knowledge of technical tools in linguistics. |
| Effective Communication | Effective Communication -- Effectively communicate about technical tools in writing and speaking including documenting tools produced describing findings of linguistic analyses and explaining tools or software used in analyses. |

**Free Form Requirements**

*Note: A maximum of 9 credit hours may double count between the Linguistics BA and the Linguistic Computing minor.*

**Requirement 1 — Complete 1 of 2 Courses**

FLING223 Intro to English Language - Intro to English Language 3.0

## 554918 - Editing (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Editing | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 21 | 21 |

| Title | Learning Outcome |
|---|---|
| English Language Use and Structure | Analyze the structure and use of the English language to identify appropriate usage and style in specific contexts and assess the effectiveness of traditional usage rules and style guidelines. |
| Copyediting and Substantive Editing | Optimize clarity and effectiveness of sentences paragraphs and longer texts by applying principles of effective usage style and organization to real-world examples of draft text. |
| Specialized Editing | Demonstrate specialized skills and the perspective required by at least one specific editing genre (such as magazine publishing technical communication book publishing scholarly publishing or freelance publishing. |
| | Use tools and processes that are part of the publishing business such as software for methods of and ethical procedures relating |

ELING223 Intro to English Language - Intro to English Language 3.0

LING201 Intro to Linguistics (Modern) - Intro to Linguistics (Modern) 3.0

**Requirement 2 — Complete 1 of 2 Courses**

ELING273 Intro to ELing Resrch Mthds - Intro to ELing Resrch Mthds 3.0

LING240 Linguistic Tools 1 - Linguistic Tools 1 3.0

**Requirement 3 — Complete 4 of 10 Courses**

DIGHT260 Tools for Text Processing - Tools for Text Processing 3.0

DIGHT390R Tools Development Seminar - Tools Development Seminar - *You may take once* 1.0v

DIGHT495R Digital Humanities Project - Digital Humanities Project - *You may take once* 1.0v

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

LING361 Speech Processing - Speech Processing 3.0

LING440 Linguistic Tools 2 - Linguistic Tools 2 3.0

LING480 Problems in Translation - Problems in Translation 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

LING580R Prob Ling&App Ling - Prob Ling&App Ling - *You may take once* 1.0v

LING581 Natural Lang Processing - Natural Lang Processing 3.0

*Note: LING 480, LING 485, LING 580R, DIGHT 390R, and DIGHT 495R must be approved by minor advisor.*

*Note: Either LING 360 or DIGHT 360, but not both, can be counted towards the fulfillment of Requirement 3.*

| Title | Learning Outcome |
|---|---|
| Publishing Industry and Processes | and ethical procedures relating to graphic design printing technology and income and expense management and understand how these tools methods and ethical procedures have evolved over the history of publishing. |

Free Form Requirements

**Requirement 1 — Complete 1 of 2 Courses**

ELING223 Intro to English Language - Intro to English Language 3.0

LING201 Intro to Linguistics (Modern) - Intro to Linguistics (Modern) 3.0

**Requirement 2 — Complete 6 Courses**

DIGHT230 Intro to Print Publishing - Intro to Print Publishing 3.0

ELING322 Modern American Usage - Modern American Usage 3.0

ELING325 Grammar of English - Grammar of English 3.0

ELING350 Basic Editing Skills - Basic Editing Skills 3.0

ELING410R Genre & Substantive Editing - Genre & Substantive Editing - *You may take once* 3.0

ELING430R Editing for Publication - Editing for Publication - *You may take up to 3.0 credit hours* 3.0

## 554920 - Linguistics (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Linguistics | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 53 | 53 |

**Major Academic Plan**

MAPS - BA in Linguistics 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Language Structure | Demonstrate knowledge of language structure analytical techniques of linguistics and linguistic theory in core and applied areas of linguistics. |

| Title | Learning Outcome |
|---|---|
| | Be able to produce linguistic artifacts (e.g. analyses of grammars grammatical subsystems lexicons computer programs building corpora with digital tools experiments) that |

## 554923 - T E S O L (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| T E S O L | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 18 |

| Title | Learning Outcome |
|---|---|
| English Language Fundamentals | Students will demonstrate a foundational knowledge of the English language systems of phonology morphology grammar semantics and pragmatics and how these systems are integral to the language learning competencies of listening speaking reading writing vocabulary pronunciation and grammar. |

| Title | Learning Outcome |
|---|---|
| | With a foundational knowledge of the English language systems |

| | |
|---|---|
| Title<br>Linguistic Artifacts | draw on knowledge of core and applied areas of linguistics and linguistic theories. We compared in the fall 2021 assesment meeting different examples of artifacts and how well those artifacts communicated analyses. There was a wide range of different types of artifacts which were successful overall in helping to argue for an analysis. |

| | |
|---|---|
| Title<br>Effective Communication | Learning Outcome<br>Be able to effectively communicate findings of linguistic analyses or research in writing and speaking. We conducted comparative analyses of different types of linguistic artifacts' ability to contribute to analyses. |

Free Form Requirements

**Requirement 1 — Complete 1 Course**

*Professionalization course:*

LING198 Career Explorations in Ling. - Career Explorations in Ling. 2.0

**Requirement 2 —Complete 1 Course**

*Complete the following prerequisite course:*

LING201 Intro to Linguistics (Modern) - Intro to Linguistics (Modern) 3.0

**Requirement 3 —Complete 4 Courses**

*Complete the following core courses:*

LING210 Sounds of Language - Sounds of Language 3.0

LING220 Structure in Language - Structure in Language 3.0

LING230 Meaning in Language - Meaning in Language 3.0

LING240 Linguistic Tools 1 - Linguistic Tools 1 3.0

**Requirement 4 —Complete 2 of 7 Courses**

*Complete two courses from the following:*

ELING362 Discourse Analysis - Discourse Analysis 3.0

LING310 Phonetics - Phonetics 3.0

LING315 Phonology - Phonology 3.0

LING320 Morphology - Morphology 3.0

LING325 Syntax - Syntax 3.0

LING332 Semantics - Semantics 3.0

LING335 Pragmatics - Pragmatics 3.0

**Requirement 5 —Complete 1 of 4 Courses**

*Complete one course from the following:*

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

| | |
|---|---|
| Title<br>Instructional Competence | and language learning competences students will demonstrate fundamental competence in lesson planning teaching strategies and language testing when teaching English as a second or foreign language. |

Free Form Requirements

**Requirement 1 — Complete 1 Course**

*Complete the prerequisite course:*

ELING223 Intro to English Language - Intro to English Language 3.0

**Requirement 2 — Complete 3 Courses**

*Complete the following foundation courses:*

ELING325 Grammar of English - Grammar of English 3.0

ELING375 TESOL Listening, Speaking - TESOL Listening, Speaking 3.0

ELING376 TESOL Read, Write, Vocab - TESOL Read, Write, Vocab 3.0

**Requirement 3 — Complete 2 Courses**

*Complete the following courses:*

ELING477 TESOL Course & Lesson Planning - TESOL Course & Lesson Planning 3.0

ELING478 TESOL Practicum - TESOL Practicum 3.0

LING450 Intro Histor-Comparative Ling - Intro Histor-Comparative Ling 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

**Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:**

Complete university course work (or the equivalent) to a 200-level or higher in any single foreign language including American Sign Language. (For those wishing for Spanish language proficiency credit, their course work must include Spanish 106, or higher.) The language for this requirement may be the same language used to satisfy the GE Foreign Language option, but note that the GE foreign language option may require more coursework than this requirement for the Linguistics major. For non-native speakers of English, the university TOEFL requirement satisfies this requirement for the Linguistics major. Students intending to pursue graduate studies in linguistics are strongly encouraged to study a non-Indo-European language.

**Requirement 7 —Complete 1 Requirement**

**Requirement 7.1 —Complete 3 of 40 Courses**

*Complete three courses from the following electives:*

ELING322 Modern American Usage - Modern American Usage 3.0

ELING324 Hist of the English Language - Hist of the English Language 3.0

ELING325 Grammar of English - Grammar of English 3.0

ELING327 English Phonetics & Phonology - English Phonetics & Phonology 3.0

ELING447 Early Modern English - Early Modern English 3.0

ELING448 Late Modern English - Late Modern English 3.0

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

ELING522 Language Policy & Planning - Language Policy & Planning 3.0

ELING524 Hist of the Book - Hist of the Book 3.0

ELING525 Old English 1 - Old English 1 3.0

ELING526 Middle English - Middle English 3.0

ELING529 Structure of Modern English - Structure of Modern English 3.0

ELING535 Language & Literature - Language & Literature 3.0

ELING362 Discourse Analysis - Discourse Analysis 3.0

ELING529 Structure of Modern English - Structure of Modern English 3.0

LING310 Phonetics - Phonetics 3.0

LING315 Phonology - Phonology 3.0

LING320 Morphology - Morphology 3.0

LING325 Syntax - Syntax 3.0

LING332 Semantics - Semantics 3.0

LING335 Pragmatics - Pragmatics 3.0

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

LING361 Speech Processing - Speech Processing 3.0

LING366 Soc. Media/Mrkt. Analysis - Soc. Media/Mrkt. Analysis 3.0

LING399R Academic Internship: Ling - Academic Internship: Ling - *You may take once* 0.5v

LING421R Studies in Linguistics - Studies in Linguistics - *You may take once* 3.0

LING440 Linguistic Tools 2 - Linguistic Tools 2 3.0

LING445 Intro to Psycholinguistics - Intro to Psycholinguistics 3.0

LING450 Intro Histor-Comparative Ling - Intro Histor-Comparative Ling 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING460 Typology - Typology 3.0

LING461 First Language Acquisition - First Language Acquisition 3.0

LING462 Second Language Acquisition - Second Language Acquisition 3.0

LING480 Problems in Translation - Problems in Translation 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

LING542 Field Methods in Linguistics - Field Methods in Linguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

LING561 Neurolinguistics - Neurolinguistics 3.0

LING580R Prob Ling&App Ling - Prob Ling&App Ling - *You may take once* 1.0v

LING581 Natural Lang Processing - Natural Lang Processing 3.0

Note 1: Courses taken in requirements 4 and 5 cannot double count for requirement 7.

Note 2: Only three hours of credit earned as part of a department-approved internship (LING 399R) may be applied to requirement 7.

Note 3: Subject to approval by the Linguistics Area Coordinator, students may take up to two courses (6 hours total) taught outside of the department to satisfy requirement 7. These courses should have substantial linguistic content.

**Requirement 8 —Complete 1 Course**

*Complete the following capstone course:*

LING495R Senior Capstone - Senior Capstone - *You may take once* 3.0

## 554924 - Applied English Linguistics (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Applied English Linguistics | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 48 | 60 |

**Major Academic Plan**

MAP - BA in Applied Linguistics 2023-2024.pdf

## 554925 - Editing and Publishing (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Editing and Publishing | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 60 | 67 |

**Major Academic Plan**

MAPS - BA in Editing and Publishing 2023-2024.pdf

| Title | Learning Outcome |
| --- | --- |
| Linguistic Tools | Use appropriate methods and linguistic tools to collect, process, describe, and explain language data. |

| Title | Learning Outcome |
| --- | --- |
| Linguistic Structures | Students will be able to identify linguistic structures of present-day and historical varieties of the English language (sounds, sound patterns, morphology, grammar, and meaning) and the linguistic/social factors that influence structural/semantic change and variation. |

| Title | Learning Outcome |
| --- | --- |
| Application of Linguistics | Apply empirical and descriptive methods to solve problems or answer questions in professional settings and disciplines outside linguistics. |

**Free Form Requirements**

*It is strongly recommended that Ling 198, a 2-credit-hour course, be taken early in a student's major. This course is recommended to help Applied English Linguistics majors focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development.*

**Requirement 1 — Complete 2 Courses**

ELING223 Intro to English Language - Intro to English Language 3.0

LING198 Career Explorations in Ling. - Career Explorations in Ling. 2.0

**Requirement 2 — Complete 6 Courses**

*Core courses:*

ELING273 Intro to ELing Resrch Mthds - Intro to ELing Resrch Mthds 3.0

ELING324 Hist of the English Language - Hist of the English Language 3.0

ELING325 Grammar of English - Grammar of English 3.0

ELING326 English Semantics & Pragmatics - English Semantics & Pragmatics 3.0

ELING327 English Phonetics & Phonology - English Phonetics & Phonology 3.0

ELING495R The Senior Course - The Senior Course - *You may take once* 3.0

**Requirement 3 — Obtain confirmation from your advisement center that you have completed the following:**

Complete university course work (or the equivalent) to a 200-level or higher in any single foreign language, including American Sign Language. (This requirement varies for Spanish. See the Humanities

| Title | Learning Outcome |
| --- | --- |
| Language Use and Structure | Analyze the structure and use of language to identify appropriate usage and style in specific contexts and assess the effectiveness of traditional usage rules and style guidelines.Be able to write effectively and speak clearly to communicate language analysis and editing decisions. |

| Title | Learning Outcome |
| --- | --- |
| Copyediting and Substantive Editing | Optimize clarity and effectiveness of sentences paragraphs and longer texts by applying principles of effective usage style and organization to real-world examples of draft text. |

| Title | Learning Outcome |
| --- | --- |
| Specialized Editing | Demonstrate specialized skills and the perspective required by at least one specific editing genre (such as magazine publishing technical communication book publishing scholarly publishing or freelance publishing. |

| Title | Learning Outcome |
| --- | --- |
| Publishing Industry and Processes | Use tools and processes that are part of the publishing business such as software for methods of and ethical procedures relating to graphic design printing technology and income and expense management and understand how these tools methods and ethical procedures have evolved over the history of publishing. |

**Free Form Requirements**

**Requirement 1 — Complete 6 Courses**

*Foundations:*

ELING223 Intro to English Language - Intro to English Language 3.0

ELING273 Intro to ELing Resrch Mthds - Intro to ELing Resrch Mthds 3.0

ELING322 Modern American Usage - Modern American Usage 3.0

ELING324 Hist of the English Language - Hist of the English Language 3.0

ELING325 Grammar of English - Grammar of English 3.0

LING198 Career Explorations in Ling. - Career Explorations in Ling. 2.0

**Requirement 2 — Complete 4 Courses**

College Advisement Center.) The language for this requirement may be the same language used to satisfy the GE Foreign Language option, but note that the GE Foreign Language option may require more coursework than this requirement from the Applied English Linguistics major. For non-native speakers of English, the university TOEFL requirement satisfies this requirement for the Applied English Linguistics major. A language relevant to the historical development of English is strongly recommended, namely Latin, French, German, or Classical Greek.

**Requirement 4 — Complete 6 hours**

*Courses NOT chosen to complete requirement 4 may be used to complete requirement 5.*

ELING362 Discourse Analysis - Discourse Analysis 3.0

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

LING445 Intro to Psycholinguistics - Intro to Psycholinguistics 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

**Requirement 5 — Complete 1 of 4 Options**

*Primary Track: Within one option, complete 12 hours in courses not chosen for requirement 4 or 6.*

**Option 5.1 — Complete 12 hours**

*Linguistic Computing (recommended: LING 360 plus three other courses).*

DIGHT315 Research in the Digital Hum - Research in the Digital Hum 3.0

DIGHT390R Tools Development Seminar - Tools Development Seminar - *You may take once* 1.0v

DIGHT495R Digital Humanities Project - Digital Humanities Project - *You may take once* 1.0v

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

LING361 Speech Processing - Speech Processing 3.0

LING440 Linguistic Tools 2 - Linguistic Tools 2 3.0

LING480 Problems in Translation - Problems in Translation 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

LING581 Natural Lang Processing - Natural Lang Processing 3.0

Note: See minor advisor to discuss how to obtain a LINGC minor: inguistics.byu.edu/department-advisors; note that up to 9 credit hours from the ELING major can also be counted toward the LINGC minor.

**Option 5.2 — Complete 12 hours**

*TESOL/Language Acquisition*

ELING375 TESOL Listening, Speaking - TESOL Listening, Speaking 3.0

ELING376 TESOL Read, Write, Vocab - TESOL Read, Write, Vocab 3.0

ELING477 TESOL Course & Lesson Planning - TESOL Course & Lesson Planning 3.0

ELING478 TESOL Practicum - TESOL Practicum 3.0

*Core Courses:*

DIGHT230 Intro to Print Publishing - Intro to Print Publishing 3.0

ELING350 Basic Editing Skills - Basic Editing Skills 3.0

ELING410R Genre & Substantive Editing - Genre & Substantive Editing - *You may take once* 3.0

ELING430R Editing for Publication - Editing for Publication - *You may take once* 3.0

**Requirement 3 — Complete 1 of 4 Courses**

*Perspectives on Context:*

ELING362 Discourse Analysis - Discourse Analysis 3.0

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

*Foreign Language Requirement:*

Complete university course work (or the equivalent) to a 200-level or higher in any single foreign language including American Sign Language. The language for this requirement may be the same language used to satisfy the GE Foreign Language option. Editing students may waive this language requirement by completing a university-approved minor that includes complex professional discourse modes, such as STEM fields, business, psychology, social sciences, English literature, or rhetoric.

**Requirement 5 — Complete 9 hours**

*Text Analysis Breadth:*

ELING326 English Semantics & Pragmatics - English Semantics & Pragmatics 3.0

ELING362 Discourse Analysis - Discourse Analysis 3.0

ELING410R Genre & Substantive Editing - Genre & Substantive Editing - *You may take once* 3.0

ELING421R Stds Lang/Editing - Stds Lang/Editing - *You may take once* 1.0v

ELING430R Editing for Publication - Editing for Publication - *You may take once* 3.0

ELING447 Early Modern English - Early Modern English 3.0

ELING448 Late Modern English - Late Modern English 3.0

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

ELING524 Hist of the Book - Hist of the Book 3.0

ELING525 Old English 1 - Old English 1 3.0

ELING526 Middle English - Middle English 3.0

ELING529 Structure of Modern English - Structure of Modern English 3.0

ELING535 Language & Literature - Language & Literature 3.0

ELING548 Old English 2 - Old English 2 3.0

LING325 Syntax - Syntax 3.0

ELING529 Structure of Modern English - Structure of Modern English 3.0

LING461 First Language Acquisition - First Language Acquisition 3.0

LING462 Second Language Acquisition - Second Language Acquisition 3.0

Note: See minor advisor to discuss how to obtain a TESOL minor or TESOL certificate: linguistics.byu.edu/department-advisors; note that TESOL minors are encouraged to declare during their junior year and that up 12 credit hours from the ELING major can be counted toward the TESOL minor.

**Option 5.3 — Complete 12 hours**

*Language in Society*

ELING322 Modern American Usage - Modern American Usage 3.0

ELING362 Discourse Analysis - Discourse Analysis 3.0

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

ELING522 Language Policy & Planning - Language Policy & Planning 3.0

LING366 Soc. Media/Mrkt. Analysis - Soc. Media/Mrkt. Analysis 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

**Option 5.4 — Complete 12 hours**

*Language in History*

ELING447 Early Modern English - Early Modern English 3.0

ELING448 Late Modern English - Late Modern English 3.0

ELING524 Hist of the Book - Hist of the Book 3.0

ELING525 Old English 1 - Old English 1 3.0

ELING526 Middle English - Middle English 3.0

ELING535 Language & Literature - Language & Literature 3.0

ELING548 Old English 2 - Old English 2 3.0

HIST350 English Language Paleography - English Language Paleography 3.0

LING450 Intro Histor-Comparative Ling - Intro Histor-Comparative Ling 3.0

**Requirement 6 — Complete 1 of 4 Options**

*Secondary Track: Within one option, complete 6 hours in courses not chosen for requirement 4 or requirement 5. Secondary track must be different from primary track used for requirement 5.*

**Option 6.1 — Complete 6 hours**

*Linguistic Computing (recommended: LING 360 plus three other courses).*

DIGHT315 Research in the Digital Hum - Research in the Digital Hum 3.0

DIGHT390R Tools Development Seminar - Tools Development Seminar - *You may take once* 1.0v

DIGHT495R Digital Humanities Project - Digital Humanities Project - *You may take once* 1.0v

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

LING366 Soc. Media/Mrkt. Analysis - Soc. Media/Mrkt. Analysis 3.0

LING445 Intro to Psycholinguistics - Intro to Psycholinguistics 3.0

LING450 Intro Histor-Comparative Ling - Intro Histor-Comparative Ling 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING461 First Language Acquisition - First Language Acquisition 3.0

LING462 Second Language Acquisition - Second Language Acquisition 3.0

LING480 Problems in Translation - Problems in Translation 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

*Note: Course chosen to satisfy requirements 1, 2, and 3 cannot double-count in requirement 5, with the exception of a second topic in ELING 430R.*

**Requirement 6 — Complete 1 of 5 Courses**

*Professional Tools:*

DIGHT250 Web Publishing - Web Publishing 3.0

DIGHT260 Tools for Text Processing - Tools for Text Processing 3.0

DIGHT315 Research in the Digital Hum - Research in the Digital Hum 3.0

ELING415 Business of Editing/Publishing - Business of Editing/Publishing 3.0

LING366 Soc. Media/Mrkt. Analysis - Soc. Media/Mrkt. Analysis 3.0

**Requirement 7 — Complete 1 hour**

ELING351R Editing Student Journals - Editing Student Journals - *You may take once* 1.0v

LING399R Academic Internship: Ling - Academic Internship: Ling - *You may take once* 0.5v

*Other options for Experiential Learning include 42 hours worked as a teaching/research assistant, or completion of a study-abroad experience.*

**Requirement 8 — Complete 1 Course**

ELING495R The Senior Course - The Senior Course - *You may take once* 3.0

*You may take one 1.0v*

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

LING361 Speech Processing - Speech Processing 3.0

LING440 Linguistic Tools 2 - Linguistic Tools 2 3.0

LING480 Problems in Translation - Problems in Translation 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

LING581 Natural Lang Processing - Natural Lang Processing 3.0

Note: See minor advisor to discuss how to obtain a LINGC minor: inguistics.byu.edu/department-advisors; note that up to 9 credit hours from the ELING major can also be counted toward the LINGC minor.

**Option 6.2 — Complete 6 hours**

*TESOL/Language Acquisition*

ELING375 TESOL Listening, Speaking - TESOL Listening, Speaking 3.0

ELING376 TESOL Read, Write, Vocab - TESOL Read, Write, Vocab 3.0

ELING477 TESOL Course & Lesson Planning - TESOL Course & Lesson Planning 3.0

ELING478 TESOL Practicum - TESOL Practicum 3.0

ELING529 Structure of Modern English - Structure of Modern English 3.0

Note: See minor advisor to discuss how to obtain a TESOL minor or TESOL certificate: linguistics.byu.edu/department-advisors; note that TESOL minors are encouraged to declare during their junior year and that up 12 credit hours from the ELING major can be counted toward the TESOL minor.

**Option 6.3 — Complete 6 hours**

*Language in Society*

ELING322 Modern American Usage - Modern American Usage 3.0

ELING362 Discourse Analysis - Discourse Analysis 3.0

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

LING366 Soc. Media/Mrkt. Analysis - Soc. Media/Mrkt. Analysis 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

**Option 6.4 — Complete 6 hours**

*Language in History*

ELING447 Early Modern English - Early Modern English 3.0

ELING448 Late Modern English - Late Modern English 3.0

ELING524 Hist of the Book - Hist of the Book 3.0

ELING525 Old English 1 - Old English 1 3.0

ELING526 Middle English - Middle English 3.0

ELING535 Language & Literature - Language & Literature 3.0

ELING548 Old English 2 - Old English 2 3.0

HIST350 English Language Paleography - English Language Paleography 3.0

LING450 Intro Histor-Comparative Ling - Intro Histor-Comparative Ling 3.0

**Requirement 7 — Complete 1 hour**

*Experiential Learning*

ELING351R Editing Student Journals - Editing Student Journals - *You may take once* 1.0v

LING399R Academic Internship: Ling - Academic Internship: Ling - *You may take once* 0.5v

*For more information, including an FAQ regarding double-counting courses between this major and the Linguistic Computing or TESOL minors, visit ling.byu.edu/applied-english-linguistics-ba.*

## 555302 - Logic (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Logic | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 15 |

| Title | Learning Outcome |
|---|---|
| Logic and Metalogic | 1. Construct symbolize and evaluate proofs in syllogistic logic truth-functional logic first-order (quantificational) logic set-theory and Peano arithmetic. 2. Understand the development of logic including metalogical results. Assessed 2015 |

**Free Form Requirements**

**Requirement 1 — Complete 1 of 2 Courses**

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

**Requirement 2 — Complete 2 Courses**

PHIL305 Intermediate Formal Logic - Intermediate Formal Logic 3.0

PHIL405 Advanced Logic and Metalogic - Advanced Logic and Metalogic 3.0

**Requirement 3 — Complete 1 of 4 Courses**

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH371 Abstract Algebra 1 - Abstract Algebra 1 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

**Requirement 4 — Complete 3 hours**

PHIL110 Introduction to Philosophy - Introduction to Philosophy 3.0

PHIL201 History of Philosophy 1 - History of Philosophy 1 3.0

PHIL202 History of Philosophy 2 - History of Philosophy 2 3.0

## 555303 - Philosophy (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Philosophy | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 18 |

| Title | Learning Outcome |
|---|---|
| History and Value of Philosophy | 1. Identify major philosophical figures and texts their historical context their philosophical interrelations and their importance. 2. Identify the major areas movements and issues in the history of Western philosophy. Assessed 2015 |

| Title | Learning Outcome |
|---|---|
| Critical and Effective Reading | Writing and Communicating 1. Write clear cogent logically sound and well-researched essays. 2. Master and apply principles of informal logic critical thinking and critical reading. 3. Master university-level written and oral communication skills. Assessed 2015 |

| Title | Learning Outcome |
|---|---|
| Logic and Metalogic | 1. Construct symbolize and evaluate proofs in syllogistic logic truth-functional logic first-order (quantificational) logic set-theory and Peano arithmetic. 2. Understand the development of logic including metalogical results. Assessed 2015 |

**Free Form Requirements**

**Requirement 1 — Complete 3 Courses**

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

PHIL210 Science & Civilization 1 - Science & Civilization 1 3.0

PHIL211 Science & Civilization 2 - Science & Civilization 2 3.0

PHIL212R Intro to Applied Ethics - Intro to Applied Ethics - *You may take once* 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215 Intro Philosophy of Religion - Intro Philosophy of Religion 3.0

PHIL217R Social & Political Philosophy - Social & Political Philosophy - *You may take once* 3.0

PHIL249R Philosophical Lecture Series - Philosophical Lecture Series - *You may take once* 1.0

PHIL300 Philosophical Writing - Philosophical Writing 3.0

PHIL305 Intermediate Formal Logic - Intermediate Formal Logic 3.0

PHIL313R History of Ethics - History of Ethics - *You may take once* 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

PHIL360R Chinese Philosophy - Non-Western Philosophy - *You may take once* 3.0

PHIL370R Women and Philosophy - Women and Philosophy - *You may take once* 3.0

PHIL399R Internship - Internship - *You may take once* 3.0

PHIL405 Advanced Logic and Metalogic - Advanced Logic and Metalogic 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHIL414R Philosophy of Art - Philosophy of Art - *You may take once* 3.0

PHIL415 Philosophy of Religion - Philosophy of Religion 3.0

PHIL416 Philosophy of Law - Philosophy of Law 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

PHIL424 Philosophy of Mind - Philosophy of Mind 3.0

PHIL495R Directed Readings - Directed Readings - *You may take once* 1.0v

PHIL501R Graduate Seminar - Graduate Seminar - *You may take once* 0.5v

PHIL201 History of Philosophy 1 - History of Philosophy 1 3.0

PHIL202 History of Philosophy 2 - History of Philosophy 2 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

**Requirement 2 — Complete 1 of 5 Courses**

PHIL212R Intro to Medical Ethics - Intro to Medical Ethics - *You may take once* 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215 Intro Philosophy of Religion - Intro Philosophy of Religion 3.0

PHIL217R Contemp Political Philosophy - Contemp Political Philosophy - *You may take once* 3.0

**Requirement 3 — Complete 3 hours**

PHIL300 Philosophical Writing - Philosophical Writing 3.0

PHIL305 Intermediate Formal Logic - Intermediate Formal Logic 3.0

PHIL313R History of Ethics - History of Ethics - *You may take once* 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

PHIL360R Non-Western Philosophy - Non-Western Philosophy - *You may take once* 3.0

PHIL370R Women and Philosophy - Women and Philosophy - *You may take once* 3.0

PHIL399R Internship - Internship - *You may take once* 3.0

PHIL405 Advanced Logic and Metalogic - Advanced Logic and Metalogic 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHIL414R Philosophy of Art - Philosophy of Art - *You may take once* 3.0

PHIL415 Philosophy of Religion - Philosophy of Religion 3.0

PHIL416 Philosophy of Law - Philosophy of Law 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

PHIL424 Philosophy of Mind - Philosophy of Mind 3.0

**Requirement 4 — Complete 3 hours**

*Phil 110 may fulfill this requirement IF it is the first philosophy class a student completes. See the advisement center for assistance.*

*No more than 6 hours may double-count for the philosophy major and the logic minor.*

PHIL201 History of Philosophy 1 - History of Philosophy 1 3.0

PHIL202 History of Philosophy 2 - History of Philosophy 2 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

PHIL210 Science & Civilization 1 - Science & Civilization 1 3.0

PHIL211 Science & Civilization 2 - Science & Civilization 2 3.0

PHIL212R Intro to Applied Ethics - Intro to Applied Ethics - *You may take once* 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215 Intro Philosophy of Religion - Intro Philosophy of Religion 3.0

PHIL217R Social & Political Philosophy - Social & Political Philosophy - *You may take once* 3.0

PHIL249R Philosophical Lecture Series - Philosophical Lecture Series - *You may take once* 1.0

PHIL300 Philosophical Writing - Philosophical Writing 3.0

PHIL305 Intermediate Formal Logic - Intermediate Formal Logic 3.0

PHIL313R History of Ethics - History of Ethics - *You may take once* 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

PHIL360R Chinese Philosophy - Non-Western Philosophy - *You may take once* 3.0

PHIL370R Women and Philosophy - Women and Philosophy - *You may take once* 3.0

PHIL399R Internship - Internship - *You may take once* 3.0

PHIL405 Advanced Logic and Metalogic - Advanced Logic and Metalogic 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHIL414R Philosophy of Art - Philosophy of Art - *You may take once* 3.0

PHIL415 Philosophy of Religion - Philosophy of Religion 3.0

PHIL416 Philosophy of Law - Philosophy of Law 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

PHIL424 Philosophy of Mind - Philosophy of Mind 3.0

PHIL495R Directed Readings - Directed Readings - *You may take once* 1.0v

PHIL501R Graduate Seminar - Graduate Seminar - *You may take once* 0.5v

*Note: Philosophy majors are prohibited from adding the Philosophy minor (although they may earn the Logic minor or the Theoretical and Applied Ethics minor).*

## 555304 - Theoretical and Applied Ethics (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Theoretical and Applied Ethics | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 15 |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | |
| History and Value of Philosophy | 1. Identify major figures and texts in moral and political philosophy their historical context their philosophical interrelations and their importance. 2. Identify the major areas movements and issues in the history of Western moral and political philosophy. |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | |
| Philosophical and Ethical Applications | 1. Apply philosophical knowledge and critical thinking/reading skills in writing papers and solving theoretical practical and ethical problems. 2. Integrate philosophical principles with religious and moral convictions. |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | |
| Critical and Effective Reading | Writing and Communicating 1. Write clear cogent logically sound and well-researched essays. 2. Master and apply principles of informal logic critical thinking and critical reading. 3. Master university-level written and oral communication skills. |

**Free Form Requirements**

**Requirement 1 — Complete 1 Course**

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

**Requirement 2 — Complete 1 Requirement**

**Requirement 2.1 — Complete 4 of 10 Courses**

*From the following, complete 4 courses in ethics, social and political philosophy, or history of philosophy with an emphasis on ethics:*

PHIL212R Intro to Applied Ethics - Intro to Applied Ethics - *You may*

## 555320 - Philosophy (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Philosophy | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 47 | 47 |

**Major Academic Plan**

MAP - BA in Philosophy 2023-2024.pdf

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | |
| Logic and Metalogic | Students will be able to construct symbolize and evaluate proofs in syllogistic logic truth-functional logic first-order (quantificational) logic set-theory and Peano arithmetic; and understand relevant metalogical results. |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | |
| History and Value of Philosophy | Students will be able to identify major philosophical figures texts and movements and understand their historical context their philosophical interrelations and their importance. |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | |
| Career Preparation | Students will be prepared for further education and employment using their philosophical skills and knowledge. |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | |
| Philosophical and Ethical Applications | Students will be able to use philosophical knowledge and skills to solve theoretical practical and ethical problems and to integrate philosophicalprinciples with religious and moral convictions. |

| | |
|---|---|
| | **Learning Outcome** |
| | Students will be able to read and think critically about philosophical texts; write clear, logically sound, and well- |

*take once* 3.0

PHIL217R Contemp Political Philosophy - Contemp Political Philosophy - *You may take once* 3.0

PHIL313R History of Ethics - History of Ethics - *You may take once* 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

Note 1: No more than six credit hours may double-count for both the Philosophy major and the Theoretical and Applied Ethics minor.

Note 2: One approved 2 or 3 credit course in ethics from another department may substitute for any single course listed in the electives list above. (The Philosophy Department maintains a list of ethics courses offered by other BYU departments.)

| Title | |
|---|---|
| Critical and Effective Reading, Writing, and Communicating | logically sound, and well-researched essays; and effectively discuss and present philosophical topics. |

**Free Form Requirements**

*For each R course, you may only take one class on any particular figure or topic. For instance, if you wish to take multiple classes of Phil 320R: Studies in Ancient Philosophy, you may only take Plato once, but you may then take Aristotle or Stoicism or any of the other figures or topics listed under Phil 320R.*

**Requirement 1 —Complete 4 Courses**

*Sources and Methods courses:*

PHIL200 Philosophy Orientation - Philosophy Orientation 1.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

PHIL300 Philosophical Writing - Philosophical Writing 3.0

PHIL305 Intermediate Formal Logic - Intermediate Formal Logic 3.0

**Requirement 2 —Complete 1 of 2 Courses**

PHIL201 History of Philosophy 1 - History of Philosophy 1 3.0

PHIL210 Science & Civilization 1 - Science & Civilization 1 3.0

**Requirement 3 —Complete 1 of 2 Courses**

PHIL202 History of Philosophy 2 - History of Philosophy 2 3.0

PHIL211 Science & Civilization 2 - Science & Civilization 2 3.0

**Requirement 4 —Complete 1 of 5 Courses**

*Core Topics in Western Philosophy:*

PHIL212R Intro to Applied Ethics - Intro to Applied Ethics 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215 Intro Philosophy of Religion - Intro Philosophy of Religion 3.0

PHIL217R Social & Political Philosophy - Social & Political Philosophy 3.0

**Requirement 5 —Complete 1 Course**

*Complete one registration of the following Historical Periods course:*

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy 3.0

**Requirement 6 —Complete 1 Course**

*Complete one registration of the following Historical Periods course:*

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy 3.0

**Requirement 7 —Complete 1 of 7 Courses**

*Complete one of the following Historical Period courses (excluding the two specific registrations used to complete the above requirements):*

PHIL313R History of Ethics - History of Ethics 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil 3.0

PHIL360R Chinese Philosophy - Non-Western Philosophy 3.0

PHIL370R Women and Philosophy - Women and Philosophy 3.0

**Requirement 8 —Complete 1 of 2 Courses**

*Complete one of the following Values and Conduct courses:*

PHIL413R Topics in Ethics - Topics in Ethics 3.0

PHIL414R Philosophy of Art - Philosophy of Art 3.0

**Requirement 9 —Complete 2 of 4 Courses**

*Complete two of the following Knowledge and Reality courses:*

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL424 Philosophy of Mind - Philosophy of Mind 3.0

**Requirement 10 —Complete 6 hours**

*Note: No more than 3 hours of Phil 249R will be allowed. Students must have a total of 30 credit hours of upper-division course work (300-level or above) in the major. Note: Phil 110 may count toward this requirement only if taken before the philosophy major was declared.*

PHIL212R Intro to Applied Ethics - Intro to Applied Ethics 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215 Intro Philosophy of Religion - Intro Philosophy of Religion 3.0

PHIL217R Social & Political Philosophy - Social & Political Philosophy 3.0

PHIL249R Philosophical Lecture Series - Philosophical Lecture Series - *You may take up to 3.0 credit hours.* 3.0

PHIL313R History of Ethics - History of Ethics 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil 3.0

PHIL360R Chinese Philosophy - Non-Western Philosophy 3.0

PHIL370R Women and Philosophy - Women and Philosophy 3.0

PHIL405 Advanced Logic and Metalogic - Advanced Logic and Metalogic 3.0

PHIL413R Topics in Ethics - Topics in Ethics 3.0

PHIL414R Philosophy of Art - Philosophy of Art 3.0

PHIL415 Philosophy of Religion - Philosophy of Religion 3.0

PHIL416 Philosophy of Law - Philosophy of Law 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science 3.0

PHIL424 Philosophy of Mind - Philosophy of Mind 3.0

PHIL450R Advanced Topics in Philosophy - Advanced Topics in Philosophy 3.0

PHIL495R Directed Readings - Directed Readings 1.0v

PHIL501R Graduate Seminar - Graduate Seminar 0.5v

**Requirement 11 —Complete 3 hours**

PHIL399R Internship - Internship - *You may take up to 3.0 credit hours* 3.0

**Requirement 12 —Complete 1 Course**

*Senior Seminar:*

PHIL490 Senior Seminar - Senior Seminar 1.0

## 555407 - Portuguese (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Portuguese | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18.5 | 40.5 |

**Free Form Requirements**

**Requirement 1 — Complete 2 Courses**

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

**Requirement 2 — Complete 1 of 4 Courses**

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port - *You may take once* 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

**Requirement 3 — Complete 1 of 2 Courses**

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

**Requirement 4 — Complete 6 hours**

Complete 6 additional hours from the following electives. Courses used

## 555408 - Spanish (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Spanish | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18.5 | 36.5 |

**Free Form Requirements**

**Requirement 1 — Complete 2 Courses**

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

**Requirement 2 — Complete 1 Course**

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain - *You may take once* 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

**Requirement 3 — Complete 1 Course**

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

**Requirement 4 — Complete 6 hours**

to fulfill the above requirements may not be double-counted.

**Option 4.1 — Complete up to 6 hours**

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT322 3rd Yr Grammar & Composition - 3rd Yr Grammar & Composition 3.0

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 2.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT360 Intro to Translation - Intro to Translation 3.0

PORT377 Methods of Portuguese Teaching - Methods of Portuguese Teaching 3.0

PORT395R Contemporary Culture - Contemporary Culture - *You may take once* 0.5v

PORT429R Spec Topics Port Linguistics - Spec Topics Port Linguistics - *You may take once* 3.0

PORT431R African Portuguese Lit - African Portuguese Lit - *You may take once* 3.0

PORT437R Women Writers in Portuguese - Women Writers in Portuguese - *You may take once* 3.0

PORT438 Luso-Brazilian Cinema - Luso-Brazilian Cinema 3.0

PORT439R Luso-Braz Theat Pr - Luso-Braz Theat Pr - *You may take once* 3.0

PORT442 Camoes - Camoes 3.0

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port - *You may take once* 3.0

PORT449R Special Topics in Port Lit - Special Topics in Port Lit - *You may take once* 3.0

PORT452 Machado de Assis - Machado de Assis 3.0

PORT453 20th-Century Brazilian Lit - 20th-Century Brazilian Lit 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazil Lit - *You may take once* 3.0

PORT477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

PORT480R Directed Research - Directed Research - *You may take once* 0.5v

PORT493 Capstone Course in Portuguese - Capstone Course in Portuguese 1.0

PORT520 Adv Portuguese Grammar - Adv Portuguese Grammar 3.0

PORT521 Romance Philology - Romance Philology 3.0

**Option 4.1 — Complete at least 3 hours up to 6 hours**

*Note: Courses used to satisfy the above requirements will not double count.*

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN325 Survey of Hispanic Linguistics - Survey of Hispanic Linguistics

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

SPAN376 Techniques of Span Instruction - Techniques of Span Instruction 3.0

SPAN395R Contemporary Culture - Contemporary Culture - *You may take once* 0.5v

SPAN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

SPAN411 Conversation Superior Level - Conversation Superior Level 3.0

SPAN421 4th Yr Grammar - 4th Yr Grammar 3.0

SPAN423 Border Spanish - Border Spanish 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct 3.0

SPAN429R Spec Top Span Ling - Spec Top Span Ling - *You may take once* 3.0

SPAN437R Women Writers in Spanish - Women Writers in Spanish - *You may take once* 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN439R Hisp Theatre Prod - Hisp Theatre Prod - *You may take once* 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit - *You may take 2 times* 3.0

SPAN444 Don Quijote - Don Quijote 3.0

SPAN446R 19th Century Lit - 19th Century Lit - *You may take 2 times* 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain - *You may take once* 3.0

SPAN448R 20th Century Lit - 20th Century Lit - *You may take 2 times* 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit - *You may take 2 times* 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take 2 times* 3.0

PORT521 Romance Philology - Romance Philology 3.0

PORT522 Hist of Portuguese Lang - Hist of Portuguese Lang 3.0

PORT529R Special Topics in Port Ling - Special Topics in Port Ling - *You may take once* 3.0

**Option 4.2 — Complete up to 3 hours**

PORT323A Portuguese Medical Professions - Portuguese Medical Professions 3.0

PORT323B Portuguese Business Profession - Portuguese Business Profession 3.0

**Option 4.3 — Complete up to 3 hours**

PORT399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

**Requirement 5 — Complete 1 Course**

PORT491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

*Note: Course involves taking proficiency tests in speaking, writing, reading, and listening. Students who have previously taken one or more of these tests must still in enroll in the class to complete the remaining tests. No particular passing score is required, although it is hoped that students reach Advanced Low or better.*

SPAN452 U.S. Latinx Literature- U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take 2 times* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take 2 times* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take 2 times* 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story - *You may take 2 times* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take 2 times* 3.0

SPAN465 Span Medical Interpretation - Span Medical Interpretation 3.0

SPAN480R Directed Research - Directed Research - *You may take once* 0.5v

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar 3.0

SPAN521 Romance Philology - Romance Philology 3.0

SPAN522 History of Spanish Language - History of Spanish Language 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguistics - *You may take once* 3.0

**Option 4.2 — Complete up to 3 hours**

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

**Requirement 5 — Complete 1 Course**

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

*Note: Course involves taking proficiency tests in speaking, writing, reading, and listening. Students who have previously taken one or more of these tests must still in enroll in the class to complete the remaining tests. No particular passing score is required, although it is hoped that students reach Advanced Low or better.*

## 555409 - Spanish Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Spanish Teaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 28.5 | 46 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license*

## 555410 - Portuguese Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Portuguese Teaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 25.5 | 47.5 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license*

*or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 1 Requirement**

**Requirement 1.1 — Complete 6 Courses**

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN377 Spanish Teaching Methods 1 - Spanish Teaching Methods 1 3.0

SPAN378 Spanish Teaching Methods 2 - Spanish Teaching Methods 2 3.0

Note 1: Because Span 377 is a prerequisite for Span 378, the two courses must be taken sequentially in consecutive semesters. It is recommended that students take these courses during the first and second semesters of their junior year.

Note 2: Span 377 and 378 must be taken before student teaching. Span 377 will be waived for students majoring in another language who have had the course in that language. Students who waive the class will need to take 3 additional elective hours from the 300-, 400-, or 500-level courses in Spanish.

**Requirement 2 — Complete 1 of 2 Courses**

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

**Requirement 3 — Complete 1 of 3 Courses**

SPAN335 Hispanic Lit for Span Teachers - Hispanic Lit for Span Teachers 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

**Requirement 4 — Complete 1 Course**

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

*or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 1 Course**

PORT377 Methods of Portuguese Teaching - Methods of Portuguese Teaching 3.0

**Requirement 2 — Complete 3 Courses**

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT322 3rd Yr Grammar & Composition - 3rd Yr Grammar & Composition 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

**Requirement 3 — Complete 1 of 2 Courses**

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 3.0

**Requirement 4 — Complete 1 of 2 Courses**

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

**Requirement 5 — Complete 1 of 2 Courses**

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

**Requirement 6 — Complete 1 Course**

PORT491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

*Note 1: An ACTFL Oral Proficiency Interview (OPI) and Writing Proficiency Test are taken in connection with Port 491. Before applying to student teach, students must achieve a minimum OPI rating of Advanced Low to obtain Utah state licensure and to graduate.*

*Note 2: To qualify for Utah licensure, students must also pass the BYU Foreign Language Achievement Service (FLATS) test in Portuguese with a score of 85% or higher prior to student teaching. Contact the department for more information.*

**Requirement 7 — Complete 1 Course**

PORT477R Sec Minor Student Teaching - Sec Minor Student Teaching -

0.5

Note 1: An ACTFL Oral Proficiency Interview (OPI) and Writing Proficiency Test are taken in connection with Span 491. Before applying to student teach, students must achieve a minimum OPI rating of Advanced Low to obtain Utah state licensure and to graduate.

Note 2: To qualify for Utah licensure, students must also pass the Praxis Student World Language exam at the state-specified cutoff level prior to student teaching. Contact Education Student Services or check their website for more information.

**Requirement 5 — Complete 1 Course**

SPAN478R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

*You may take once* 4.0

## 555420 - Portuguese (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Portuguese | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 37.5 | 59.5 |

**Major Academic Plan**
MAP - BA in Portuguese 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Language Competence | Students will speak, listen, read, and write Portuguese at the ACTFL Advanced Low level or better. |

| Title | Learning Outcome |
|---|---|
| Cultural Competence | Students will identify cultural practices (e.g., customs and traditions) and cultural products (e.g., literatures, arts, institutions, and individuals) from the Portuguese-speaking world, place them in their historical, political, and social contexts, and interpret the unique perspectives on human experience that they reveal. |

| Title | Learning Outcome |
|---|---|
| Critical Thinking and Expression | Students will analyze language, literary texts, and other cultural products and practices using sound thinking and clear expression. |

| Title | Learning Outcome |
|---|---|
| Connecting Learning to Life | Students will connect academic experience to their personal and professional lives. |

**Free Form Requirements**

## 555421 - Spanish (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Spanish | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 37.5 | 55.5 |

**Major Academic Plan**
MAP - BA in Spanish 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Language Competence | Students will speak, listen, read, and write Spanish at the ACTFL Advanced Low level or better. |

| Title | Learning Outcome |
|---|---|
| Cultural Competence | Students will identify cultural practices (e.g., customs and traditions) and cultural products (e.g., literatures, arts, institutions, and individuals) from the Spanish-speaking world, place them in their historical, political, and social contexts, and interpret the unique perspectives on human experience that they reveal. |

| Title | Learning Outcome |
|---|---|
| Critical Thinking and Expression | Students will analyze language, literary texts, and other cultural products and practices using sound thinking and clear expression. |

| Title | Learning Outcome |
|---|---|
| Connecting Learning to Life | Students will connect academic experience to their personal and professional lives. |

**Free Form Requirements**
*It is strongly recommended that StDev 317, a 2-credit-hour course, be*

*- It is strongly recommended that StDev 317, a 2-credit-hour course, be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.*

**Requirement 1 —Obtain confirmation from your advisement center that you have completed the following:**

The Spanish and Portuguese Department requires a minimum of 18 upper-division major credit hours to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

**Requirement 2 — Complete 4 Courses**

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

PORT360 Intro to Translation - Intro to Translation 3.0

PORT493 Capstone Course in Portuguese - Capstone Course in Portuguese 1.0

**Requirement 3 — Complete 1 of 3 Courses**

PORT322 3rd Yr Grammar & Composition - 3rd Yr Grammar & Composition 3.0

PORT323A Portuguese Medical Professions - Portuguese Medical Professions 3.0

PORT323B Portuguese Business Profession - Portuguese Business Profession 3.0

**Requirement 4 — Complete 1 of 2 Courses**

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 3.0

**Requirement 5 — Complete 1 of 4 Courses**

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port - *You may take once* 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

**Requirement 6 — Complete 1 of 2 Courses**

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

**Requirement 7 — Complete 1 Requirement**

Note: Courses used to satisfy the above requirements will not double count.

**Requirement 7.1 — Complete 9 hours**

*taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.*

**Requirement 1 — Obtain confirmation from your advisement center that you have completed the following:**

The Spanish and Portuguese Department requires a minimum of 18 hours of upper-division major credit to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

**Requirement 2 — Complete 5 Courses**

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN325 Survey of Hispanic Linguistics - Survey of Hispanic Linguistics 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

SPAN493 Capstone Course in Spanish - Capstone Course in Spanish 1.0

**Requirement 3 — Complete 1 of 4 Courses**

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

**Requirement 4 — Complete 1 of 4 Courses**

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain - *You may take once* 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

**Requirement 5 — Complete 1 of 2 Courses**

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

**Requirement 6 — Complete 9 hours**

**Option 6.1 — Complete at least 3 hours up to 9 hours**

*Note 1: Courses used to satisfy the above requirements will not double count.*

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

PORT322 3rd Yr Grammar & Composition - 3rd Yr Grammar & Composition 3.0

PORT323A Portuguese Medical Professions - Portuguese Medical Professions 3.0

PORT323B Portuguese Business Profession - Portuguese Business Profession 3.0

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 3.0

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT360 Intro to Translation - Intro to Translation 3.0

PORT377 Methods of Portuguese Teaching - Methods of Portuguese Teaching 3.0

PORT395R Contemporary Culture - Contemporary Culture - *You may take 2 times* 0.5v

PORT399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

PORT429R Spec Topics Port Linguistics - Spec Topics Port Linguistics - *You may take once* 3.0

PORT431R African Portuguese Lit - African Portuguese Lit - *You may take 2 times* 3.0

PORT437R Women Writers in Portuguese - Women Writers in Portuguese - *You may take once* 3.0

PORT438 Luso-Brazilian Cinema - Luso-Brazilian Cinema 3.0

PORT439R Luso-Braz Theat Pr - Luso-Braz Theat Pr - *You may take 2 times* 3.0

PORT442 Camoes - Camoes 3.0

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port - *You may take once* 3.0

PORT449R Special Topics in Port Lit - Special Topics in Port Lit - *You may take up to 12.0 credit hours* 3.0

PORT452 Machado de Assis - Machado de Assis 3.0

PORT453 20th-Century Brazilian Lit - 20th-Century Brazilian Lit 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazil Lit - *You may take 2 times* 3.0

PORT 462R - Lusophone Literature - *You may take 2 times - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

PORT480R Directed Research - Directed Research - *You may take 2 times* 0.5v

PORT520 Adv Portuguese Grammar - Adv Portuguese Grammar 3.0

PORT521 Romance Philology - Romance Philology 3.0

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

SPAN376 Techniques of Span Instruction - Techniques of Span Instruction 3.0

SPAN395R Contemporary Culture - Contemporary Culture - *You may take once* 0.5v

SPAN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

SPAN411 Conversation Superior Level - Conversation Superior Level 3.0

SPAN421 4th Yr Grammar - 4th Yr Grammar 3.0

SPAN423 Border Spanish - Border Spanish 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct 3.0

SPAN429R Spec Top Span Ling - Spec Top Span Ling - *You may take once* 3.0

SPAN437R Women Writers in Spanish - Women Writers in Spanish - *You may take once* 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN439R Hisp Theatre Prod - Hisp Theatre Prod - *You may take once* 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit - *You may take 2 times* 3.0

SPAN444 Don Quijote - Don Quijote 3.0

SPAN446R 19th Century Lit - 19th Century Lit - *You may take 2 times* 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain - *You may take once* 3.0

SPAN448R 20th Century Lit - 20th Century Lit - *You may take 2 times* 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit - *You may take 2 times* 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take 2 times* 3.0

SPAN452 U.S. Latinx Literature- U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take 2 times* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take 2 times* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take 2 times* 3.0

PORT522 Hist of Portuguese Lang - Hist of Portuguese Lang 3.0

PORT529R Special Topics in Port Ling - Special Topics in Port Ling - *You may take 2 times* 3.0

**Requirement 8 — Complete 6 hours**

*Note: Courses used to satisfy the above requirements will not double count.*

PORT429R Spec Topics Port Linguistics - Spec Topics Port Linguistics - *You may take once* 3.0

PORT431R African Portuguese Lit - African Portuguese Lit - *You may take once* 3.0

PORT437R Women Writers in Portuguese - Women Writers in Portuguese - *You may take once* 3.0

PORT438 Luso-Brazilian Cinema - Luso-Brazilian Cinema 3.0

PORT439R Luso-Braz Theat Pr - Luso-Braz Theat Pr - *You may take once* 3.0

PORT442 Camoes - Camoes 3.0

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port - *You may take once* 3.0

PORT449R Special Topics in Port Lit - Special Topics in Port Lit - *You may take once* 3.0

PORT452 Machado de Assis - Machado de Assis 3.0

PORT453 20th-Century Brazilian Lit - 20th-Century Brazilian Lit 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazil Lit - *You may take once* 3.0

PORT 462R - Lusophone Literature - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

PORT480R Directed Research - Directed Research - *You may take once* 0.5v

PORT520 Adv Portuguese Grammar - Adv Portuguese Grammar 3.0

PORT521 Romance Philology - Romance Philology 3.0

PORT522 Hist of Portuguese Lang - Hist of Portuguese Lang 3.0

PORT529R Special Topics in Port Ling - Special Topics in Port Ling - *You may take once* 3.0

**Requirement 9 — Complete 1 Course**

*Note: Course involves taking proficiency tests in speaking, writing, reading, and listening. Students who have previously taken one or more of these tests must still in enroll in the class to complete the remaining tests. No particular passing score is required, although it is hoped that students reach Advanced Low or better.*

PORT491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

*Note: Students are strongly encouraged to participate in a Portuguese language/culture immersion experience, such as an LDS mission, Study Abroad program, internship, a semester in the Foreign Language*

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story - *You may take 2 times* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take 2 times* 3.0

SPAN465 Span Medical Interpretation - Span Medical Interpretation 3.0

SPAN480R Directed Research - Directed Research - *You may take once* 0.5v

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar 3.0

SPAN521 Romance Philology - Romance Philology 3.0

SPAN522 History of Spanish Language - History of Spanish Language 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguistics - *You may take once* 3.0

**Option 6.2 — Complete up to 6 hours**

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

**Requirement 7 — Complete 6 hours**

*Note: Courses used to satisfy the above requirements will not double count.*

SPAN411 Conversation Superior Level - Conversation Superior Level 3.0

SPAN421 4th Yr Grammar - 4th Yr Grammar 3.0

SPAN423 Border Spanish - Border Spanish 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct 3.0

SPAN429R Spec Top Span Ling - Spec Top Span Ling - *You may take once* 3.0

SPAN437R Women Writers in Spanish - Women Writers in Spanish - *You may take once* 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN439R Hisp Theatre Prod - Hisp Theatre Prod - *You may take once* 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit - *You may take once* 3.0

SPAN444 Don Quijote - Don Quijote 3.0

SPAN446R 19th Century Lit- 19th Century Lit - *You may take once* 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain - *You may take once* 3.0

SPAN448R 20th Century Lit - 20th Century Lit - *You may take once* 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit - *You may take once* 3.0

*Student Residence, or a service learning course.*

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take once* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take once* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take once* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take once* 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story - *You may take once* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take once* 3.0

SPAN465 Span Medical Interpretation - Span Medical Interpretation 3.0

SPAN480R Directed Research - Directed Research - *You may take once* 0.5v

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar 3.0

SPAN521 Romance Philology - Romance Philology 3.0

SPAN522 History of Spanish Language - History of Spanish Language 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguistics - *You may take once* 3.0

**Requirement 8 — Complete 1 Course**

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

*Note: Course involves taking proficiency tests in speaking, writing, reading, and listening. Students who have previously taken one or more of these tests must still in enroll in the class to complete the remaining tests. No particular passing score is required, although it is hoped that students reach Advanced Low or better.*

*Note: Students are strongly encouraged to participate in a Spanish language/culture immersion experience, such as an LDS mission, Study Abroad program, internship, a semester in the Foreign Language Student Residence, or a service learning course.*

## 555422 - Spanish Teaching (BA) *

### Program Information

| Program Title | Degree |
|---|---|
| Spanish Teaching | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 59.5 | 80.5 |

**Major Academic Plan**

MAP - BA in Spanish Teaching 2023-2024.pdf

| | Learning Outcome |
|---|---|
| | Students will speak listen read |

## 555423 - Spanish Translation (BA) *

### Program Information

| Program Title | Degree |
|---|---|
| Spanish Translation | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 38.5 | 56.5 |

**Major Academic Plan**

MAP - BA in Spanish Translation 2023-2024.pdf

| | Learning Outcome |
|---|---|
| | Demonstrate professional |

| | |
|---|---|
| **Title**<br>Language Competence | and write Spanish at the ACTFL Advanced Low level or better. |

| | |
|---|---|
| **Title**<br>Cultural Competence | **Learning Outcome**<br>Students will identify cultural practices (e.g. customs and traditions) and cultural products (e.g. literatures arts institutions and individuals)from the Spanish-speaking world place them in their historical political and social contexts and interpret the unique perspectives on human experience that they reveal. |

| | |
|---|---|
| **Title**<br>Critical Thinking and Expression | **Learning Outcome**<br>Students will analyze language literary texts and other cultural products and practices using sound thinking and clear expression. |

| | |
|---|---|
| **Title**<br>Five Commitments | **Learning Outcome**<br>Demonstrate the dispositions found within the five commitments of the BYU-PSP vision statement. |

| | |
|---|---|
| **Title**<br>Utah Effective Teaching Standards | **Learning Outcome**<br>Meet the Utah Effective Teaching Standards (UETS) at the basic competence level including the ability to: Create a classroom environment that is conducive to learning plan effective standards-based lessons teach with a variety of instructional strategies suited to the needs of their students and assess their students' learning. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

| | |
|---|---|
| **Title**<br>Professional Translation Skills | translation skills by: (1) properly applying translation competence components (including linguistic extralinguistic transfer strategic instrumental); (2) employing research tools to investigate terminology and textual conventions adequate for different text types; (3) executing the translation process and associated problem solving and decision making processes in accordance with a set of specifications and a statement of purpose for the target text. |

| | |
|---|---|
| **Title**<br>Language Competence | **Learning Outcome**<br>Students will speak listen read and write Spanish at the ACTFL Advanced Low level or better. |

| | |
|---|---|
| **Title**<br>Cultural Competence | **Learning Outcome**<br>Students will identify cultural practices (e.g. customs and traditions) and cultural products (e.g. literatures arts institutions and individuals)from the Spanish-speaking world place them in their historical political and social contexts and interpret the unique perspectives on human experience that they reveal. |

| | |
|---|---|
| **Title**<br>Critical Thinking and Expression | **Learning Outcome**<br>Students will analyze language literary texts and other cultural products and practices using sound thinking and clear expression. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*It is strongly recommended that StDev 317, a 2-credit-hour course, be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps*

*Catalog.*

*A teaching minor in another subject is strongly recommended. Teaching opportunities in public schools may be significantly reduced without a second teaching subject that a teaching minor provides.*

**Requirement 1 — Obtain confirmation from your advisement center that you have completed the following:**

The Spanish and Portuguese Department requires a minimum of 18 upper-division major hours to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

**Requirement 2 —Complete 1 Requirement**

**Requirement 2.1 —Complete 9 Courses**

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN377 Spanish Teaching Methods 1 - Spanish Teaching Methods 1 3.0

SPAN378 Spanish Teaching Methods 2 - Spanish Teaching Methods 2 3.0

SPAN380 Practicum in Teaching Spanish - Practicum in Teaching Spanish 1.0

Note 1: Fingerprinting and FBI clearance must be completed prior to enrolling in Span 380.

Note 2: Span 377 must be completed before taking Span 378.

Note 3: Span 378 and 380 must be taken concurrently the semester immediately before student teaching.

**Requirement 3 —Complete 1 of 2 Options**

**Option 3.1 —Complete 1 Course**

SPAN335 Hispanic Lit for Span Teachers - Hispanic Lit for Span Teachers 3.0

**Option 3.2 —Complete 2 Courses**

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

**Requirement 4 —Complete 6 hours**

**Option 4.1 —Complete at least 3 hours up to 6 hours**

*You may count only one of the following three courses as an elective: SPAN 323A, SPAN 323B, SPAN323C*

SPAN325 Survey of Hispanic Linguistics - Survey of Hispanic Linguistics 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America

*necessary for obtaining employment related to their own specialty.*

**Requirement 1 — Obtain confirmation from your advisement center that you have completed the following:**

The Spanish and Portuguese Department requires a minimum of 18 hours of upper-division major credit to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

**Requirement 2 — Complete 4 Courses**

PLANG380 Computer-Assisted Translation - Computer-Assisted Translation 3.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN325 Survey of Hispanic Linguistics - Survey of Hispanic Linguistics 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

**Requirement 3 — Complete 1 of 4 Courses**

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

**Requirement 4 — Complete 1 of 2 Courses**

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

**Requirement 5 — Complete 6 hours**

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN421 4th Yr Grammar - 4th Yr Grammar 3.0

SPAN467 Hist & Theory of Translation - Hist & Theory of Translation 3.0

SPAN468 Literary Translation - Literary Translation 3.0

**Requirement 6 — Complete 1 Requirement**

Complete the following courses in sequence:

**Requirement 6.1 — Complete 4 Courses**

SPAN360 Intro to Translation - Intro to Translation 3.0

SPAN361 Spanish to English Translation - Spanish to English Translation 3.0

SPAN362 English to Spanish Translation - English to Spanish Translation 3.0

SPAN469 Trans & Interpretation Project - Trans & Interpretation Project 3.0

**Requirement 7 — Complete 2 hours**

PLANG399R Translation Localizatn Intern - Translation Localizatn Intern - *You may take once* 0.5v

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

SPAN395R Contemporary Culture - Contemporary Culture - *You may take once* 0.5v

SPAN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

SPAN411 Conversation Superior Level - Conversation Superior Level 3.0

SPAN421 4th Yr Grammar - 4th Yr Grammar 3.0

SPAN423 Border Spanish - Border Spanish 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct 3.0

SPAN429R Spec Top Span Ling - Spec Top Span Ling - *You may take once* 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit - *You may take once* 3.0

SPAN444 Don Quijote- Don Quijote 3.0

SPAN446R 19th Century Lit - 19th Century Lit - *You may take once* 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain - *You may take once* 3.0

SPAN448R 20th Century Lit - 20th Century Lit - *You may take once* 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit - *You may take once* 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take once* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take once* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take once* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take once* 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story - *You may take once* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take once* 3.0

SPAN465 Span Medical Interpretation - Span Medical Interpretation 3.0

SPAN480R Directed Research - Directed Research - *You may take once* 0.5v

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar 3.0

SPAN521 Romance Philology - Romance Philology 3.0

SPAN522 History of Spanish Language - History of Spanish Language 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguistics - *You may take once* 3.0

SPAN399R Academic Internship - Academic Internship - *You may take once* 0.5v

**Requirement 8 — Complete 1 Course**

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

*Note:* Course involves taking proficiency tests in speaking, writing, reading, and listening. Students who have previously taken one or more of these tests must still in enroll in the class to complete the remaining tests. No particular passing score is required, although it is hoped that students reach Advanced Low or better.

*You may take once* 3.0

**Option 4.2 —Complete up to 3 hours**

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

**Requirement 5 —Complete 1 Requirement**

*Professional Education Component:*

Licensure Requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 5.1 —Complete 5 Courses**

*NOTE: FBI fingerprint and background clearance must be completed before enrollment in FLang 276.*

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

FLANG276 Exploration-Tchg Foreign Lang - Exploration-Tchg Foreign Lang 4.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

**Requirement 6 —Complete 12 hours**

*Note: Student teachers/interns must complete all required EPP assessments through mYlink in order to be cleared for graduation.*

SPAN476 Sec Spanish Student Teaching - Sec Spanish Student Teaching - *You may take up to 12.0 credit hours* 12.0

SPAN496 Sec Spanish Tching Internship - Sec Spanish Tching Internship - *You may take up to 12.0 credit hours* 12.0

**Requirement 7 —Complete 1 Course**

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

Note 1: An ACTFL Oral Proficiency Interview (OPI) Writing Proficiency Test and Reading Comprehension Test are taken in connection with Span 491. Before applying to student teach, students must achieve a minimum OPI rating of "Advanced-Low" to obtain Utah state licensure and to graduate.

Note 2: To qualify for Utah licensure, students must also pass the Praxis Spanish World Language exam at the state-specified cutoff level prior to student teaching. Contact Education Student Services or check their website for more information.

*Note: Students are strongly encouraged to participate in a Spanish language/culture immersion experience, such as an LDS mission, Study Abroad program, internship, a semester in the Foreign Language Student Residence, or a service learning course.*

# 555427 - Portuguese Studies (Secondary Major) (BA)

## Program Information

| Program Title | Degree |
|---|---|
| Portuguese Studies (Secondary Major) | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 25.5 | 47.5 |

**Major Academic Plan**

MAP - BA in Portuguese Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Language Competence | Students will speak, listen, read, and write Portuguese at the ACTFL Advanced Low level or better. |

| Title | Learning Outcome |
|---|---|
| Cultural Competence | Students will identify cultural practices (e.g., customs and traditions) and cultural products (e.g., literatures, arts, institutions, and individuals) from the Portuguese-speaking world, place them in their historical, political, and social contexts, and interpret the unique perspectives on human experience that they reveal. |

| Title | Learning Outcome |
|---|---|
| Critical Thinking and Expression | Students will analyze language, literary texts, and other cultural products and practices using sound thinking and clear expression. |

| Title | Learning Outcome |
|---|---|
| Connecting Learning to Life | Students will connect academic experience to their personal and professional lives. |

**Free Form Requirements**

*Students must complete the requirements for a primary major in another field.*

**Requirement 1 — Complete 2 Courses**

*Core courses:*

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

**Requirement 2 — Complete 1 of 3 Courses**

PORT322 3rd Yr Grammar & Composition - 3rd Yr Grammar & Composition 3.0

# 555428 - Spanish Studies (Secondary Major) (BA)

## Program Information

| Program Title | Degree |
|---|---|
| Spanish Studies (Secondary Major) | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 25.5 | 43.5 |

**Major Academic Plan**

MAP - BA in Spanish Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Language Competence | Students will speak, listen, read, and write Spanish at the ACTFL Advanced Low level or better. |

| Title | Learning Outcome |
|---|---|
| Cultural Competence | Students will identify cultural practices (e.g., customs and traditions) and cultural products (e.g., literatures, arts, institutions, and individuals) from the Spanish-speaking world, place them in their historical, political, and social contexts, and interpret the unique perspectives on human experience that they reveal. |

| Title | Learning Outcome |
|---|---|
| Critical Thinking and Expression | Students will analyze language, literary texts, and other cultural products and practices using sound thinking and clear expression. |

| Title | Learning Outcome |
|---|---|
| Connecting Learning to Life | Students will connect academic experience to their personal and professional lives. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*- Students must complete the requirements for a primary major in another field.*

**Requirement 1 — Complete 3 Courses**

*Core courses:*

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

Composition 3.0

PORT323A Portuguese Medical Professions - Portuguese Medical Professions 3.0

PORT323B Portuguese Business Profession - Portuguese Business Profession 3.0

**Requirement 3 — Complete 1 of 2 Courses**

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 3.0

**Requirement 4 — Complete 1 of 4 Courses**

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port - *You may take once* 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

**Requirement 5 — Complete 1 Course**

PORT493 Capstone Course in Portuguese - Capstone Course in Portuguese 1.0

**Requirement 6 — Complete 9 hours**

**Option 6.1 — Complete at least 6 hours up to 9 hours**

*Note: Courses used to satisfy above requirements may not double count.*

PORT322 3rd Yr Grammar & Composition - 3rd Yr Grammar & Composition 3.0

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 3.0

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT360 Intro to Translation - Intro to Translation 3.0

PORT377 Methods of Portuguese Teaching - Methods of Portuguese Teaching 3.0

PORT395R Contemporary Culture - Contemporary Culture - *You may take 2 times* 0.5v

PORT399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

PORT 419 - Problems in Translation - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

PORT429R Spec Topics Port Linguistics - Spec Topics Port Linguistics - *You may take once* 3.0

PORT431R African Portuguese Lit - African Portuguese Lit - *You may take 2 times* 3.0

PORT437R Women Writers in Portuguese - Women Writers in

SPAN325 Survey of Hispanic Linguistics - Survey of Hispanic Linguistics 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

**Requirement 2 — Complete 1 of 4 Courses**

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

**Requirement 3 — Complete 1 Course**

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain - *You may take once* 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

**Requirement 4 — Complete 1 Course**

SPAN493 Capstone Course in Spanish - Capstone Course in Spanish 1.0

**Requirement 5 — Complete 9 hours**

**Option 5.1 — Complete at least 6 hours up to 9 hours**

*Note: Courses used to satisfy above requirements may not double count.*

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

SPAN376 Techniques of Span Instruction - Techniques of Span Instruction 3.0

SPAN395R Contemporary Culture - Contemporary Culture - *You may take 2 times* 0.5v

SPAN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

SPAN411 Conversation Superior Level - Conversation Superior Level 3.0

SPAN421 4th Yr Grammar - 4th Yr Grammar 3.0

SPAN423 Border Spanish - Border Spanish 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct 3.0

Portuguese - *You may take once* 3.0

PORT438 Luso-Brazilian Cinema - Luso-Brazilian Cinema 3.0

PORT439R Luso-Braz Theat Pr - Luso-Braz Theat Pr - *You may take 2 times* 3.0

PORT442 Camoes - Camoes 3.0

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port - *You may take once* 3.0

PORT449R Special Topics in Port Lit - Special Topics in Port Lit - *You may take 2 times* 3.0

PORT452 Machado de Assis - Machado de Assis 3.0

PORT453 20th-Century Brazilian Lit - 20th-Century Brazilian Lit 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazil Lit - *You may take 2 times* 3.0

PORT 462R - Lusophone Literature - *You may take 2 times - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

PORT480R Directed Research - Directed Research - *You may take 2 times* 0.5v

PORT520 Adv Portuguese Grammar - Adv Portuguese Grammar 3.0

PORT521 Romance Philology - Romance Philology 3.0

PORT522 Hist of Portuguese Lang - Hist of Portuguese Lang 3.0

PORT529R Special Topics in Port Ling - Special Topics in Port Ling - *You may take 2 times* 3.0

**Option 6.2 — Complete up to 3 hours**

PORT323A Portuguese Medical Professions - Portuguese Medical Professions 3.0

PORT323B Portuguese Business Profession - Portuguese Business Profession 3.0

**Requirement 7 — Complete 1 Course**

*Note: Course involves taking proficiency tests in speaking, writing, reading, and listening. Students who have previously taken one or more of these tests must still in enroll in the class to complete the remaining tests. No particular passing score is required, although it is hoped that students reach Advanced Low or better.*

PORT491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.0

SPAN429R Spec Top Span Ling - Spec Top Span Ling - *You may take 2 times* 3.0

SPAN437R Women Writers in Spanish - Women Writers in Spanish - *You may take once* 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN439R Hisp Theatre Prod - Hisp Theatre Prod - *You may take 2 times* 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit - *You may take 2 times* 3.0

SPAN444 Don Quijote - Don Quijote 3.0

SPAN446R 19th Century Lit - 19th Century Lit - *You may take 2 times* 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain - *You may take 2 times* 3.0

SPAN448R 20th Century Lit - 20th Century Lit - *You may take 2 times* 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit - *You may take 2 times* 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take 2 times* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take 2 times* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take 2 times* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take 2 times* 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take 2 times* 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story - *You may take 2 times* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take 2 times* 3.0

SPAN465 Span Medical Interpretation - Span Medical Interpretation 3.0

SPAN480R Directed Research - Directed Research - *You may take 2 times* 0.5v

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar 3.0

SPAN521 Romance Philology - Romance Philology 3.0

SPAN522 History of Spanish Language - History of Spanish Language 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguistics - *You may take 2 times* 3.0

**Option 5.2 — Complete up to 3 hours**

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

**Requirement 6 — Complete 1 Course**

*Note: Course involves taking proficiency tests in speaking, writing, reading, and listening. Students who have previously taken one or more of these tests must still in enroll in the class to complete the remaining tests. No particular passing score is required, although it is hoped that students reach Advanced Low or better.*

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

## 570102 - Asian Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Asian Studies | MIN |
| Variable Credit Min | Variable Credit Max |
| 17 | 28 |

Free Form Requirements

**Requirement 1 — Complete 1 Course**

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

**Requirement 2 — Complete 1 of 4 Options**

**Option 2.1 — Complete 2 Requirements**

*A. China track:*

**Requirement 2.1.1 — Complete 4 Courses**

*Complete the following courses (or equivalent experience):*

CHIN101 Beginning Mandarin - Beginning Mandarin 4.0

CHIN102 Beginning Mandarin - Beginning Mandarin 4.0

CHIN201 Intermediate Mandarin - Intermediate Mandarin 4.0

CHIN202 Intermediate Mandarin - Intermediate Mandarin 4.0

**Requirement 2.1.2 — Complete 8 hours**

*Complete at least 8.0 credit hours from the following elective options:*

**Requirement 2.1.2.1 — Complete up to 3 hours**

ANTHR343 Chinese Culture & Society - Chinese Culture & Society 3.0

**Requirement 2.1.2.2 — Complete up to 3 hours**

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

CHIN346 Chinese Philosophy - Chinese Philosophy 3.0

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

## 570104 - European Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| European Studies | MIN |
| Variable Credit Min | Variable Credit Max |
| 18 | 34 |

Free Form Requirements

**Requirement 1 — Complete 1 of 45 Courses**

*Complete the GE Languages of Learning requirement in a European language.*

ALBAN330 Adv Lang & Cult: Albanian - Adv Lang & Cult: Albanian 3.0

BASQ330 Adv Lang & Cult: Basque - Adv Lang & Cult: Basque 3.0

BULGN330 Cultural History of Bulgaria - Cultural History of Bulgaria 3.0

CATLN330 Adv Lang & Cult: Catalan - Adv Lang & Cult: Catalan 3.0

CROAT330 Adv Lang & Cult: Croatian - Adv Lang & Cult: Croatian 3.0

CZECH330 Cultural History of Czech - Cultural History of Czech 3.0

DANSH202 2nd-Year Danish - 2nd-Year Danish 4.0

DANSH340 Danish Literature - Danish Literature 3.0

DUTCH340 Intro to Dutch Literature - Intro to Dutch Literature 3.0

ESTON330 Adv Lang & Cult: Estonian - Adv Lang & Cult: Estonian 3.0

FINN202 2nd Year Finnish - 2nd Year Finnish 4.0

FINN340 Finnish Literature - Finnish Literature 3.0

FREN202 Intermediate French, Part 2 - Intermediate French, Part 2 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

GERM202 2nd-Year German - 2nd-Year German 4.0

02404-002 - Missing course - Cultural History of Germany 3.0

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

HUNG330 Cultural History of Hungary - Cultural History of Hungary 3.0

ICLND202 2nd Year Icelandic - 2nd Year Icelandic 4.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

**Requirement 2.1.2.3 — Complete up to 3 hours**

GEOG272 East Asia - East Asia 3.0

**Requirement 2.1.2.4 — Complete up to 3 hours**

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

**Requirement 2.1.2.5 — Complete up to 3 hours**

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

**Requirement 2.1.2.6 — Complete up to 2 hours**

REL C358 Survey of Eastern Religions - Survey of Eastern Religions 2.0

Note: Study Abroad / Internship credit is also applicable.

**Option 2.2 — Complete 2 Requirements**

*B. Japan track:*

**Requirement 2.2.1 — Complete 4 Courses**

*Complete the following courses (or equivalent experience):*

JAPAN101 1st-Year Japanese - 1st-Year Japanese 4.0

JAPAN102 1st-Year Japanese - 1st-Year Japanese 4.0

JAPAN201 Second-Year Japanese - Second-Year Japanese 4.0

JAPAN202 Second-Year Japanese - Second-Year Japanese 4.0

**Requirement 2.2.2 — Complete 8 hours**

*Complete a minimum of 8.0 credit hours from the following elective options:*

**Requirement 2.2.2.1 — Complete up to 3 hours**

ARTHC375 Japanese Art & Architecture - Japanese Art & Architecture 3.0

**Requirement 2.2.2.2 — Complete up to 3 hours**

GEOG272 East Asia - East Asia 3.0

**Requirement 2.2.2.3 — Complete up to 3 hours**

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

**Requirement 2.2.2.4 — Complete up to 3 hours**

JAPAN345 Japanese Culture - Japanese Culture 3.0

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

ICELND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

ITAL202 Intermediate Italian 2 - Intermediate Italian 2 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

NORWE202 2nd-Year Norwegian - 2nd-Year Norwegian 4.0

NORWE340 Norwegian Literature - Norwegian Literature 3.0

POLSH202 2nd Year Polish - 2nd Year Polish 4.0

POLSH330 Cultural History of Poland - Cultural History of Poland 3.0

PORT202 Port Reading & Comprehension - Port Reading & Comprehension 4.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

ROM340 Intro toRomanian Liter&Culture - Intro toRomanian Liter&Culture 3.0

RUSS202 2nd Year Russian Part 2 - 2nd Year Russian Part 2 5.0

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

SLN330 Adv Lang & Cult: Slovene - Adv Lang & Cult: Slovene 3.0

SPAN205 University Spanish 3 - University Spanish 3 4.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SRBIA330 Adv Lang & Cult: Serbian - Adv Lang & Cult: Serbian 3.0

SWED202 2nd-Year Swedish - 2nd-Year Swedish 4.0

SWED340 Swedish Literature - Swedish Literature 3.0

UKRAI330 Cultural History of Ukraine - Cultural History of Ukraine 3.0

WELSH330 Adv Lang & Cult: Welsh - Adv Lang & Cult: Welsh 3.0

**Requirement 2 — Complete 3 Courses**

EUROP200 Intro to European Studies - Intro to European Studies 3.0

EUROP320R European Lit, Art, and Culture - European Lit, Art, and Culture - *You may take once* 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

**Requirement 3 — Complete 6 hours**

*Note: Other Europe-related courses may be used here with European Studies coordinator's approval.*

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC316 Art of the Medieval West - Art of the Medieval West 3.0

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

JAPAN441 Intro to Classical Japanese - Intro to Classical Japanese 3.0

JAPAN444 Toward Superior Japanese: Lit - Toward Superior Japanese: Lit 3.0

JAPAN 445 - Christianity in Japanese Lit - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

**Requirement 2.2.2.5 — Complete up to 3 hours**

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

**Requirement 2.2.2.6 — Complete up to 3 hours**

REL C358 Survey of Eastern Religions - Survey of Eastern Religions 2.0

Note: Study Abroad / Internship credit is also applicable.

**Option 2.3 — Complete 2 Requirements**

*C. Korea Track:*

**Requirement 2.3.1 — Complete 4 Courses**

*Complete the following courses (may be waived with equivalent experience):*

KOREA101 First-Year Korean 1 - First-Year Korean 1 4.0

KOREA102 First-Year Korean 2 - First-Year Korean 2 4.0

KOREA201 Second-Year Korean 1 - Second-Year Korean 1 4.0

KOREA202 Second-Year Korean 2 - Second-Year Korean 2 4.0

**Requirement 2.3.2 — Complete 8 hours**

**Requirement 2.3.2.1 — Complete up to 3 hours**

GEOG272 East Asia - East Asia 3.0

**Requirement 2.3.2.2 — Complete up to 3 hours**

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

**Requirement 2.3.2.3 — Complete up to 3 hours**

KOREA315 Sino-Korean Character Workshop - Sino-Korean Character Workshop 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA345 Korean Culture - Korean Culture 3.0

KOREA346 North Korean Culture - North Korean Lang. & Culture 2.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

**Requirement 2.3.2.4 — Complete up to 3 hours**

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

**Requirement 2.3.2.5 — Complete up to 2 hours**

ARTHC329 Ren & Baroque Arch - Ren & Baroque Arch 3.0

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC350 Modern Art - Modern Art 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

ENGL300R Brit Liter in Cultural Setting - Brit Liter in Cultural Setting - *You may take once* 0.5v

EUROP336R Soc Sciences: European Context - Soc Sciences: European Context - *You may take once* 0.5v

EUROP490R Senior Seminar - Senior Seminar - *You may take once* 3.0

FNART270R Global Arts - Global Arts - *You may take once* 0.5v

GEOG260 Europe - Europe 3.0

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

10493-000 - Missing course - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST 310 - Euro Economic Hist - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST 320 - Society in Europe - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

IAS399R Academic Internship - Academic Internship - *You may take once* 0.5v

IHUM 270R - European Humanities & Arts - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

POLI341 European Politics - European Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

REL C358 Survey of Eastern Religions - Survey of Eastern Religions 2.0

Note: Study Abroad / Internship credit is also applicable.

**Option 2.4 — Complete 2 Option**

*D. Pan Asia Track:*

**Requirement 2.4.1 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 8 hours of a single Asian language (excluding Mandarin, Japanese, and Korean).

**Requirement 2.4.2 — Complete 8 hours**

**Requirement 2.4.2.1 — Complete up to 3 hours**

00304-002 - Missing course - Peoples of India 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

**Requirement 2.4.2.2 — Complete up to 3 hours**

ARTHC203 Asian Art Survey - Asian Art Survey 3.0

**Requirement 2.4.2.3 — Complete up to 3 hours**

ASIAN342 Asian Lit Trads - Asian Lit Trads 3.0

**Requirement 2.4.2.4 — Complete up to 3 hours**

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

**Requirement 2.4.2.5 — Complete up to 3 hours**

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

**Requirement 2.4.2.6 — Complete up to 3 hours**

IHUM241 Humanities of East Asia - Humanities of East Asia 3.0

IHUM243 Humanities of South Asia - Humanities of South Asia 3.0

**Requirement 2.4.2.7 — Complete up to 3 hours**

MUSIC203 World Music Cultures - World Music Cultures 3.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take once* 1.0

**Requirement 2.4.2.8 — Complete up to 3 hours**

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI351 British Government & Politics - British Government & Politics 3.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

**Requirement 2.4.2.9 — Complete up to 2 hours**

REL C358 Survey of Eastern Religions - Survey of Eastern Religions 2.0

Note: Study Abroad / Internship credit is also applicable.

## 570106 - Latin American Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Latin American Studies | MIN |
| Variable Credit Min | Variable Credit Max |
| 13 | 48 |

Free Form Requirements

**Requirement 1 — Complete 1 of 2 Options**

*Prerequisite courses (may be waived with equivalent experience):*

**Option 1.1 — Complete 4 Courses**

PORT101 First-Year Portuguese - First-Year Portuguese 4.0

PORT102 First-Year Portuguese - First-Year Portuguese 4.0

PORT201 Third-Semester Portuguese - Third-Semester Portuguese 4.0

PORT202 Port Reading & Comprehension - Port Reading & Comprehension 4.0

**Option 1.2 — Complete 6 Courses**

SPAN101 Foundational Spanish 1 - Foundational Spanish 1 4.0

SPAN102 Foundational Spanish 2 - Foundational Spanish 2 4.0

SPAN105 University Spanish 1 - University Spanish 1 4.0

SPAN106 University Spanish 2 - University Spanish 2 4.0

SPAN205 University Spanish 3 - University Spanish 3 4.0

SPAN206 Intensive Span Skills Develop - Intensive Span Skills Develop 4.0

**Requirement 2 — Complete 1 of 2 Courses**

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

**Requirement 3 — Complete 1 of 3 Courses**

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

**Requirement 4 — Complete 1 Requirement**

**Requirement 4.1 — Complete 4 of 32 Courses**

ANTHR355 Arch Mesoamerica - Arch Mesoamerica 3.0

GEOG255 Middle & South America - Middle & South America 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

## 570110 - International Development (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| International Development | MIN |
| Variable Credit Min | Variable Credit Max |
| 18 | 18 |

Free Form Requirements

*No double-counting courses within the different areas of this minor is allowed.*

*Because the International Development minor is interdisciplinary, it is critical that students are exposed to multiple disciplinary perspectives and methods as they address the larger topic of international development. Thus, no more than 6 credit hours from any one discipline can be counted toward fulfillment of the minor. The one exception to this is IAS credits through IAS 220, 380R, 397R, or 399R. Counting the required IAS 220, no more than 12 hours of IAS credit can count toward the minor.*

**Requirement 1 — Complete 1 Course**

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

**Requirement 2 — Complete 2 of 9 Courses**

ECON230 Econ Development & Growth - Econ Development & Growth 3.0

EDLF363 Ed, Poverty & Community Dev - Ed, Poverty & Community Dev 3.0

HLTH480 International Health - International Health 3.0

MSB375 Social Impact - Social Impact 3.0

POLI352 African Politics - African Politics 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

**Requirement 3 — Complete 9 hours**

*Courses counted above do not double count here.*

**Option 3.1 — Complete 9 hours**

ANTHR434 Medical Anthropology - Medical Anthropology 3.0

ANTHR247 Applied Anthropology - Applied Anthropology 3.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

IAS399R Academic Internship - Academic Internship - *You may take once* 0.5v

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

LT AM211 Intro Latin American Studies - Intro Latin American Studies 3.0

LT AM495 Senior Seminar - Senior Seminar 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

SOC345 World Populations - World Populations 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN395R Contemporary Culture - Contemporary Culture - *You may take once* 0.5v

SPAN423 Border Spanish - Border Spanish 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take once* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take once* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take once* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take once* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take once* 3.0

With prior approval from the program coordinator, students may receive up to 3 elective hours for service learning, an internship, or Study Abroad.

ECON230 Econ Development & Growth - Econ Development & Growth 3.0

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

EDLF362 Intro International Dev Ed - Intro International Dev Ed 3.0

EDLF363 Ed, Poverty & Community Dev - Ed, Poverty & Community Dev 3.0

EDLF365 Ed Policy in Develpg Countries - Ed Policy in Develpg Countries 3.0

EL ED203 Fndtns of Multicultural Educ - Fndtns of Multicultural Educ 3.0

ENGL397R World Literatures in English - World Literatures in English - *You may take once* 3.0

GEOG101 Global Environment - Global Environment 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

HIST261 Modern Africa - Modern Africa 3.0

HLTH210 Foundations of Public Health - Foundations of Public Health 3.0

HLTH322 Environmental Health - Environmental Health 3.0

HLTH413 Refugee & Migrant Health - Refugee & Migrant Health 3.0

HLTH420 Injury & Violence Prevention - Injury & Violence Prevention 3.0

HLTH450 Women's Health - Women's Health 3.0

HLTH480 International Health - International Health 3.0

HLTH496R Academic Internship: Hlth Prom - Academic Internship: Hlth Prom - *You may take once* 0.5v

HLTH496R Academic Internship: EH/OH - Academic Internship: EH/OH - *You may take once* 0.5v

HLTH496R Academic Internship: Hlth Sci - Academic Internship: Hlth Sci - *You may take once* 0.5v

IAS397R Topics in IAS - Topics in IAS - *You may take up to 3.0 credit hours* 0.5v

IAS399R Academic Internship - Academic Internship - *You may take up to 6.0 credit hours* 0.5v

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take once* 3.0

MSB 331 - Intro to NP Organizations - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

MSB 332 - Nonprofit Res. Development - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

MSB 333 - Nonprofit Management - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

MSB 334 - Grant Writing - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 2.0

MSB375 Social Impact - Social Impact 3.0

NDFS380 International Nutrition - International Nutrition 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI352 African Politics - African Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

PWS115 Wildlife & Wildland Conservatn - Wildlife & Wildland Conservatn 1.0

PWS150 Environmental Biology - Environmental Biology 3.0

PWS282 Soil Science - Soil Science 3.0

PWS303 Soils Conservation & Resources - Soils Conservation & Resources 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

SOC302 Evaluation Research - Evaluation Research 3.0

SOC339 Social Orgnztn & Change - Social Orgnztn & Change 3.0

SOC340 Soc of International Develpmnt - Soc of International

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

SOC422 Inequality & Society - Inequality & Society 3.0

SOC W585 Global Issues - Chldrn at Risk - Global Issues - Chldrn at Risk 3.0

Other courses with the approval of the development coordinator may also count.

We encourage all students to earn 3-6 credit hours by completing an international study abroad (IAS 397R), internship, or field school (IAS 399R) experience that focuses on development. For a list of approved programs that will count toward the minor, or to request approval of a program, contact the International Development minor coordinator.

Note 1: Students must have completed IAS 220 before doing an internship (IAS 399R).

Note 2: Students cannot count both Econ 230 and 431 or Econ 230 and 432. They should choose to take either the 200-level course or the 400-level course.

## 570120 - American Studies (BA)

### Program Information

| Program Title | Degree |
|---|---|
| American Studies | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 51 | 51 |

**Major Academic Plan**

MAP - BA in American Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Work Independently | American Studies graduates will have created a coherent course of study matched to their interests and their post-graduate plans. This may include taking a suitable minor and creating for themselves relevant extracurricular experiences such as internships editorships travel study ORCA grants conference participation and publication. |
| Engage Disciplinarily and Interdisciplinarily | American Studies graduates will understand that American studies is coherent as a discipline in and of itself and also engage their major both within and across the various other disciplines that constitute American Studies mastering the theoretical and methodological approaches inherent in the American Studies curriculum. |

## 570123 - European Studies (BA)

### Program Information

| Program Title | Degree |
|---|---|
| European Studies | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 45 | 61 |

**Major Academic Plan**

MAPS - BA in European Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Information Literacy: Foundations & Frameworks in European Studies | Students will demonstrate advanced factual knowledge of European geographies, histories, politics, and cultures, and show proficiency in analyzing and interpreting specific European topics using major theories and concepts from the core European Studies disciplines (history, political science, and the humanities). |
| Global Citizenship | Students will acquire and refine an intellectual curiosity and habits of thought that will lead to life-long learning and continued engagement with European history, literature, culture, languages, and current affairs in various realms (personal, professional, church, civic). |
| | Students will acquire advanced |

| | |
|---|---|
| Title<br>Analyze Rigorously | Learning Outcome<br>American Studies graduates will be able to read critically and analyze cultural economic historical literary political social and religious texts and artifacts. They will identify evaluate and incorporate appropriate research sources in their work as they demonstrate awareness of the critical conversations they are entering. Their analyses will contribute to their understanding of the ways in which the American experience has been and continues to be constructed and transmitted. |

| | |
|---|---|
| Title<br>Communicate Persuasively | Learning Outcome<br>American Studies graduates will be able to formulate both their oral and written arguments coherently support them clearly and communicate them effectively to their audiences using correct conventions of language and some stylistic flair–all according to the best practices of the variety of disciplines and situations in which they are engaged. |

Free Form Requirements

*The American Studies 304/490 sequence fulfills the Advanced Written and Oral Communications requirement.*

*Majors should begin course work in the major by taking Am St 303 fall semester of the sophomore or (at latest) junior year, followed by Am St 304.*

**Requirement 1 —Complete 2 Courses**

*Required courses:*

IHUM261 AmerHumanities1:Colonial-1876 - AmerHumanities1:Colonial-1876 3.0

IHUM262 AmerHumanities2:1877-Present - AmerHumanities2:1877-Present 3.0

**Requirement 2 — Complete 1 of 2 Options**

**Option 2.1 —Complete 1 Course**

A HTG100 American Heritage - American Heritage 3.0

**Option 2.2 —Complete 2 of 3 Courses**

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

*Note: POLI 210 may be substituted for POLI 110.*

**Requirement 3 —Complete 2 Courses**

AM ST303 Am Studies History & Theory - Am Studies History & Theory

| | |
|---|---|
| Title<br>Cultural Navigation: International Perspectives & Experiences | international and intercultural competencies through coursework in international studies, habitual reading of European and global news, regular attendance at Kennedy Center lectures, as well as mentored learning experiences, including study abroad, internship, etc. |

| | |
|---|---|
| Title<br>Professional Skills and Competencies | Learning Outcome<br>Students will cultivate advanced skills in critical reading, thinking, and communication in a variety of disciplinary traditions (history, humanities, political science, etc.). Students will learn how to locate, use, and cite high-quality and reliable resources from the library and online and use that research in the creation of a substantive research paper. They will also demonstrate a proficiency in communicating in a European language other than English. |

Free Form Requirements

**Requirement 1 — Complete 1 of 45 Courses**

*Complete the GE Foreign Language requirement in a European language.*

ALBAN330 Adv Lang & Cult: Albanian - Adv Lang & Cult: Albanian 3.0

BASQ330 Adv Lang & Cult: Basque - Adv Lang & Cult: Basque 3.0

BULGN330 Cultural History of Bulgaria - Cultural History of Bulgaria 3.0

CATLN330 Adv Lang & Cult: Catalan - Adv Lang & Cult: Catalan 3.0

CROAT330 Adv Lang & Cult: Croatian - Adv Lang & Cult: Croatian 3.0

CZECH330 Cultural History of Czech - Cultural History of Czech 3.0

DANSH202 2nd-Year Danish - 2nd-Year Danish 4.0

DANSH340 Danish Literature - Danish Literature 3.0

DUTCH340 Intro to Dutch Literature - Intro to Dutch Literature 3.0

ESTON330 Adv Lang & Cult: Estonian - Adv Lang & Cult: Estonian 3.0

FINN202 2nd Year Finnish - 2nd Year Finnish 4.0

FINN340 Finnish Literature - Finnish Literature 3.0

FREN202 Intermediate French, Part 2 - Intermediate French, Part 2 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

GERM202 2nd-Year German - 2nd-Year German 4.0

02404-002 - Missing course - Cultural History of Germany 3.0

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

AM ST305 Am Studies History & Theory - Am Studies History & Theory 3.0

AM ST304 Methods and Writing Practices - Methods and Writing Practices 3.0

**Requirement 4 —Complete 30 hours**

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

AM ST301 Western Am. St. Seminar - Western Am. St. Seminar 3.0

AM ST360 Film in American Culture - Film in American Culture 3.0

AM ST390R Topics in American Studies - Topics in American Studies - *You may take up to 6.0 credit hours* 3.0

AM ST392R Lecture Series - Lecture Series - *You may take up to 3.0 credit hours* 1.0

ANTHR345 American Culture - American Culture 3.0

06853-003 - Missing course - Anthropology of Mormonism 3.0

ANTHR350 Arch Cultures of N America - Arch Cultures of N America 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take up to 3.0 credit hours* 0.5v

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC353 American Art 1876-1950 - American Art 1876-1950 3.0

ARTHC365 Amer Architecture - Amer Architecture 3.0

COMMS301 Media History & Philosophy - Media History & Philosophy 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS406 Media & the First Amendment - Media & the First Amendment 3.0

ECON 274 - American Economic History - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ELANG 322 - Modern American Usage 3.0

ENGL293 American Literary History - American Literary History 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL 358R - Native Amer Lit 1900-Present - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL367R American Regional Literature - American Regional Literature - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL392 American Folklore - American Folklore 3.0

HUNG330 Cultural History of Hungary - Cultural History of Hungary 3.0

ICLND202 2nd Year Icelandic - 2nd Year Icelandic 4.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

ITAL202 Intermediate Italian 2 - Intermediate Italian 2 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

NORWE202 2nd-Year Norwegian - 2nd-Year Norwegian 4.0

NORWE340 Norwegian Literature - Norwegian Literature 3.0

POLSH202 2nd Year Polish - 2nd Year Polish 4.0

POLSH330 Cultural History of Poland - Cultural History of Poland 3.0

PORT202 Port Reading & Comprehension - Port Reading & Comprehension 4.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

ROM340 Intro toRomanian Liter&Culture - Intro toRomanian Liter&Culture 3.0

RUSS202 2nd Year Russian Part 2 - 2nd Year Russian Part 2 5.0

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

SLN330 Adv Lang & Cult: Slovene - Adv Lang & Cult: Slovene 3.0

SPAN205 University Spanish 3 - University Spanish 3 4.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SRBIA330 Adv Lang & Cult: Serbian - Adv Lang & Cult: Serbian 3.0

SWED202 2nd-Year Swedish - 2nd-Year Swedish 4.0

SWED340 Swedish Literature - Swedish Literature 3.0

UKRAI330 Cultural History of Ukraine - Cultural History of Ukraine 3.0

WELSH330 Adv Lang & Cult: Welsh - Adv Lang & Cult: Welsh 3.0

**Requirement 2 — Complete 3 Courses**

EUROP200 Intro to European Studies - Intro to European Studies 3.0

EUROP320R European Lit, Art, and Culture - European Lit, Art, and Culture - *You may take once* 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

**Requirement 3 — Complete 1 of 2 Courses**

POLI341 European Politics - European Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

GEOG250 US and Canada - US and Canada 3.0

GWS332 History Latter-day Saint Women - History Latter-day Saint Women 3.0

GWS354 Pan American Women Writers - Pan American Women Writers 3.0

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

13581-001 - Missing course - Mod. American Warfare Studies 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST364 Utah - Utah 3.0

HIST365 American South - American South 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST375 J Smith in Mormon History - J Smith in Mormon History 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST391 The Vietnam War - The Vietnam War 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST394 Scripture in American History - Scripture in American History 3.0

HIST398 American Capitalism - American Capitalism 3.0

HIST490 Capstone Research Seminar - Capstone Research Seminar 3.0

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take once* 3.0

**Requirement 4 — Complete 2 of 24 Courses**

*Complete two courses from the History Core:*

CL CV304 Greek History - Greek History 3.0

CL CV307 Roman History - Roman History 3.0

EUROP336R Soc Sciences: European Context - Soc Sciences: European Context - *You may take once* 0.5v

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

10493-000 - Missing course - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST 320 - Society in Europe - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

**Requirement 5 — Complete 1 Requirement**

*Disciplinary tracks:*

**Requirement 5.1 — Complete 2 Requirements**

*A. Social Sciences Track:*

**Requirement 5.1.1 — Complete 2 of 12 Courses**

*Note: Poli 341 and Poli 347 may only be used for the Social Sciences Track if not used in Requirement 3.*

ECON257 Intrnl Trade & Fin - Intrnl Trade & Fin 3.0

GEOG260 Europe - Europe 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take once* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI462 Tocqueville - Tocqueville 3.0

REL C341 JS & Restoration 1805-1845 - JS & Restoration 1805-1845 2.0

REL C342 Pioneers, Conflict, and Growth - Pioneers, Conflict, and Growth 2.0

REL C343 Modern Church 1900-Present - Modern Church 1900-Present 2.0

REL C353 American Christianity - American Christianity 2.0

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC 327 - Soc of LDS Church & People 3.0 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

*Note 1: To count toward Requirement 3, ENGL 358R, ENGL 384R, IHUM 490R, and HIST 490 must be taught on America-oriented topics.*

*Note 2: Course substitutions may be made only with written, prior permission of the American Studies coordinator.*

3.0

HIST 310 - Euro Economic Hist - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

MKTG416 International Marketing - International Marketing 3.0

MSB430 Intro International Business - Intro International Business 3.0

POLI341 European Politics - European Politics 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI351 British Government & Politics - British Government & Politics 3.0

SOC345 World Populations - World Populations 3.0

**Requirement 5.1.2 — Complete 2 of 24 Courses**

*Complete two additional courses from Requirement 4 above.*

CL CV304 Greek History - Greek History 3.0

CL CV307 Roman History - Roman History 3.0

EUROP336R Soc Sciences: European Context - Soc Sciences: European Context - *You may take once* 0.5v

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

10493-000 - Missing course - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

*Note 3: Students may substitute up to three credit hours of approved internship credit for up to three hours of American Studies electives, including Washington, D.C. seminar credits.*

**Requirement 5 —Complete 3 hours**

*Complete HColl 399R or receive a waiver for this requirement. To receive a waiver, students may, with approval from the American Studies Program coordinator, complete an alternative 3.0 credit hour internship experience or complete a coordinator-approved career-oriented minor.*

HCOLL399R Professional Internship - Professional Internship - *You may take up to 6.0 credit hours* 0.5v

**Requirement 6 —Complete 1 Course**

*Complete the following during the senior year before graduation:*

AM ST490 Senior Capstone - Senior Capstone 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST 320 - Society in Europe - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

**Requirement 5.2 — Obtain confirmation from your advisement center that you have completed the following:**

B. Humanities Track: Complete four courses from the following: Any 300- or 400-level art history, film, humanities, literature, or philosophy course with a European emphasis. Certain 200-level courses may also count toward this requirement. Prior to registration each semester, the European Studies coordinator will distribute a list of courses that will count toward this requirement.

**Requirement 6 —Complete 1 Course**

EUROP490R Senior Seminar - Senior Seminar - *You may take once* 3.0

**Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 9 hours of supporting course work. In consultation with the faculty coordinator, propose a list of advanced courses (typically 300- or 400- level) that are European focused and that have a coherent logic relative to educational and career goals. Note that courses approved for this requirement may not be used to fulfill any other European Studies requirement. No more than three credits may be double-counted between the European Studies major and another major or minor. Students may count up to three hours of European-related academic internship credit (usually IAS 399R) toward this requirement.

**Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:**

Complete an exit interview or participate in a focus group with the European Studies coordinator during the final semester before graduation. At this interview, students will take a short assessment examination on European history, politics, and culture and will be asked to reflect on their progress in achieving the learning outcomes of the major, their experience in the program, and their life-long learning and career goals.

## 570125 - Latin American Studies (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Latin American Studies | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 36 | 60 |

**Major Academic Plan**

MAPS - BA in Latin American Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Factual Knowledge | The student will understand and interpret foundational knowledge relating to historical socio-cultural geographic and economic conditions in Latin America as well as how Latin America has interacted with world powers. |

## 570128 - Ancient Near Eastern Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Ancient Near Eastern Studies | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 21 | 23 |

**Free Form Requirements**

**Requirement 1 — Complete 2 Courses**

*Core courses:*

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

**Requirement 2 — Complete 1 of 2 Options**

**Option 2.1 — Complete 2 Requirements**

| Title | Learning Outcome |
| --- | --- |
| Social Science Research and Writing Methodology | Our LAS students will understand and learn basic methodologies of social science research and writing as well as humantities/language based research. This includes modern library skills as well as humanities/language based research. Students will demonstrate their understanding by writing papers in Spanish and/or Portuguese as well as producing a major capstone project of 20 plus pages. |

| Title | Learning Outcome |
| --- | --- |
| Oral Presentation of Critically Analyzed Ideas | Latin American Studies students will be able to critically analyze ideas evidence and arguments relating to a topic or a significant historical event or process in Latin America and make a significant oral presentation demonstrating recent knowledge from books newspapers and journals many of which are written in target languages. |

| Title | Learning Outcome |
| --- | --- |
| Language Proficiency | LAS students will demonstrate written and verbal fluency in Spanish or Portuguese. |

**Free Form Requirements**

*Courses cannot be double counted between the different requirements sections in the major.*

**Requirement 1 —Complete 1 Course**

LT AM211 Intro Latin American Studies - Intro Latin American Studies 3.0

**Requirement 2 —Complete 1 of 2 Options**

*Prerequisite courses (may be waived if have equivalent experience):*

**Option 2.1 —Complete 4 Courses**

PORT101 First-Year Portuguese - First-Year Portuguese 4.0

PORT102 First-Year Portuguese - First-Year Portuguese 4.0

PORT201 Third-Semester Portuguese - Third-Semester Portuguese 4.0

PORT202 Port Reading & Comprehension - Port Reading & Comprehension 4.0

**Option 2.2 —Complete 6 Courses**

SPAN101 Foundational Spanish 1 - Foundational Spanish 1 4.0

SPAN102 Foundational Spanish 2 - Foundational Spanish 2 4.0

SPAN105 University Spanish 1 - University Spanish 1 4.0

*A. Hebrew Bible and related literature:*

**Requirement 2.1.1 — Complete 4 Courses**

HEB131 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

HEB132 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

REL A301 The Old Testament - The Old Testament 2.0

REL A302 The Old Testament - The Old Testament 2.0

**Requirement 2.1.2 — Complete 1 of 2 Courses**

REL A211 The New Testament - The New Testament 2.0

REL A212 The New Testament - The New Testament 2.0

**Option 2.2 — Complete 2 Requirements**

*B. Greek New Testament and related literature:*

**Requirement 2.2.1 — Complete 4 Courses**

GREEK311 New Testament in Greek:Gospels - New Testament in Greek:Gospels 3.0

GREEK411R Greek NT & Christian Texts - Greek NT & Christian Texts - *You may take once* 3.0

REL A211 The New Testament - The New Testament 2.0

REL A212 The New Testament - The New Testament 2.0

**Requirement 2.2.2 — Complete 1 of 2 Courses**

REL A301 The Old Testament - The Old Testament 2.0

REL A302 The Old Testament - The Old Testament 2.0

**Requirement 3 — Complete 3 hours**

ANES201 Introduction to ANES - Introduction to ANES 3.0

ANES310 Hist & Culture of Anc Israel - Hist & Culture of Anc Israel 3.0

ANES331 Rdngs in ANE Texts to 330 BC - Rdngs in ANE Texts to 330 BC 3.0

ANES332 Rdngs in Classical NE Texts - Rdngs in Classical NE Texts 3.0

ANES392R Topics in ANES - Topics in ANES - *You may take once* 2.0v

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

CL CV363 Judaism & Christianity in N E - Judaism & Christianity in N E 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

NE LG340 Ancnt Near Eastern Mythology - Ancnt Near Eastern Mythology 3.0

NE LG345 Texts & Ancient Temples - Texts & Ancient Temples 3.0

SPAN105 University Spanish 1 - University Spanish 1 4.0

SPAN106 University Spanish 2 - University Spanish 2 4.0

SPAN205 University Spanish 3 - University Spanish 3 4.0

SPAN206 Intensive Span Skills Develop - Intensive Span Skills Develop 4.0

**Requirement 3 —Complete 1 of 2 Options**

**Option 3.1 —Complete 2 Courses**

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

**Option 3.2 —Complete 2 Courses**

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

**Requirement 4 —Complete 3 of 4 Options**

*Social Science courses:*

**Option 4.1 —Complete 1 Course**

GEOG255 Middle & South America - Middle & South America 3.0

**Option 4.2 —Complete 1 of 2 Courses**

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

**Option 4.3 —Complete 1 of 2 Courses**

POLI358 Latin American Politics - Latin American Politics 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

**Option 4.4 —Complete 1 Course**

SOC345 World Populations - World Populations 3.0

**Requirement 5 —Complete 2 of 10 Courses**

*Humanities courses:*

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT439R Luso-Braz Theat Pr - Luso-Braz Theat Pr - *You may take once* 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN423 Border Spanish - Border Spanish 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

**Requirement 6 —Complete 1 Requirement**

Complete 3.0 hours of an internship course, a service learning course, or Study Abroad program. Internship students (field study, or service learning) will register for IAS 399R; Study Abroad programs shall be in a Latin American venue, either Portuguese speaking or Spanish speaking.

**Requirement 6.1 —Complete 3 hours**

IAS397R Topics in IAS - Topics in IAS - *You may take up to 3.0 credit hours* 0.5v

IAS399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

LT AM 302 - Lat Am Proj - *You may take up to 3.0 credit hours - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 2.0

PORT395R Contemporary Culture - Contemporary Culture - *You may take up to 3.0 credit hours* 0.5v

PORT399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

SPAN395R Contemporary Culture - Contemporary Culture - *You may take up to 3.0 credit hours* 0.5v

SPAN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

**Requirement 7 —Complete 6 hours**

*Elective courses (courses taken above will not double count):*

ANTHR355 Arch Mesoamerica - Arch Mesoamerica - *You may take up to 6.0 credit hours* 3.0

BUS M 596R - Business Spanish - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

BUS M 596R - Business Portuguese - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer - *You may take up to 6.0 credit hours* 3.0

HIST252 Modern Latin Amer - Modern Latin Amer - *You may take up to 6.0 credit hours* 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST355 History of Argentina - History of Argentina - *You may take up to 6.0 credit hours* 3.0

HIST356 Brazil - Brazil - *You may take up to 6.0 credit hours* 3.0

HIST357 Indian in Latin Am - Indian in Latin Am - *You may take up to 6.0 credit hours* 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin

Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations - *You may take up to 6.0 credit hours* 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer - *You may take up to 6.0 credit hours* 3.0

HIST385 Latinos in the United States - Latinos in the United States - *You may take up to 6.0 credit hours* 3.0

MSB596R Business Portuguese - Business Portuguese - *You may take up to 6.0 credit hours* 3.0

MSB596R Business Spanish - Business Spanish - *You may take up to 6.0 credit hours* 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer - *You may take up to 6.0 credit hours* 3.0

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit - *You may take up to 6.0 credit hours* 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil - *You may take up to 6.0 credit hours* 3.0

PORT355 Cultures of Brazil - Cultures of Brazil - *You may take up to 6.0 credit hours* 3.0

PORT395R Contemporary Culture - Contemporary Culture - *You may take up to 6.0 credit hours* 0.5v

PORT438 Luso-Brazilian Cinema - Luso-Brazilian Cinema 3.0

PORT439R Luso-Braz Theat Pr - Luso-Braz Theat Pr - *You may take up to 6.0 credit hours* 3.0

PORT452 Machado de Assis - Machado de Assis - *You may take up to 6.0 credit hours* 3.0

PORT453 20th-Century Brazilian Lit - 20th-Century Brazilian Lit - *You may take up to 6.0 credit hours* 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazil Lit - *You may take up to 6.0 credit hours* 3.0

PORT520 Adv Portuguese Grammar - Adv Portuguese Grammar - *You may take up to 6.0 credit hours* 3.0

PORT521 Romance Philology - Romance Philology - *You may take up to 6.0 credit hours* 3.0

PORT522 Hist of Portuguese Lang - Hist of Portuguese Lang - *You may take up to 6.0 credit hours* 3.0

PORT529R Special Topics in Port Ling - Special Topics in Port Ling - *You may take up to 6.0 credit hours* 3.0

PORT599R Academic Internship - Academic Internship - *You may take up to 6.0 credit hours* 1.0v

SOC345 World Populations - World Populations - *You may take up to 6.0 credit hours* 3.0

SPAN325 Survey of Hispanic Linguistics - Survey of Hispanic

SPAN325 Survey of Hispanic Linguistics - Survey of Hispanic Linguistics 3.0

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature - *You may take up to 6.0 credit hours* 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America - *You may take up to 6.0 credit hours* 3.0

SPAN395R Contemporary Culture - Contemporary Culture - *You may take up to 6.0 credit hours* 0.5v

SPAN423 Border Spanish - Border Spanish - *You may take up to 6.0 credit hours* 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct - *You may take up to 6.0 credit hours* 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema - *You may take up to 6.0 credit hours* 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take up to 6.0 credit hours* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature - *You may take up to 6.0 credit hours* 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take up to 6.0 credit hours* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take up to 6.0 credit hours* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take up to 6.0 credit hours* 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story - *You may take up to 6.0 credit hours* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take up to 6.0 credit hours* 3.0

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar - *You may take up to 6.0 credit hours* 3.0

SPAN521 Romance Philology - Romance Philology - *You may take up to 6.0 credit hours* 3.0

SPAN522 History of Spanish Language - History of Spanish Language - *You may take up to 6.0 credit hours* 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguistics - *You may take once* 3.0

**Requirement 8 —Complete 1 Course**

LT AM495 Senior Seminar - Senior Seminar 3.0

*Note: All Spanish and Portuguese courses may double count toward a minor or second major in Spanish or Portuguese. Please see the Department of Spanish and Portuguese for more information.*

## 570136 - Africana Studies (Minor)

## 570137 - General Studies: American Studies (BGS)

## Program Information

| Program Title | Degree |
|---|---|
| Africana Studies | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15.5 | 24 |

**Free Form Requirements**

**Requirement 1 — Complete 1 Course**

IAS221 Intro to Africana Studies - Intro to Africana Studies 3.0

**Requirement 2 — Complete 1 of 10 Courses**

*Humanities and Fine Arts courses:*

ENGL236 Studies in British Literature - Studies in British Literature 3.0

ENGL 390R - Transnation/Transatlantic Lit - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL397R World Literatures in English - World Literatures in English - *You may take once* 3.0

ENGL495 Senior Capstone - Senior Capstone 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take once* 3.0

IHUM244 Humanities of Africa - Humanities of Africa 3.0

IHUM390R Junior Seminar - Junior Seminar - *You may take once* 3.0

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take once* 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

PORT431R African Portuguese Lit - African Portuguese Lit - *You may take once* 3.0

**Requirement 3 — Complete 1 of 17 Courses**

*Social Sciences and Development courses:*

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

EDLF362 Intro International Dev Ed - Intro International Dev Ed 3.0

EDLF363 Ed, Poverty & Community Dev - Ed, Poverty & Community Dev 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST336 S Africa Liberation - S Africa Liberation 3.0

HIST339 African Social Change - African Social Change 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HLTH480 International Health - International Health 3.0

POLI352 African Politics - African Politics 3.0

## Program Information

| Program Title | Degree |
|---|---|
| General Studies: American Studies (BGS) | BGS |
| **Variable Credit Min** | **Variable Credit Max** |
| 33 | 33 |

**Major Academic Plan**

MAPS - BGS in General Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| American Politics | Recognize the interdependence of culture and politics in American life and history. |

| Title | Learning Outcome |
|---|---|
| American History | Demonstrate an understanding of the major events in American history such as its social political economic or literary aspects. |

| Title | Learning Outcome |
|---|---|
| American Culture | Demonstrate an understanding of the multifaceted nature of American culture and identity. |

| Title | Learning Outcome |
|---|---|
| BGS Learning Outcome - Aims of a BYU Education | Reflect on and describe how their coursework in the BGS program has contributed to the aims of a BYU education: Spiritually strengthening Character building Intellectually enlarging Preparing for lifelong learning and service |

**Free Form Requirements**

*Have 27 hours of campus residency.*

*Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.*

*Thirty of the 120 hours must be 300-level or above courses.*

*Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.*

*The program must be completed in eight years or less.*

*All emphasis courses taken after admission to BGS must be BYU courses.*

**Requirement 1 —Complete 1 Course**

*Prerequisite Course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):*

STDEV100 Essential College Skills - Essential College Skill 1.0

**Requirement 2 —Complete 4 Courses**

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

**Requirement 4 — Complete 3 of 28 Courses**

*Complete any three additional elective courses.*

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

EDLF362 Intro International Dev Ed - Intro International Dev Ed 3.0

EDLF363 Ed, Poverty & Community Dev - Ed, Poverty & Community Dev 3.0

ENGL236 Studies in British Literature - Studies in British Literature 3.0

ENGL369R Transnational Lit before 1800 - Transnational Lit before 1800 - *You may take once* 3.0

ENGL397R World Literatures in English - World Literatures in English - *You may take once* 3.0

ENGL495 Senior Capstone - Senior Capstone 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take once* 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST336 S Africa Liberation - S Africa Liberation 3.0

HIST339 African Social Change - African Social Change 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HLTH480 International Health - International Health 3.0

IAS399R Academic Internship - Academic Internship - *You may take once* 0.5v

IHUM244 Humanities of Africa - Humanities of Africa 3.0

IHUM390R Junior Seminar - Junior Seminar - *You may take once* 3.0

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take once* 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

POLI352 African Politics - African Politics 3.0

PORT431R African Portuguese Lit - African Portuguese Lit - *You may take once* 3.0

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

*Note 1: All R courses must have African or African Diaspora content.*

*Note 2: All electives must be approved through the African Studies Coordinator.*

*Note 3: A maximum of two courses will be allowed to double-count*

*Core courses:*

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

**Requirement 3 —Complete 18 hours**

A HTG100 American Heritage - American Heritage 3.0

ENGL293 American Literary History - American Literary History 3.0

ENGL 336 - The American Novel - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 361 - American Lit 1800 - 1865 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 362 - American Lit 1865 - 1914 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 363 - American Lit 1914-1960 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

GEOG250 US and Canada - US and Canada 3.0

HIST364 Utah - Utah 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

REL C341 JS & Restoration 1805-1845 - JS & Restoration 1805-1845 2.0

REL C342 Pioneers, Conflict, and Growth - Pioneers & Persecution 1846-99 2.0

REL C343 Modern Church 1900-Present - Modern Church 1900-Present 2.0

**Requirement 4 —Complete 1 Course**

*Complete a capstone course (last course to be completed):*

STDEV490 BGS Capstone - BGS Capstone 2.0

*toward the student's major.*

## 570141 - Middle East Studies / Arabic (BA)

### Program Information

**Program Title**
Middle East Studies / Arabic

**Degree**
BA

**Variable Credit Min**
62

**Variable Credit Max**
70

**Major Academic Plan**
MAPS - BA in Middle East Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Critical Reasoning | Demonstrate rigorous deductive and inductive reasoning in assessing arguments and evidence |
| Analytical and Persuasive Writing | Write clearly logically and persuasively in both short and long formats |
| Oral Communication | Verbally present clear logical and persuasive arguments and engage in effective dialogues with others |
| Research Design and Practice | Use appropriate disciplinary methods to answer relevant questions through effective research design and original research |
| International and Regional Understanding | Understand the historical literary religious geographic social and political contexts of the modern Middle East and its relationship to other world regions |
| Arabic Language Comprehension | Understand contemporary written and oral Arabic language sources at the ACTFL advanced level |
| Arabic Language | Speak and write Arabic at the |

## 570142 - International Relations (BA)

### Program Information

**Program Title**
International Relations

**Degree**
BA

**Variable Credit Min**
60

**Variable Credit Max**
86

**Major Academic Plan**
MAPS - BA in International Relations 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Factual Knowledge | Demonstrate factual knowledge of important international trends and events related to politics economics geography and history. |
| Analyzing International Affairs | Analyze international affairs by using theoretical concepts and ideas from more than one IR-related discipline. |
| Writing Effectively | Communicate effectively in writing and in speech. |
| Critical and Analytical Thinking | Think critically and analytically about international problems and events and synthesize concepts information and experiences from different disciplines relevant to international affairs. |
| Analysis and Research | Employ appropriate methods of analysis and research both qualitative and quantitative to provide sophisticated analyses and clear logical arguments relating to important questions about international relations. |

**Free Form Requirements**

*No double counting of courses within the major will be allowed unless noted otherwise. Students majoring in international relations may not pursue a double major or minor in either economics or political science because of the course overlap between international relations and those majors.*

**Requirement 1 — Complete 2 Courses**

| | |
|---|---|
| Communication | ACTFL advanced level |

| Title | Learning Outcome |
|---|---|
| Cultural Proficiency and Appreciation | Effectively navigate the cultures of the Middle East with curiosity empathy and respect |

| Title | Learning Outcome |
|---|---|
| Professional Preparation | Demonstrate skills of resilience collaboration and leadership in preparation for a future career |

**Free Form Requirements**

*Students should take courses in this approximate sequence: (1) language prerequisites; (2) core major curriculum; (3) track requirements in "History and Humanities" or "Social Sciences"; (4) Arabic study abroad; (5) track electives; and (6) senior seminar.*

*Note: Students with a second major in Arabic language cannot double count the same upper-division Arabic courses for both the double major and for MESA elective credit.*

**Requirement 1 — Complete 2 Courses**

*Complete the following language prerequisite courses or equivalent.*

ARAB101 1st-Year Arabic - 1st-Year Arabic 4.0

ARAB102 1st-Year Arabic - 1st-Year Arabic 4.0

**Requirement 2 — Complete 5 Courses**

*Complete the following core curriculum:*

ARAB201 2nd-Year Arabic - 2nd-Year Arabic 4.0

ARAB202 Intermediate Arabic - Intermediate Arabic 4.0

MESA201 Intro to Middle East Studies - Intro to Middle East Studies 3.0

MESA250 Intro to Religion of Islam - Intro to Religion of Islam 3.0

MESA300 Professional Development - Professional Development 1.0

**Requirement 3 — Complete 5 Courses**

*Complete the one-semester Study Abroad program in the Arab world, which includes the following Arabic language courses:*

ARAB211R 2nd-Year Conversation - 2nd-Year Conversation - *You may take once* 2.0

ARAB300 Adv Modern Standard Arabic - Adv Modern Standard Arabic 4.0

ARAB302 Newspaper Arabic - Newspaper Arabic 4.0

ARAB311R 3rd-Year Conversation - 3rd-Year Conversation - *You may take once* 1.0v

ARAB331 Spoken Arabic - Egyptian - Spoken Arabic - Egyptian 4.0

**Requirement 4 — Complete 1 Course**

*Complete a senior seminar in Middle Eastern Studies. (Note: This course should be taken after returning from the semester abroad. Choose a senior seminar section on a topic appropriate to your track specialization when available.)*

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

**Requirement 2 — Complete 1 of 2 Courses**

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 3 — Complete 1 of 2 Courses**

POLI170 Intro International Politics - Intro International Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Requirement 4 — Complete 2 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

POLI200 Political Inquiry - Political Inquiry 4.0

**Requirement 5 — Complete 1 of 2 Options**

**Option 5.1 — Complete 2 Courses**

*Note: Econ 388 can double count for an elective under specialization 12.2 and 12.7.*

ECON378 Statistics for Economists - Statistics for Economists 3.0

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

**Option 5.2 — Complete 1 Course**

POLI300 Statistical Analysis - Statistical Analysis 4.0

**Requirement 6 — Complete 2 Courses**

ECON380 Intermediate Micro Theory 1 - Intermediate Micro Theory 1 3.0

ECON381 Intermed Macroeconomics - Intermed Macroeconomics 3.0

**Requirement 7 — Complete 1 of 6 Courses**

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ECON458 International Trade Theory - International Trade Theory 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

**Requirement 8 — Complete 2 of 12 Courses**

HIST393 US Foreign Relations - US Foreign Relations 3.0

POLI341 European Politics - European Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

MESA495 Sr Sem in Middle East Studies - Sr Sem in Middle East Studies 3.0

**Requirement 5 — Complete 1 of 2 Options**

*Choose and complete one of the following disciplinary tracks:*

**Option 5.1 — Complete 4 Requirements**

*History and Humanities track:*

**Requirement 5.1.1 — Complete 4 Courses**

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take once* 2.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

**Requirement 5.1.2 — Complete 1 of 3 Courses**

CMLIT310 Intro Comp Lit - Intro Comp Lit 3.0

HIST200 Historian's Craft - Historian's Craft 3.0

IHUM311 Adv Wrtg in Comp Arts & Hum - Adv Wrtg in Comp Arts & Hum 3.0

**Requirement 5.1.3 — Complete 1 of 2 Courses**

ARAB361 Modern Arab Lit in Translation - Modern Arab Lit in Translation 3.0

ARAB362 Med Arab Lit Trans - Med Arab Lit Trans 3.0

**Requirement 5.1.4 — Complete 11 hours**

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR379 Archaeology of Islam - Archaeology of Islam 3.0

ARAB361 Modern Arab Lit in Translation - Modern Arab Lit in Translation 3.0

ARAB362 Med Arab Lit Trans - Med Arab Lit Trans 3.0

ARAB377 Arabic Lang Teaching Methods - Arabic Lang Teaching Methods 3.0

ARAB411R Adv Formal Arabic Conversation - Adv Formal Arabic Conversation - *You may take once* 1.0v

ARAB422R Advanced Spoken Arabic - Advanced Spoken Arabic - *You may take once* 2.0

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take 2 times* 2.0

ARAB425R Classical Arabic Texts - Classical Arabic Texts - *You may take 2 times* 2.0

ARAB427 Arab Women Authors - Arab Women Authors 2.0

ARAB495R Directed Studies in Arabic - Directed Studies in Arabic - *You may take once* 1.0v

GEOG271 Middle East - Middle East 3.0

HEB201 2nd-Year Modern Hebrew 1 - 2nd-Year Modern Hebrew 1 4.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

**Requirement 9 — Complete 1 of 6 Courses**

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

**Requirement 10 — Complete 1 of 5 Courses**

*Only MESA 495, Poli 350, or Poli 370 can fill the GE Advanced Written and Oral Communication requirement when coupled with Poli 200.*

ASIAN495 Senior Seminar - Senior Seminar 1.0

LT AM495 Senior Seminar - Senior Seminar 3.0

MESA495 Sr Sem in Middle East Studies - Sr Sem in Middle East Studies 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

**Requirement 11 — Complete 1 of 27 Courses**

*Achieve proficiency in a foreign language. Students must complete courses for one language to a specified level. Some prerequisite courses may be waived with equivalent language experience. The foreign language requirement is waived for international students for whom English is their second language. Students can also receive credit for many less commonly taught languages (e.g., Tagalog, Thai). Please see the Center for Language Studies website (https://cls.byu.edu/) for information on which languages are offered and when or visit the Kennedy Center Advisement Office.*

ARAB302 Newspaper Arabic - Newspaper Arabic 4.0

BULGN330 Cultural History of Bulgaria - Cultural History of Bulgaria 3.0

CHIN302 Advanced Mandarin - Advanced Mandarin 4.0

CZECH330 Cultural History of Czech - Cultural History of Czech 3.0

DANSH340 Danish Literature - Danish Literature 3.0

DUTCH340 Intro to Dutch Literature - Intro to Dutch Literature 3.0

FINN340 Finnish Literature - Finnish Literature 3.0

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

GERM302 Germanv 20th Centurv - Germanv 20th Centurv 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST335 Crusades - Crusades 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST390R Special Topics - Special Topics - *You may take once* 0.5v

IAS354R Model Arab Lg Prep - Model Arab Lg Prep - *You may take once* 0.5v

IAS399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

IHUM350 Interpretation of Lit & Arts - Interpretation of Lit & Arts 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

MESA320 The Qur'an in English - The Qur'an in English 3.0

MESA350 Islam in Contemporary Society - Islam in Contemporary Society 3.0

MESA380 Middle Eastern Field Studies - Middle Eastern Field Studies 1.0

MESA399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

MESA 451 - Figure of Muhammad - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

MESA467R Topics in Middle East Studies - Topics in Middle East Studies - *You may take once* 0.5v

PERSI201 Second-Year Persian - Second-Year Persian 4.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

TURK201 Second-Year Turkish - Second-Year Turkish 4.0

Note 1: Arab 361 and 362 can only be taken for elective credit if they are not used to satisfy the core track credit requirement.

Note 2: Arab 424R and 425R can each be taken up to two times with different content, including in fulfilling the core track requirement.

Note 3: Students can receive no more than 3 total internship credit hours to satisfy this requirement.

Note 4: Relevant MESA 467R courses can be taken for credit with permission.

Note 5: Students with a second major in Arabic Language cannot double count the same upper-division Arabic courses for both the double major and for MESA elective credit.

**Option 5.2 — Complete 4 Requirements**

*Social Sciences track:*

**Requirement 5.2.1 — Complete 5 Courses**

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

GEOG271 Middle East - Middle East 3.0

02404-002 - Missing course - Cultural History of Germany 3.0

GERM344 Intro to German Linguistics - Intro to German Linguistics 3.0

HUNG330 Cultural History of Hungary - Cultural History of Hungary 3.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

KOREA302 Third-Year Korean 2 - Third-Year Korean 2 4.0

NORWE340 Norwegian Literature - Norwegian Literature 3.0

POLSH330 Cultural History of Poland - Cultural History of Poland 3.0

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

ROM340 Intro toRomanian Liter&Culture - Intro toRomanian Liter&Culture 3.0

RUSS321 3rd Yr Russian, Part 1 - 3rd Yr Russian, Part 1 3.0

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SWED340 Swedish Literature - Swedish Literature 3.0

UKRAI330 Cultural History of Ukraine - Cultural History of Ukraine 3.0

**Requirement 12 — Complete 1 of 8 Options**

*Specializations: Complete one of the following tracks. Courses above cannot be double counted for specialization unless otherwise noted. With the prior approval of the international relations coordinator, a maximum of 3 hours of IAS 399 or IAS 351R may be used toward meeting the four-course requirement of specialization. Only the second semester of IAS 351R would be allowed.*

**Option 12.1 — Complete 4 of 18 Courses**

*International Politics. Complete four courses from the following. At least one course must be from history and at least one course from political science.*

ANTHR432 Economic&Political Institutns - Economic&Political Institutns 3.0

COMMS381 International Media Systems - International Media Systems 3.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

GEOG341 Political Geography - Political Geography 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST391 The Vietnam War - The Vietnam War 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

POLI200 Political Inquiry - Political Inquiry 4.0

POLI357 Middle East Politics - Middle East Politics 3.0

**Requirement 5.2.2 — Complete 1 of 4 Courses**

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Requirement 5.2.3 — Complete 2 hours**

ARAB411R Adv Formal Arabic Conversation - Adv Formal Arabic Conversation - *You may take once* 1.0v

ARAB422R Advanced Spoken Arabic - Advanced Spoken Arabic - *You may take once* 2.0

ARAB423R Current Events in Arabic - Current Events in Arabic - *You may take once* 2.0

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take 2 times* 2.0

ARAB427 Arab Women Authors - Arab Women Authors 2.0

ARAB495R Directed Studies in Arabic - Directed Studies in Arabic - *You may take once* 1.0v

**Requirement 5.2.4 — Complete 7 hours**

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ECON230 Econ Development & Growth - Econ Development & Growth 3.0

GEOG341 Political Geography - Political Geography 3.0

HEB201 2nd-Year Modern Hebrew 1 - 2nd-Year Modern Hebrew 1 4.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

IAS354R Model Arab Lg Prep - Model Arab Lg Prep - *You may take once* 0.5v

IAS399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

MESA320 The Qur'an in English - The Qur'an in English 3.0

MESA350 Islam in Contemporary Society - Islam in Contemporary Society 3.0

MESA380 Middle Eastern Field Studies - Middle Eastern Field Studies 1.0

MESA399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

MESA467R Topics in Middle East Studies - Topics in Middle East Studies

HIST393 US Foreign Relations - US Foreign Relations 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

**Option 12.2 — Complete 4 of 11 Courses**

*Political Economy. Complete four courses from at least two disciplines. At least two courses must be from economics. NOTE: Econ 378/388 sequence will be allowed to double count to fulfill one course in this track. Poli 304 may substitute for Econ 478.*

ECON382 Intermediate Micro Theory 2 - Intermediate Micro Theory 2 3.0

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON458 International Trade Theory - International Trade Theory 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

**Option 12.3 — Complete 4 of 14 Courses**

*Asian Politics and History. Complete four courses from the following. At least one course must be from political science and one course from history.*

11635-000 - Missing course - Contemporary Japan 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

- *You may take once* 0.5v

PERSI201 Second-Year Persian - Second-Year Persian 4.0

POLI300 Statistical Analysis - Statistical Analysis 4.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 3.0 credit hours* 1.0v

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

TURK201 Second-Year Turkish - Second-Year Turkish 4.0

Note 1: Students can receive no more than 3 total internship credit hours to satisfy this requirement.

Note 2: Relevant MESA 467R and POLI 359R courses can be taken for credit with permission.

Note 3: POLI 328 is strongly recommended for those pursuing careers involving research or analysis.

Note 4: Only one course of either Turkish or Persian will count.

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

**Option 12.4 — Complete 4 of 8 Courses**

*Latin American Politics and History. Complete four courses from the following. At least one course must be from political science and one course from history.*

GEOG255 Middle & South America - Middle & South America 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

**Option 12.5 — Complete 4 of 10 Courses**

*Middle Eastern Politics and History. Complete four courses from at least two disciplines. At least one course must be from history. Note: Hist 242 and 243 do not substitute here.*

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

GEOG271 Middle East - Middle East 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

MESA350 Islam in Contemporary Society - Islam in Contemporary Society 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

**Option 12.6 — Complete 4 of 17 Courses**

*European Politics and History. Complete four courses from the following. At least one course must be from political science and one course from history.*

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST 310 - Euro Economic Hist - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST318 European Women's History - European Women's History 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

POLI341 European Politics - European Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI351 British Government & Politics - British Government & Politics 3.0

**Option 12.7 — Complete 2 Requirements**

*Economic and Political Development*

**Requirement 12.7.1 — Complete 1 Course**

*Note: Econ 431 cannot be double-counted for the 400-level economics course in the core in Requirement 7; Econ 388 is the preferred route to fill the statistics prerequisite for this course. Complete three courses from the following, of which one course must be from political science. NOTE: Econ 378/388 sequence will be allowed to double count to fulfill one course in this track.*

ECON431 Economic Development - Economic Development 3.0

**Requirement 12.7.2 — Complete 3 of 19 Courses**

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ECON458 International Trade Theory - International Trade Theory 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI352 African Politics - African Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

**Option 12.8 — Complete 4 of 8 Courses**

*African Politics and History.*

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

EDLF362 Intro International Dev Ed - Intro International Dev Ed 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST336 S Africa Liberation - S Africa Liberation 3.0

HIST339 African Social Change - African Social Change 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

POLI352 African Politics - African Politics 3.0

## 570144 - Middle East Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Middle East Studies | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 24 |

**Free Form Requirements**

**Requirement 1 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 8 hours of introductory (101/102 level) Arabic, modern Hebrew, Persian, or Turkish (or equivalent).

**Requirement 2 — Complete 1 of 4 Courses**

*Complete the following language requirement:*

ARAB201 2nd-Year Arabic - 2nd-Year Arabic 4.0

HEB201 2nd-Year Modern Hebrew 1 - 2nd-Year Modern Hebrew 1 4.0

PERSI201 Second-Year Persian - Second-Year Persian 4.0

TURK201 Second-Year Turkish - Second-Year Turkish 4.0

**Requirement 3 — Complete 1 Course**

MESA201 Intro to Middle East Studies - Intro to Middle East Studies 3.0

**Requirement 4 — Complete 9 hours**

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

## 570145 - Asian Studies: China Studies (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Asian Studies: China Studies | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 57 | 60 |

**Major Academic Plan**

MAP - BA in Asian Studies China 2023-2024.pdf

| | Learning Outcome |
|---|---|
| **Title** | |
| Factual Knowledge | Demonstrate general factual knowledge of the literature humanities history politics economics geography and social conditions of East Asia. The courses that are the foundation for this knowledge are the core courses in the major: Asian 200 Intro to Asin Studies: Methods and Materials; Asin 342 Asian Literary Traditions; History 231 Introduction to East Asian History; either IHum 241 Humanities of Asia or IHum 243 Introduction to the Humanities of South Asia; and either Poli 348 |

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

GEOG271 Middle East - Middle East 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

MESA250 Intro to Religion of Islam - Intro to Religion of Islam 3.0

MESA350 Islam in Contemporary Society - Islam in Contemporary Society 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

| | |
|---|---|
| **Title**<br>Language Proficiency | **Learning Outcome**<br>Graduates will be able to communicate in Chinese (Mandarine) at the "intermediate" level according to ACTFL proficiency guidelines-i.e. "handle successfully a variety of uncomplicated communicative tasks in straightforward social situations . . . limited to those predictable and concrete exchanges necessary for survival." Comprehend "simple sentence-length speech . . . in a variety of basic personal and social contexts." Read "short non-complex texts that convey basic information and deal with basic personal and social topics." |

| | |
|---|---|
| **Title**<br>Effective Writing | **Learning Outcome**<br>Demonstrate effective writing skills by completing a research paper under the mentorship of an Asian Studies faculty member on a major East Asian topicas required in Asian 495 the Senior Seminar. |

| | |
|---|---|
| **Title**<br>Research Philosophies and Methodologies | **Learning Outcome**<br>Understanding basic research philosophies and methodologies associated with research in the social science and humanitiesas required in Asian 495 the Senior Seminar. This builds on skills taught in Asian 200 Introduction to Asian Studies. |

**Free Form Requirements**

*Courses cannot be double counted between the different requirement sections in the major.*

**Requirement 1 — Complete 3 Courses**

ASIAN200 Intr Asian Studies - Intr Asian Studies 3.0

ASIAN342 Asian Lit Trads - Asian Lit Trads 3.0

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

**Requirement 2 — Complete 1 of 2 Courses**

IHUM241 Humanities of East Asia - Humanities of East Asia 3.0

IHUM243 Humanities of South Asia - Humanities of South Asia 3.0

**Requirement 3 — Complete 1 of 2 Courses**

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

**Requirement 4 — Complete 2 Courses**

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

**Requirement 5 — Complete 1 Course**

ASIAN495 Senior Seminar - Senior Seminar 1.0

**Requirement 6 — Complete 2 Requirements**

*Upon completion of Requirement 6, students may be eligible to earn a language certificate in Chinese by taking the OPI and WPT assessments. For full details and to register for the language certificate see: https://cls.byu.edu/programs/certificate/*

**Requirement 6.1 — Complete 2 Courses**

CHIN302 Advanced Mandarin - Advanced Mandarin 4.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

**Requirement 6.2 — Complete 1 of 2 Courses**

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

**Requirement 7 — Complete 15 hours**

**Requirement 7.1 — Complete up to 6 hours**

00304-002 - Missing course - Peoples of India 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR343 Chinese Culture & Society - Chinese Culture & Society 3.0

**Requirement 7.2 — Complete up to 6 hours**

ARTHC203 Asian Art Survey - Asian Art Survey 3.0

ARTHC375 Japanese Art & Architecture - Japanese Art & Architecture 3.0

**Requirement 7.3 — Complete up to 6 hours**

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

CHIN346 Chinese Philosophy - Chinese Philosophy 3.0

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

**Requirement 7.4 — Complete up to 6 hours**

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

**Requirement 7.5 — Complete up to 6 hours**

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

**Requirement 7.6 — Complete up to 6 hours**

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

JAPAN322 Advanced Japanese: Modern Lit - Advanced Japanese: Modern Lit 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

JAPAN441 Intro to Classical Japanese - Intro to Classical Japanese 3.0

JAPAN444 Toward Superior Japanese: Lit - Toward Superior Japanese: Lit 3.0

**Requirement 7.7 — Complete up to 6 hours**

KOREA315 Sino-Korean Character Workshop - Sino-Korean Character Workshop 3.0

KOREA321 Select Rdngs of Modern Korean - Select Rdngs of Modern Korean 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA345 Korean Culture - Korean Culture 3.0

KOREA346 North Korean Culture - North Korean Lang. & Culture 2.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

**Requirement 7.8 — Complete up to 4 hours**

MUSIC203 World Music Cultures - World Music Cultures 3.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take once* 1.0

**Requirement 7.9 — Complete up to 6 hours**

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

**Requirement 7.10 — Complete up to 5 hours**

REL C358 Survey of Eastern Religions - Survey of Eastern Religions 2.0

SOC345 World Populations - World Populations 3.0

Note: If approved beforehand, up to 9 credit hours of international coursework may be completed through study abroad, internships, mentored research, or independent field studies.

## 570146 - Asian Studies: Japan Studies (BA)

### Program Information

**Program Title**
Asian Studies: Japan Studies

**Degree**
BA

**Variable Credit Min**
55

**Variable Credit Max**
58

**Major Academic Plan**
MAPS - BA in Asian Studies Japan 2023-2024.pdf

| Title | Learning Outcome |
| --- | --- |
| Factual Knowledge | Students demonstrate general factual knowledge of the literature humanities history politics economics geography and social conditions of East Asia. The courses that are the foundation for this knowledge are the core courses in the major: Asian 200 Intro to Asin Studies: Methods and Materials; Asin 342 Asian Literary Traditions; History 231 Introduction to East Asian History; either IHum 241 Humanities of Asia or IHum 243 Introduction to the Humanities of South Asia; and either Poli 348 |
| Language Proficiency | A graduate can communicate in Japanese at the "intermediate" level according to ACTFL proficiency guidelines-i.e. "handle successfully a variety of uncomplicated communicative tasks in straightforward social situations . . . limited to those predictable and concrete exchanges necessary for survival." Comprehend "simple sentence-length speech . . . in a variety of basic personal and social contexts." Read "short non-complex texts that convey basic information and deal with basic personal and social topics." |
| | Students demonstrate effective writing skills by completing a research paper under the |

## 570147 - Asian Studies: Korea Studies (BA)

### Program Information

**Program Title**
Asian Studies: Korea Studies

**Degree**
BA

**Variable Credit Min**
57

**Variable Credit Max**
60

**Major Academic Plan**
MAP - BA in Asian Studies Korea 2023-2024.pdf

| Title | Learning Outcome |
| --- | --- |
| Factual Knowledge | Students demonstrate general factual knowledge of the literature humanities history politics economics geography and social conditions of East Asia. The courses that are the foundation for this knowledge are the core courses in the major: Asian 200 Intro to Asin Studies: Methods and Materials; Asin 342 Asian Literary Traditions; History 231 Introduction to East Asian History; either IHum 241 Humanities of Asia or IHum 243 Introduction to the Humanities of South Asia; and either Poli 348 |
| Language Proficiency | A graduate can communicate in Korean at the "intermediate" level according to ACTFL proficiency guidelines-i.e. "handle successfully a variety of uncomplicated communicative tasks in straightforward social situations . . . limited to those predictable and concrete exchanges necessary for survival." Comprehend "simple sentence-length speech . . . in a variety of basic personal and social contexts." Read "short non-complex texts that convey basic information and deal with basic personal and social topics." |
| | Students demonstrate effective writing skills by completing a research paper under the |

| | |
|---|---|
| Title<br>Effective Writing | mentorship of an Asian Studies faculty member on a major East Asian topicas required in Asian 495 the Senior Seminar. |

| | |
|---|---|
| Title<br>Research Philosophies and Methodologies | Learning Outcome<br>Understanding basic research philosophies and methodologies associated with research in the social science and humanitiesas required in Asian 495 the Senior Seminar. This builds on the skills taught in Asian 200 Introduction to Asian Studies. |

**Free Form Requirements**

*Courses cannot be double counted between the different requirement sections in the major.*

**Requirement 1 — Complete 3 Courses**

ASIAN200 Intr Asian Studies - Intr Asian Studies 3.0

ASIAN342 Asian Lit Trads - Asian Lit Trads 3.0

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

**Requirement 2 — Complete 1 of 2 Courses**

IHUM241 Humanities of East Asia - Humanities of East Asia 3.0

IHUM243 Humanities of South Asia - Humanities of South Asia 3.0

**Requirement 3 — Complete 1 of 2 Courses**

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

**Requirement 4 — Complete 2 Courses**

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

**Requirement 5 — Complete 1 Course**

ASIAN495 Senior Seminar - Senior Seminar 1.0

**Requirement 6 — Complete 2 Requirements**

*Upon completion of Requirement 6, students may be eligible to earn a language certificate in Japanese by taking the OPI and WPT assessments. For full details and to register for the language certificate see: https://cls.byu.edu/programs/certificate/*

**Requirement 6.1 — Complete 2 Courses**

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

**Requirement 6.2 — Complete 1 of 3 Courses**

JAPAN322 Advanced Japanese: Modern Lit - Advanced Japanese: Modern Lit 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern

| | |
|---|---|
| Title<br>Effective Writing | mentorship of an Asian Studies faculty member on a major East Asian topicas required in Asian 495 the Senior Seminar. |

| | |
|---|---|
| Title<br>Research Philosophies and Methodologies | Learning Outcome<br>Students understand basic research philosophies and methodologies associated with research in the social science and humanitiesas required in Asian 495 the Senior Seminar. This builds on skills taught in Asian 200 Introduction to Asian Studies. |

**Free Form Requirements**

*Courses cannot be double counted between the different requirement sections in the major.*

**Requirement 1 — Complete 3 Courses**

ASIAN200 Intr Asian Studies - Intr Asian Studies 3.0

ASIAN342 Asian Lit Trads - Asian Lit Trads 3.0

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

**Requirement 2 — Complete 1 of 2 Courses**

IHUM241 Humanities of East Asia - Humanities of East Asia 3.0

IHUM243 Humanities of South Asia - Humanities of South Asia 3.0

**Requirement 3 — Complete 1 of 2 Courses**

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

**Requirement 4 — Complete 2 Courses**

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

**Requirement 5 — Complete 1 Course**

ASIAN495 Senior Seminar - Senior Seminar 1.0

**Requirement 6 — Complete 2 Requirements**

*Upon completion of Requirement 6, students may be eligible to earn a language certificate in Korean by taking the OPI and WPT assessments. For full details and to register for the language certificate see: https://cls.byu.edu/programs/certificate/*

**Requirement 6.1 — Complete 2 Courses**

KOREA302 Third-Year Korean 2 - Third-Year Korean 2 4.0

KOREA345 Korean Culture - Korean Culture 3.0

**Requirement 6.2 — Complete 1 of 3 Courses**

KOREA321 Select Rdngs of Modern Korean - Select Rdngs of Modern Korean 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

Note: Only Japan 321 can be double counted as an elective.

**Requirement 7 — Complete 15 hours**

**Requirement 7.1 — Complete up to 6 hours**

00304-002 - Missing course - Peoples of India 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR343 Chinese Culture & Society - Chinese Culture & Society 3.0

**Requirement 7.2 — Complete up to 6 hours**

ARTHC203 Asian Art Survey - Asian Art Survey 3.0

ARTHC375 Japanese Art & Architecture - Japanese Art & Architecture 3.0

**Requirement 7.3 — Complete up to 6 hours**

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

CHIN346 Chinese Philosophy - Chinese Philosophy 3.0

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

**Requirement 7.4 — Complete up to 6 hours**

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

**Requirement 7.5 — Complete up to 6 hours**

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

**Requirement 7.6 — Complete up to 6 hours**

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

JAPAN322 Advanced Japanese: Modern Lit - Advanced Japanese: Modern Lit 3.0

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

**Requirement 7 — Complete 15 hours**

**Requirement 7.1 — Complete up to 6 hours**

00304-002 - Missing course - Peoples of India 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR343 Chinese Culture & Society - Chinese Culture & Society 3.0

11635-000 - Missing course - Contemporary Japan 3.0

**Requirement 7.2 — Complete up to 6 hours**

ARTHC203 Asian Art Survey - Asian Art Survey 3.0

ARTHC375 Japanese Art & Architecture - Japanese Art & Architecture 3.0

**Requirement 7.3 — Complete up to 6 hours**

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

CHIN346 Chinese Philosophy - Chinese Philosophy 3.0

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

**Requirement 7.4 — Complete up to 6 hours**

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

**Requirement 7.5 — Complete up to 6 hours**

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

**Requirement 7.6 — Complete up to 6 hours**

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

JAPAN322 Advanced Japanese: Modern Lit - Advanced Japanese: Modern Lit 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

JAPAN441 Intro to Classical Japanese - Intro to Classical Japanese 3.0

JAPAN444 Toward Superior Japanese: Lit - Toward Superior Japanese: Lit 3.0

**Requirement 7.7 — Complete up to 6 hours**

KOREA315 Sino-Korean Character Workshop - Sino-Korean Character Workshop 3.0

KOREA321 Select Rdngs of Modern Korean - Select Rdngs of Modern Korean 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA345 Korean Culture - Korean Culture 3.0

KOREA346 North Korean Culture - North Korean Lang. & Culture 2.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

**Requirement 7.8 — Complete up to 4 hours**

MUSIC203 World Music Cultures - World Music Cultures 3.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take once* 1.0

**Requirement 7.9 — Complete up to 6 hours**

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

**Requirement 7.10 — Complete up to 5 hours**

REL C358 Survey of Eastern Religions - Survey of Eastern Religions 2.0

SOC345 World Populations - World Populations 3.0

Note: If approved beforehand, up to 9 credit hours of international coursework may be completed through study abroad, internships, mentored research, or independent field studies.

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

JAPAN441 Intro to Classical Japanese - Intro to Classical Japanese 3.0

JAPAN444 Toward Superior Japanese: Lit - Toward Superior Japanese: Lit 3.0

**Requirement 7.7 — Complete up to 6 hours**

KOREA315 Sino-Korean Character Workshop - Sino-Korean Character Workshop 3.0

KOREA321 Select Rdngs of Modern Korean - Select Rdngs of Modern Korean 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA346 North Korean Culture - North Korean Lang. & Culture 2.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

**Requirement 7.8 — Complete up to 4 hours**

MUSIC203 World Music Cultures - World Music Cultures 3.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take once* 1.0

**Requirement 7.9 — Complete up to 6 hours**

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

**Requirement 7.10 — Complete up to 5 hours**

REL C358 Survey of Eastern Religions - Survey of Eastern Religions 2.0

SOC345 World Populations - World Populations 3.0

Note: If approved beforehand, up to 9 credit hours of international coursework may be completed through study abroad, internships, mentored research, or independent field studies.

## 570148 - Ancient Near Eastern Studies: Greek New Testament (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Ancient Near Eastern Studies: Greek New Testament | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 65 | 65 |
| **Major Academic Plan** | |

## 570149 - Ancient Near Eastern Studies: Hebrew Bible (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Ancient Near Eastern Studies: Hebrew Bible | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 67 | 67 |
| **Major Academic Plan** | |

MAP- BA in Ancient Near Eastern Studies Greek New Testament 2023-2024.pdf

| Title | Learning Outcome |
| --- | --- |
| Academics and Faith | Develop the ability to consider the relationship between academics and faith through models of academically sound but also faithful scholarship. Seek a spiritually informed lifelong pursuit of learning scholarship and service. |
| History and Culture of Ancient Near East | Learn and be able to interpret the significant events and developments in the history and cultures of the ancient Near East including the history and culture of ancient Israel and surrounding civilizations particularly during the Hellenistic Roman and early Christian eras. |
| Ancient Text Interpretation | Be able to translate and interpret major ancient Near Eastern texts especially the Greek New Testament and analyze those texts within the contexts of Second Temple Judaism the Hellenistic World and the Roman Empire. Acquire proper hermeneutical skills and practice sound exegesis as well as learn how to do modern readings including readings from a Latter-day Saint perspective. |
| Language Proficiency | Acquire and demonstrate functional capacity in the languages and textual interpretation of the Greek New Testament being able to read translate comprehend analyze and interpret these significant religious and historical texts with methodological soundness. |
| Title | Learning Outcome<br>Develop the capacity for informed independent critical thinking be able to perform appropriate library and online scholarly research and use these skills in the professional study of the ancient Near East and early |

MAPS - Ancient Near Eastern Studies Hebrew Bible 2023-2024.pdf

| Title | Learning Outcome |
| --- | --- |
| History and Culture of Ancient Near East | Learn and be able to interpret the significant events and developments in the history and cultures of the ancient Near East including the history and culture of ancient Israel and surrounding civilizations e.g. Egypt Greater Syria and Mesopotamia. |
| Ancient Text Interpretation | Be able to translate and interpret major ancient Near East texts including the Hebrew Bible and analyze their significance for understanding the cultures that produced them. They will also learn proper hermeneutical skills and practice sound exegesis as well as learn how to do modern readings including readings from a Latter-day Saint perspective. |
| Language Proficiency | Acquire and demonstrate functional capacity in Hebrew and textual interpretation of the Hebrew Bible being able to read comprehend analyze and interpret these significant religious and historical texts with methodological soundness. Students are also encouraged to gain exposure to other pertinent ancient languages (e.g. Aramaic Ugaritic Syriac Greek) and modern research languages (such as German French and Modern Hebrew). |
| Critical Thinking | Develop the capacity for informed independent critical thinking be able to perform appropriate library and online scholarly research and use these skills in the professional study of the ancient Near East. |
| | Be able to write cogent and substantial research papers on a university level that utilize theoretical and methodological approaches from the Social |

| | |
|---|---|
| Title<br>Critical Thinking | the ancient Near East and early Christianity. |

| | |
|---|---|
| Title<br>Analytical Writing | Learning Outcome<br>Be able to write cogent and substantial research papers on a university level that utilize theoretical and methodological approaches from the Social Sciences and Humanities that integrate historical and artifactual analysis with the translation analysis and interpretation of ancient Near Eastern texts and topics. |

| | |
|---|---|
| Title<br>Academic Integrity | Learning Outcome<br>Understand and comply with the ethical standards adhered to by professionals in the academic fields of textual analysis archaeology and historical research and encouraged to follow them. |

Free Form Requirements

**Requirement 1 —Complete 8 Courses**

ANES201 Introduction to ANES - Introduction to ANES 3.0

ANES310 Hist & Culture of Anc Israel - Hist & Culture of Anc Israel 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

REL A211 The New Testament - The New Testament 2.0

REL A212 The New Testament - The New Testament 2.0

REL A301 The Old Testament - The Old Testament 2.0

REL A302 The Old Testament - The Old Testament 2.0

**Requirement 2 —Complete 1 of 3 Courses**

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

**Requirement 3 —Complete 1 Course**

ANES495 Senior Seminar in ANES - Senior Seminar in ANES 3.0

**Requirement 4 —Complete 5 Courses**

GREEK101 First-Year Greek - First-Year Greek 4.0

GREEK102 First-Year Greek - First-Year Greek 4.0

GREEK201 Intermediate Greek - Intermediate Greek 4.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

GREEK311 New Testament in Greek:Gospels - New Testament in Greek:Gospels 3.0

| | |
|---|---|
| Title<br>Analytical Writing | approaches from the Social Sciences and Humanities that integrate historical and artifactual analysis with the translation analysis and interpretation of ancient Near Eastern texts and topics. |

| | |
|---|---|
| Title<br>Academic Integrity | Learning Outcome<br>Understand and comply with the ethical standards adhered to by professionals in the academic fields of textual analysis archaeology and historical research and encouraged to follow them. |

| | |
|---|---|
| Title<br>Academics and Faith | Learning Outcome<br>Develop the ability to consider the relationship between academics and faith through models of academically sound but also faithful scholarship. Seek a spiritually informed lifelong pursuit of learning scholarship and service. |

Free Form Requirements

**Requirement 1 — Complete 8 Courses**

ANES201 Introduction to ANES - Introduction to ANES 3.0

ANES310 Hist & Culture of Anc Israel - Hist & Culture of Anc Israel 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

REL A211 The New Testament - The New Testament 2.0

REL A212 The New Testament - The New Testament 2.0

REL A301 The Old Testament - The Old Testament 2.0

REL A302 The Old Testament - The Old Testament 2.0

**Requirement 2 —Complete 1 of 3 Courses**

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

**Requirement 3 —Complete 1 Course**

ANES495 Senior Seminar in ANES - Senior Seminar in ANES 3.0

**Requirement 4 —Complete 10 Courses**

ANES331 Rdngs in ANE Texts to 330 BC - Rdngs in ANE Texts to 330 BC 3.0

ANES363 Hebrew Bible Studies - Hebrew Bible Studies 3.0

ANES430R Adv Topics in ANES - Adv Topics in ANES - *You may take once* 3.0

**Requirement 5 —Complete 2 Courses**

GREEK411R Greek NT & Christian Texts - Greek NT & Christian Texts - *You may take once* 3.0

GREEK411R Greek NT & Christian Texts - Greek NT & Christian Texts - *You may take once* 3.0

**Requirement 6 —Complete 2 Courses**

ANES332 Rdngs in Classical NE Texts - Rdngs in Classical NE Texts 3.0

CL CV363 Judaism & Christianity in N E - Judaism & Christianity in N E 3.0

**Requirement 7 —Complete 1 Course**

HIST430R Topics: Ancient Greek History - Topics: Ancient Greek History - *You may take once* 3.0

**Requirement 8 —Complete 6 hours**

**Option 8.1 —Complete 6 hours**

ANES353R Archaeological Fieldwork in NE - Archaeological Fieldwork in NE - *You may take once* 1.0v

ANES392R Topics in ANES - Topics in ANES - *You may take once* 2.0v

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology3.0

CL CV304 Greek History - Greek History 3.0

CL CV307 Roman History - Roman History 3.0

CL CV310 Classical Archaeology - Classical Archaeology 3.0

CL CV340R Topics in Classical Lit & Civ - Topics in Classical Lit & Civ - *You may take once* 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

NE LG345 Texts & Ancient Temples - Texts & Ancient Temples 3.0

NE LG511R Studies in Anc Near East Lang - Studies in Anc Near East Lang - *You may take once* 0.5v

NES336R Ancient Near Eastern Studies - Ancient Near Eastern Studies - *You may take once* 1.5v

REL A304 Writings of Isaiah - Writings of Isaiah 2.0

REL A392R Special Studies in Religion - Special Studies in Religion - *You may take once* 0.5v

Note 1: You may use one of Anthr 351, 375, or 378 if not taken in Requirement 2 above.

Note 2: Additional ANES, Greek, or Hebrew courses may be used here with the approval of the program coordinator.

Note 3: For Cl Cv 340R and Rel A 392R, the topic must be relevant to Ancient Near Eastern Studies. The Ancient Near Eastern Studies coordinator's approval is required.

HEB131 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

HEB132 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

HEB231 2nd Yr Hebrew - 2nd Yr Hebrew 4.0

HEB232 2nd-yr Biblical Heb Narrative - 2nd-yr Biblical Heb Narrative 4.0

HEB331 3rd-yr Biblical Hebrew 1 - 3rd-yr Biblical Hebrew 1 4.0

HEB332 3rd-yr Biblical Hebrew 2 - 3rd-yr Biblical Hebrew 2 4.0

HEB432R Ancient Hebrew Texts - Ancient Hebrew Texts - *You may take once* 2.0

**Requirement 5 —Complete 6 hours**

**Option 5.1 —Complete 6 hours**

ANES353R Archaeological Fieldwork in NE - Archaeological Fieldwork in NE - *You may take once* 1.0v

ANES392R Topics in ANES - Topics in ANES - *You may take once* 2.0v

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

CL CV310 Classical Archaeology - Classical Archaeology 3.0

CL CV340R Topics in Classical Lit & Civ - Topics in Classical Lit & Civ - *You may take once* 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

NE LG345 Texts & Ancient Temples - Texts & Ancient Temples 3.0

NE LG511R Studies in Anc Near East Lang - Studies in Anc Near East Lang - *You may take once* 0.5v

NES336R Ancient Near Eastern Studies - Ancient Near Eastern Studies - *You may take once* 1.5v

REL A304 Writings of Isaiah - Writings of Isaiah 2.0

REL A392R Special Studies in Religion - Special Studies in Religion - *You may take once* 0.5v

Note 1: You may use one of Anthr 351, 375, or 378 if not taken in Requirement 2.

Note 2: Additional ANES, Greek, or Hebrew courses may be used here with the approval of the program coordinator.

Note 3: For Cl Cv 340R and Rel A 392R, the topic must be relevant to Ancient Near Eastern Studies. The Ancient Near Eastern Studies coordinator's approval is required.

## 570150 - Global Environmental Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Global Environmental Studies | MIN |

| Title | Learning Outcome |
|---|---|
| Global Environmental Issues | Students will be able to articulate the cultural and scientific underpinnings of prevailing global environmental issues and evaluate policy proposals. |
| Critical Reasoning | Students will understand principles of cause and effect and be able to synthesize key findings from academic research on environmental issues from multiple disciplines. |
| Scientific Principles and Methods | Students will effectively use the scientific method to interpret data from experimental observations and communicate discoveries in written and verbal formats. |
| The Environment and Culture | Students will develop competencies to work sensitively across cultural contexts in order to find local cultural solutions to environmental challenges. |
| Environmental Stewardship and Civic Involvement | Students will foster and promote environmental stewardship within their own communities. |

**Free Form Requirements**

*Note: A maximum of 3 credit hours can double count toward any major. Some courses may also fulfill GE requirements. Some optional courses to complete the major may have prerequisites.*

**Requirement 1 —Complete 3 hours**

*Introduction*

GES200 Intro to Global Enviro Studies - Intro to Global Enviro Studies 3.0

**Requirement 2 —Complete 9 hours**

## 610122 - Nursing (BS) *

### Program Information

| Program Title | Degree |
|---|---|
| Nursing | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 90.5 | 91.5 |

| Title | Learning Outcome |
|---|---|
| Liberal Education | Acquire liberal education that provides the cornerstone for the practice and education of baccalaureate prepared nurses. |
| Professionalism | Exemplify and advocate for the nursing profession using the values of accountability; collaboration; compassion; diversity equity and belonging; innovation; inspiration integrity; learning; and service. |
| Baccalaureate Generalist Nursing Practice | Provide nursing care to patients including individuals families communities and populations across the lifespan and across the continuum of healthcare environments. The baccalaureate graduate understands and addresses social determinants of health health equity and the increasing complexity of healthcare to advocate and optimize care for all patients. |
| Interprofessional Communication and Collaboration: | Communicate and collaborate among interdisciplinary healthcare professionals and community partners to foster team respect and trust and deliver high quality patient-centered and population-based care. |
| Information Management and Technology | Demonstrate clinical judgment knowledge and skills in data management and patient care technology to guide quality patient-centered care. |

*Disciplinary Foundations*

**Requirement 2.1 —Complete up to 6 hours**

*SCIENCE COURSES*

BIO235 Field Botany - Field Botany 3.0

BIO350 Ecology - Ecology 3.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

GEOG101 Global Environment - Global Environment 3.0

GEOG303 Biogeography - Biogeography 3.0

GEOG307 Spatial Analysis of Envr Data - Landscape Ecology 3.0

GEOL108 Climate & the Earth System - Climate & the Earth System 3.0

GEOL101 Introduction to Geology - Introduction to Geology 3.0

HLTH322 Environmental Health - Environmental Health 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PWS150 Environmental Biology - Environmental Biology 3.0

PWS180 Global Climate Change - Global Climate Change 3.0

PWS220 Trees - Trees 3.0

PWS282 Soil Science - Soil Science 3.0

PWS320 Sustainable Plant Systems - Sustainable Plant Systems 3.0

PWS350 Rangeland Ecology - Rangeland Ecology 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

**Requirement 2.2 —Complete up to 6 hours**

*THE HUMAN DIMENSION COURSES*

BIO370 Bioethics - Bioethics 2.0

ENGL306 Travel Writing - Travel Writing 3.0

ENGL367R American Regional Literature - American Regional Literature - *You may take once* 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

HIST290 Nature & History - Nature & History 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

IHUM280R Sophomore Seminar - Sophomore Seminar in Interdisciplinary Humanities - *You may take once* 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

PWS375 Aquatic Policies & Laws - Aquatic Policies & Laws 3.0

**Requirement 3 —Complete 3 hours**

*Elective Course. A course taken on this list cannot be used to meet requirement 2. As the topics of these courses are variable, students should approve the section topic of these courses with the program director before enrollment.*

BIO430 Plant Classif. & Identif. - Plant Classif. & Identif. 4.0

| | |
|---|---|
| **Title**<br>Quality of Nursing Care Delivery | **Learning Outcome**<br>Patient Safety and the Health Care System: Exhibit clinical judgment knowledge and skills in leadership quality improvement and patient safety necessary to provide high-quality patient-centered and population-based health care. |
| **Title**<br>Clinical Prevention and Population Health | **Learning Outcome**<br>Advocate for social justice health promotion and disease prevention across the lifespan for diverse individuals families communities and populations to improve population health at all levels of healthcare. |
| **Title**<br>Scholarship for Evidence-Based Practice: | **Learning Outcome**<br>Provide patient-centered and population-based care grounded in the translation of current evidence into nursing practice and reflective of sound clinical judgment linking theory practice and research. |
| **Title**<br>Health care Policy | **Learning Outcome**<br>Finance and Regulatory Environments Evaluate how healthcare policies including financial and regulatory directly and indirectly influence the nature and functioning of the healthcare system and thereby are important considerations in social determinants of health and professional nursing practice. |
| **Title**<br>Integration of Gospel Values | **Learning Outcome**<br>Integrate the principles of the Gospel of Jesus Christ as part of clinical judgment; caring holistically for diverse individuals families communities and populations; personal health and well-being; and life-long learning. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

BIO441 Entomology - Entomology 3.0

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

BIO452 Marine Biology - Marine Biology 4.0

BIO455 Plant Ecology - Plant Ecology 3.0

CCE102 Sustainable Infrastructure - Sustainable Infrastructure 2.0

CE451 Environmental Engineering Proc - Environmental Engineering Proc 3.0

CH EN311 Ch En - Health, Safety, Envir - Ch En - Health, Safety, Envir 3.0

CH EN433 Energy Engineering - Energy Engineering 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG304 Geog of Climates - Geog of Climates 3.0

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

10804-000 - Missing course - Planning for Unique Lands 2.0

GEOL411 Geomorphology - Geomorphology 3.0

GEOL550 Environmental Soil Chemistry - Environmental Soil Chemistry 3.0

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take once* 3.0

ME EN321 Thermodynamics - Thermodynamics 3.0

PHIL413R Environmental Ethics - Environmental Ethics - *You may take once* 3.0

PWS405 Environmental Chemistry Lab - Environmental Chemistry Lab 2.0

PWS419 Forest Management & Ecology - Forest Management & Ecology 3.0

PWS480 Environmental Capstone - Environmental Capstone 3.0

**Requirement 4 —Complete 3 hours**

*Capstone. Prior to taking this course, students are recommended to take at least one 300-level course or higher among the options in requirement 2 or 3.*

GES490 Global Enviro Studies Capstone - Global Enviro Studies Capstone 3.0

*regarding licensure and certification requirements.*

*A "C" grade or higher must be maintained in all required courses.*

**Requirement 1 —Complete 3 Requirements**

*Prerequisite courses:*

**Requirement 1.1 —Complete 2 Courses**

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

Note: Chem 101 or an acceptable score on the Chemistry Placement Exam is recommended prior to taking Chem 285 if the student has not completed previous chemistry course work.

**Requirement 1.2 —Complete 1 of 2 Courses**

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

**Requirement 1.3 —Complete 1 of 2 Courses**

PSYCH220 Human Dev: Life Span - Human Dev: Life Span 3.0

SFL210 Human Development - Human Development 3.0

**Requirement 2 —Complete 1 Requirement**

*Supporting courses:*

**Requirement 2.1 —Complete 6 Courses**

CELL305 Human Physiology - Human Physiology 4.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

Note: Math 110 (or equivalent) may need to be taken prior to Stat 121.

**Requirement 3 —Complete 28 Courses**

NURS288 Nursing Skills I - Nursing Skills I 1.0

NURS290 Think Like a Nurse - Think Like a Nurse 1.5

NURS292 Cl Prac Nurs Fundamentals - Cl Prac Nurs Fundamentals 1.5

NURS294 Hlth Assessment & Promotion - Hlth Assessment & Promotion 2.0

NURS295 Fund Nurs - Fund Nurs 2.0

NURS296 Population Health Nursing - Introduction to Population Health Nursing 2.0

NURS298 Nursing Skills II - Nursing Skills II 1.0

NURS300 Applied Pharm in Nursing - Pharmacology in Nursing 3.0

NURS301 Applied Patho in Nursing - Applied Patho in Nursing 3.0

NURS320 EBP & Informatics - EBP & Informatics 3.0

NURS341 Acute & Chronic Illness - Acute & Chronic Illness 3.0

NURS342 Cl Prac Acute/Chronic Illness - Cl Prac Acute/Chronic Illness 2.5

NURS348 Nursing Skills III - Nursing Skills III 1.0

NURS351 Nurs Care of Women & Newborns - Nurs Care of Women 2.0

NURS352 Cl Prac Women & Newborns - Cl Prac Women across Lifespan 2.0

NURS361 Nurs Care of Children - Nurs Care of Children & Fam 2.0

NURS362 Cl Prac Children - Cl Prac Children 1.0

NURS378 Nursing Skills IV - Nursing Skills IV 1.0

NURS403 Global and Population Hlth Nsg - Global and Population Hlth Nsg 3.0

NURS404 Cl Prac Glob & Pop Hlth Nurs - Cl Prac Glob & Pop Hlth Nurs 4.0v

NURS 449 - Ethics in Nursing - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

NURS461 Psych/Mental Hlth Nursing - Psych/Mental Hlth Nursing 2.5

NURS462 Cl Prac Psych/Mental Hlth Nurs - Cl Prac Psych/Mental Hlth Nurs 2.0

NURS471 Nurs Care of Adults in Crisis - Nurs Care of Adults in Crisis 3.0

NURS472 Cl Prac Adults in Crisis - Cl Prac Adults in Crisis 2.5

NURS478 Nursing Skills V - Nursing Skills V 0.5

NURS491 Nursing Capstone - Nursing Capstone 2.0

NURS492 Cl Prac Capstone Nurs - Cl Prac Capstone Nurs 5.0

**Requirement 4 —Complete 4 hours**

*Complete a minimum of 4 credit hours*

NURS404 Cl Prac Glob & Pop Hlth Nurs - Cl Prac Publ & Glob Hlth Nurs 3.5v

## 662531 - School Health Education (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| School Health Education | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 25 | 25 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education*

## 662542 - Public Health: Environmental/Occupational Health (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Public Health: Environmental/Occupational Health | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 60 | 60 |

**Major Academic Plan**

MAP - BS in Public Health 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Environmental/Occupational Hazards Assessment | Assess the various biological chemical and physical hazards of the ambient indoor and work environment that can adversely affect human health. |

*Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 7 Courses**

HLTH 310 - Chrnc Disease:Prevntn & Cntrl - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HLTH381 Methods & Curriculum A - Methods & Curriculum A 3.0

HLTH382 Methods & Curriculum B - Methods & Curriculum B 3.0

HLTH383 Mind/Body Health - Mind/Body Health 3.0

HLTH436 Sexuality Educ in Curriculum - Sexuality Educ in Curriculum 3.0

HLTH460 Substance Use Disorders - Substance Use Disorders 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

**Requirement 2 — Complete 1 Course**

HLTH477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

*Be certified in CPR. Students desiring to take a traditional first aid course including CPR training may enroll in Hlth 320.*

| Title | Learning Outcome |
|---|---|
| Environmental/Occupational Health Interventions | Anticipate recognize evaluate and control environmental and occupational hazards. |

| Title | Learning Outcome |
|---|---|
| Environmental/Occupational Moral Code and Ethics | Apply moral and ethical principles as they apply to the science of Environmental/Occupational theory and practice. |

**Free Form Requirements**

**Requirement 1 —Complete 11 Courses**

HLTH210 Foundations of Public Health - Foundations of Public Health 3.0

HLTH312 Intro to Plan, Interv, Eval - Intro to Plan, Interv, Eval 3.0

HLTH313 Intro to Data Coll & Analysis - Intro to Data Coll & Analysis 3.0

HLTH314 Hlth, Disease & Determinants 1 - Hlth, Disease & Determinants 1 3.0

HLTH315 Hlth, Disease & Determinants 2 - Hlth, Disease & Determinants 2 3.0

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

HLTH322 Environmental Health - Environmental Health 3.0

HLTH324 Occupational Health & Safety - Occupational Health & Safety 3.0

HLTH426 Environmental Toxicology - Environmental Toxicology 3.0

HLTH428 Occupational Exposure Lab - Occupational Exposure Lab 3.0

HLTH429 Environmental Exposure Lab - Environmental Exposure Lab 3.0

**Requirement 2 —Complete 6 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 3 —Complete 3 hours**

*Note: Prior to taking Hlth 496R, complete Hlth 210, 312, 313, 314, 315, 322, 324, 428. 42 contact hours are required for each credit hour.*

HLTH496R Academic Internship: Hlth Sci - Academic Internship: Hlth Sci - *You may take up to 3.0 credit hours* 0.5v

**Requirement 4 —Complete 9 hours**

CELL305 Human Physiology - Human Physiology 4.0

CELL365 Pathophysiology - Pathophysiology 4.0

CHEM 223 - Quant & Qual Analy 4.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM481 Biochemistry - Biochemistry 3.0

GEOG101 Global Environment - Global Environment 3.0

GEOG303 Biogeography - Biogeography 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

HLTH199R Global Health Experiences - Global Health Experiences - *You may take up to 3 credit hours* 0.5v

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH420 Injury & Violence Prevention - Injury & Violence Prevention 3.0

HLTH422 Disaster Response & Emer Prep - Disaster Response & Emer Prep 3.0

HLTH456 Families and Public Health - Families and Public Health 3.0

HLTH481 Applied International Health - Applied International Health - *You may take up to 3.0 credit hours* 1.0v

HLTH482 Medical Geography - Medical Geography 3.0

HLTH491R Mentored Research - Mentored Research - *You may take up to 3.0 credit hours* 0.5v

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

MMBIO418 Medical Parasitology - Medical Parasitology 2.0

MMBIO465 Virology - Virology 3.0

NDFS361 Food Microbiology - Food Microbiology 3.0

PWS150 Environmental Biology - Environmental Biology 3.0

**Recommended Courses are not required to complete the program**

WRTG315 Writing in the Social Sciences - Writing in the Social Sciences 3.0

WRTG316 Technical Communication - Technical Communication 3.0

## 662543 - Public Health: Epidemiology (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Public Health: Epidemiology | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 60 | 61 |

**Major Academic Plan**

MAP - BS in Public Health 2023-2024.pdf

## 662544 - Public Health: Health Promotion (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Public Health: Health Promotion | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 60 | 61 |

**Major Academic Plan**

| Title | Learning Outcome |
| --- | --- |
| Data Analysis and Presentation | Analyze and interpret data and present results in words tables charts and graphs. |

| Title | Learning Outcome |
| --- | --- |
| Epidemiologic Study Design | Design epidemiologic studies and compare and contrast study methodology. |

| Title | Learning Outcome |
| --- | --- |
| Critical Assessment of Epidemiologic Literature | Critique studies for their validity and contribution to the discipline. |

**Free Form Requirements**

**Requirement 1 —Complete 13 Courses**

*Note: Prior to taking HLTH 493, the student must complete HLTH 210, 313, 314, 315, 345, 440, 447, 449.*

HLTH210 Foundations of Public Health - Foundations of Public Health 3.0

HLTH312 Intro to Plan, Interv, Eval - Intro to Plan, Interv, Eval 3.0

HLTH313 Intro to Data Coll & Analysis - Intro to Data Coll & Analysis 3.0

HLTH314 Hlth, Disease & Determinants 1 - Hlth, Disease & Determinants 1 3.0

HLTH315 Hlth, Disease & Determinants 2 - Hlth, Disease & Determinants 2 3.0

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

HLTH447 Introduction to Biostatistics - Introduction to Biostatistics 3.0

HLTH449 Epi Study Design and Analysis - Epi Study Design and Analysis 3.0

HLTH493 Epidemiology Capstone - Epidemiology Capstone 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 2 —Complete 1 of 2 Courses**

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

**Requirement 3 —Complete 6 hours**

HLTH322 Environmental Health - Environmental Health 3.0

HLTH324 Occupational Health & Safety - Occupational Health & Safety 3.0

HLTH420 Injury & Violence Prevention - Injury & Violence Prevention 3.0

MAP - BS in Public Health 2023-2024.pdf

| Title | Learning Outcome |
| --- | --- |
| Assess Needs | Conduct an assessment of community needs assets and health problems. |

| Title | Learning Outcome |
| --- | --- |
| Plan Programs | Design goals objectives and interventions based on assessment data. |

| Title | Learning Outcome |
| --- | --- |
| Implement Interventions | Implement effective interventions including mass media electronic technology and public health policy. |

| Title | Learning Outcome |
| --- | --- |
| Research and Evaluation | Design an evaluation of health promotion interventions. |

**Free Form Requirements**

**Requirement 1 — Complete 13 Courses**

HLTH210 Foundations of Public Health - Foundations of Public Health 3.0

HLTH312 Intro to Plan, Interv, Eval - Intro to Plan, Interv, Eval 3.0

HLTH313 Intro to Data Coll & Analysis - Intro to Data Coll & Analysis 3.0

HLTH314 Hlth, Disease & Determinants 1 - Hlth, Disease & Determinants 1 3.0

HLTH315 Hlth, Disease & Determinants 2 - Hlth, Disease & Determinants 2 3.0

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

HLTH330 Health Promotion - Health Promotion 3.0

HLTH335 Health Behavior Change - Health Behavior Change 3.0

HLTH431 Hlth Comm and Advocacy - Hlth Comm and Advocacy 3.0

HLTH434 Adv Evaluation Methods - Adv Evaluation Methods 3.0

HLTH494 Program Planning Capstone - Program Planning Capstone 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 2 —Complete 1 of 2 Courses**

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

**Requirement 3 —Complete 6 hours**

*Note 1: Prior to taking HLTH 496R, the student must complete Hlth 210, 312, 313, 314, 315, 316, 330, 431, 434, and 494. Note 2: A minimum of 3*

HLTH450 Women's Health - Women's Health 3.0

HLTH456 Families and Public Health - Families and Public Health 3.0

HLTH460 Substance Use Disorders - Substance Use Disorders 3.0

HLTH466 Hlth & the Aging Process - Hlth & the Aging Process 3.0

HLTH480 International Health - International Health 3.0

HLTH481 Applied International Health - Applied International Health - *You may take up to 3.0 credit hours* 1.0v

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS380 International Nutrition - International Nutrition 3.0

**Requirement 4 —Complete 12 hours**

HLTH199R Global Health Experiences - Global health Experirences - *You may take up to 3.0 credit hours* 0.5v

HLTH434 Adv Evaluation Methods - Adv Evaluation Methods 3.0

HLTH482 Medical Geography - Medical Geography 3.0

HLTH491R Mentored Research - Mentored Research - *You may take up to 3.0 credit hours* 0.5v

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

HLTH494 Program Planning Capstone - Program Planning Capstone 3.0

HLTH496R Academic Intern: EPI - Academic Intern: EPI - *You may take 3 times* 0.5v

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH116 Essentials of Calculus - Essentials of Calculus 1.0

SOC300 Methods of Research in Soc - Methods of Research in Soc 3.0

STAT124 SAS Base Programming Skills - SAS Base Programming Skills 1.5

STAT230 Statistical Modeling 1 - Analysis of Variance 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

**Recommended Courses are not required to complete the program**

WRTG315 Writing in the Social Sciences - Writing in the Social Sciences 3.0

WRTG316 Technical Communication - Technical Communication 3.0

*Math 112, 113 are recommended for students who want a firm foundation in calculus and/or plan to pursue graduate education.*

*credit hours at a time must be taken. 6 credits are required for the degree. 42 contact hours are required for each credit hour.*

HLTH496R Academic Internship: Hlth Prom - Academic Internship: Hlth Prom - *You may take 3 times* 0.5v

**Requirement 4 —Complete 12 hours**

CELL305 Human Physiology - Human Physiology 4.0

COMMS235 Intro Public Reltn - Intro Public Reltn 3.0

DIGHT230 Intro to Print Publishing - Intro to Print Publishing 3.0

HLTH199R Global Health Experiences - Global Health Experiences - *You may take up to 3.0 credit hours* 0.5v

HLTH322 Environmental Health - Environmental Health 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH383 Mind/Body Health - Mind/Body Health 3.0

HLTH403R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 0.5v

HLTH413 Refugee & Migrant Health - Refugee & Migrant Health 3.0

HLTH420 Injury & Violence Prevention - Injury & Violence Prevention 3.0

HLTH422 Disaster Response & Emer Prep - Disaster Response & Emer Prep 3.0

HLTH450 Women's Health - Women's Health 3.0

HLTH456 Families and Public Health - Families and Public Health 3.0

HLTH460 Substance Use Disorders - Substance Use Disorders 3.0

HLTH466 Hlth & the Aging Process - Hlth & the Aging Process 3.0

HLTH480 International Health - International Health 3.0

HLTH481 Applied International Health - Applied International Health - *You may take up to 3.0 credit hours* 1.0v

HLTH482 Medical Geography - Medical Geography 3.0

HLTH491R Mentored Research - Mentored Research - *You may take up to 3.0 credit hours* 0.5v

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

MKTG201 Marketing Management - Marketing Management 3.0

MSB 334 - Grant Writing - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 2.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

**Recommended Courses are not required to complete the program**

*Recommended GE classes:*

WRTG315 Writing in the Social Sciences - Writing in the Social Sciences 3.0

WRTG316 Technical Communication - Technical Communication 3.0

## 662545 - Public Health: Health Science (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Public Health: Health Science | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 57.5 | 62 |

**Major Academic Plan**

MAP - BS in Public Health 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Vulnerable and Marginalized Populations | Summarize the major health issues barriers and challenges affecting health equity health status and health practices in vulnerable and marginalized populations. |
| Social Determinants of Health | Create a conceptual framework on how to align and integrate public health and primary care to address the social determinants of health inequities in the access quality and delivery of care. |
| Cultural Competency | Explain the role of cultural competency and design of culturally-appropriate communication (e.g. motivational interviewing) care and policies in addressing health disparities in diverse populations and settings. |
| Upstream Approach to Health | Analyze an upstream team approach to health by critiquing points at which integration between public health and primary care can occur including opportunities for interdisciplinary collaboration across sectors to improve population health. |
| Title | Learning Outcome |
| | Use statistical methods and statistical software to manage and analyze health-related data arising from epidemiologic or clinical samples in order to make inferences regarding the health of populations in public health |

## 663423 - Physical Education Tchg/Coaching (K-12) (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Physical Education Tchg/Coaching (K-12) | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 63 | 66 |

**Major Academic Plan**

MAP - BS in Physiccal Ed Tch:Coaching (K-12) 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1. Skill and Fitness Based Competence | Physical education teacher candidates are physically educated individuals with the knowledge and skills necessary to demonstrate competent movement performance and health enhancing fitness as delineated in the NASPE K-12 Standards. |
| 2. Learner Development | The candidate understands cognitive linguistic social emotional and physical areas of student development. |
| 3. Learning Differences | The candidate understands individual learner differences and cultural and linguistic diversity. |
| 4. Learning Environments | The candidate works with learners to create environments that support individual and collaborative learning positive social interaction active engagement in learning and self-motivation. |
| 5. Content Knowledge | The candidate understands the central concepts tools of inquiry and structures of the discipline. |
| | The candidate uses multiple methods of assessment to engage learners in their own growth |

| Title | of populations in public health |
|---|---|
| Statistical Methods and Software | and/or primary care settings. |

Free Form Requirements

**Requirement 1 —Complete 9 Courses**

*Note 1: Prior to taking HLTH 495, the student must complete HLTH 210, 312, 313, 314, 315, and 316. This class may be taken concurrently with HLTH 425 and HLTH 447.*

HLTH210 Foundations of Public Health - Foundations of Public Health 3.0

HLTH312 Intro to Plan, Interv, Eval - Intro to Plan, Interv, Eval 3.0

HLTH313 Intro to Data Coll & Analysis - Intro to Data Coll & Analysis 3.0

HLTH314 Hlth, Disease & Determinants 1 - Hlth, Disease & Determinants 1 3.0

HLTH315 Hlth, Disease & Determinants 2 - Hlth, Disease & Determinants 2 3.0

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

HLTH425 Vulnerable & Diverse Poplns - Vulnerable & Diverse Poplns 3.0

HLTH447 Introduction to Biostatistics - Introduction to Biostatistics 3.0

HLTH495 Public Health & Primary Care - Public Health & Primary Care 3.0

**Requirement 2 —Complete 9 hours**

HLTH199R Global Health Experiences - Global Health Experiences - *You may take up to 3.0 credit hours* 0.5v

HLTH322 Environmental Health - Environmental Health 3.0

HLTH324 Occupational Health & Safety - Occupational Health & Safety 3.0

HLTH335 Health Behavior Change - Health Behavior Change 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH383 Mind/Body Health - Mind/Body Health 3.0

HLTH403R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 0.5v

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

HLTH450 Women's Health - Women's Health 3.0

HLTH456 Families and Public Health - Families and Public Health 3.0

HLTH466 Hlth & the Aging Process - Hlth & the Aging Process 3.0

HLTH480 International Health - International Health 3.0

HLTH481 Applied International Health - Applied International Health - *You may take up to 3.0 credit hours* 1.0v

HLTH482 Medical Geography - Medical Geography 3.0

HLTH491R Mentored Research - Mentored Research - *You may take up to 3.0 credit hours* 0.5v

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

HLTH496R Academic Internship: Hlth Sci - Academic Internship: Hlth

| | |
|---|---|
| | learners in their own growth |
| Title<br>6. Assessment | monitor learner progress guide planning and instruction and determine whether the outcomes described in content standards have been met. |

| | |
|---|---|
| Title<br>7. Instructional Planning | Learning Outcome<br>The candidate plans instruction to support students in meeting rigorous learning goals by drawing upon knowledge of content areas Utah Core Standards instructional best practices and the community context. |

| | |
|---|---|
| Title<br>8. Instructional Strategies | Learning Outcome<br>The candidate uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections and build skills to apply and extend knowledge in meaningful ways. |

| | |
|---|---|
| Title<br>9. Reflection and Continuous Growth | Learning Outcome<br>The candidate is a reflective practitioner who uses evidence to continually evaluate and adapt practice to meet the needs of each learner. |

| | |
|---|---|
| Title<br>10. Leadership and Collaboration | Learning Outcome<br>The candidate is a leader who engages collaboratively with learners families colleagues and community members to build a shared vision and supportive professional culture focused on student growth and success. |

| | |
|---|---|
| Title<br>11. Professional and Ethical Behavior | Learning Outcome<br>The candidate demonstrates the highest standard of legal moral and ethical conduct as specified in Utah State Board Rule R277-515. |

Free Form Requirements

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

Sci - *You may take once* 0.5v

**Requirement 3 —Complete 24 hours**

**Option 3.1 —Complete at least 20 hours up to 24 hours**

CELL120 Science of Biology - Science of Biology 3.0

CELL305 Human Physiology - Human Physiology 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL365 Pathophysiology - Pathophysiology 4.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

PWS340 Genetics - Genetics 3.0

**Option 3.2 —Complete up to 4 hours**

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

**Recommended Courses are not required to complete the program**

*MCAT Prep Course (if taking MCAT)*

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

PSYCH111 Psychological Science - Psychological Science 3.0

SOC111 Introductory Sociology - Introductory Sociology 3.0

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*Students who are interested in the program should meet with the Physical Education Teaching Education program director (249-D SFH) and Education Student Services (350 MCKB) in September of their sophomore year. Then they must complete an online application (found at http://educator.byu.edu). Applications for the Physical Education Teaching Education program are due February 15 for Fall semester.*

*A teaching minor is not required for licensure. However, it is strongly recommended (approximately 16-30 hours).*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 3 Courses**

*Required prerequisite courses:*

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

PETE227 Fitness for Life - Fitness for Life 1.0

SFL210 Human Development - Human Development 3.0

**Requirement 2 — Complete 11 Courses**

EXDM123 Intro Outdoor Rec Activities - Intro Outdoor Rec Activities 2.0

PETE230 K-12 Act Cont & Skls 1 - K-12 Act Cont & Skls 1 3.0

PETE231 K-12 Phys Act Cnt & Skls 2 - K-12 Phys Act Cnt & Skls 2 3.0

PETE300 Advocacy for Physical Educ - Advocacy for Physical Educ 2.0

PETE301 K-12 Hlthy & Active Life Mgmt - K-12 Hlthy & Active Life Mgmt 2.0

PETE330R Coaching Selected Sports - Coaching Selected Sports - *You may take once* 2.0

PETE364 Sci Bases of Sport: Motor L - Sci Bases of Sport: Motor L 2.0

PETE366 Ex Phys Physical Educators - Ex Phys Physical Educators 2.0

PETE399R Academic Internship: Coaching - Academic Internship: Coaching - *You may take once* 1.0v

PETE430 Principles of Coaching - Principles of Coaching 2.0

SWELL191 Weight Training - Weight Training, Beginning 0.5

**Requirement 3 — Complete 1 of 8 Courses**

SWELL107 Pilates - Pilates 0.5

SWELL108 Zumba - Zumba 0.5

SWELL109 Yoga - Yoga 0.5

SWELL110 Indoor Cycling - Indoor Cycling 0.5

SWELL141 Martial Arts - Martial Arts 0.5

SWELL155 Self-Defense - Self-Defense 0.5

SWELL171 Swimming, Beginning - Swimming, Beginning 0.5

SWELL172 Swimming, Intermediate - Swimming, Intermediate 0.5

**Requirement 4 — Complete 2 Requirements**

*Professional Education Component:*

**Requirement 4.1 — Complete 10 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 Ed Tec 2 - Integrating K-12 Ed Tec 2 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

PETE274 Fund Skills &Tchg Methods-ElEd - Fund Skills &Tchg Methods-ElEd 3.0

PETE276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

PETE377 Secondary Practicum - Secondary Practicum 3.0

PETE461 Adapted/Multicultural PE Tchrs - Adapted/Multicultural PE Tchrs 3.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

Note: FBI fingerprinting and background clearance must be completed prior to enrolling in PETE 276R.

**Requirement 4.2 — Complete 12 hours**

*Note: Prior application is required.*

PETE476R Student Teaching - Physical Ed - Student Teaching - Physical Ed - *You may take 2 times* 12.0

PETE496R Academic Internship--Phys Educ - Academic Internship--Phys Educ - *You may take once* 12.0

Note: PETE 399R must be completed before PETE 476R and PETE 496R.

*Note: It is the student's responsibility to be sure that the Praxis test has been passed and that BYU has received the test scores and that their fingerprint background clearance is current and that state licensing fees have been paid prior to graduation. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements, contact the Education Advisement Center, 350 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.*

*Complete the PRAXIS II exam.*

## 663433 - PE Teaching/Coaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|

## 663434 - Exercise & Wellness (BS)

### Program Information

| Program Title | Degree |
|---|---|

| | |
|---|---|
| PE Teaching/Coaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 27.5 | 27.5 |

**Free Form Requirements**

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 10 Courses**

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

PETE227 Fitness for Life - Fitness for Life 1.0

PETE230 K-12 Act Cont & Skls 1 - K-12 Act Cont & Skls 1 3.0

PETE276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

PETE300 Advocacy for Physical Educ - Advocacy for Physical Educ 2.0

PETE301 K-12 Hlthy & Active Life Mgmt - K-12 Hlthy & Active Life Mgmt 2.0

PETE330R Coaching Selected Sports - Coaching Selected Sports - *You may take once* 2.0

PETE364 Sci Bases of Sport: Motor L - Sci Bases of Sport: Motor L 2.0

PETE366 Ex Phys Physical Educators - Ex Phys Physical Educators 2.0

PETE430 Principles of Coaching - Principles of Coaching 2.0

**Requirement 2 — Complete 0.5 hours**

SWELL108 Zumba - Zumba 0.5

SWELL109 Yoga - Yoga 0.5

SWELL110 Indoor Cycling - Indoor Cycling 0.5

SWELL111 Basketball, Beginning - Basketball, Beginning 0.5

SWELL131 Golf, Beginning - Golf, Beginning 0.5

SWELL141 Martial Arts - Martial Arts 0.5

SWELL171 Swimming, Beginning - Swimming, Beginning 0.5

SWELL186 Volleyball, Beginning - Volleyball, Beginning 0.5

SWELL191 Weight Training - Weight Training, Beginning 0.5

**Requirement 3 — Complete 1 hour**

PETE399R Academic Internship: Coaching - Academic Internship: Coaching - *You may take up to 1.0 credit hours* 1.0v

**Requirement 4 — Complete 1 Course**

| | |
|---|---|
| Exercise & Wellness | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 60.5 | 60.5 |

**Major Academic Plan**

MAPS - BS in Exercise & Wellness 2023-2024.pdf

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Demonstrate adequate knowledge acquisition and understanding in areas relating to stress management chronic disease prevention anatomy exercise physiology appraising health and fitness worksite wellness program component design healthy diet and weight management. |
| Exercise and Wellness Knowledge | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Conduct fitness assessments write exercise prescriptions evaluate health behaviors/health outcomes and risk factors for disease and physical dysfunction. |
| Health Assessment Evaluation and Prescription | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Demonstrate an understanding of current concerns in the profession and gain exposure to the variety of job/work related opportunities available in the field. This would include graduate studies in Exercise and Wellness. |
| Career and Professional Preparation | |

**Free Form Requirements**

**Requirement 1 —Complete 6 Courses**

*Prerequisites to the exercise and wellness core:*

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CELL305 Human Physiology - Human Physiology 4.0

HLTH320 Adv First Aid & Safety - Adv First Aid & Safety 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

STDEV150 Public Speaking - Public Speaking 3.0

**Requirement 2 —Complete 5 Courses**

*Required core courses:*

EXSC387 Chronic Disease Prevention - Chronic Disease Prevention 3.0

EXSC410 Stress Management - Stress Management 3.0

EXSC463 Exercise Physiology - Exercise Physiology 3.0

EXSC464 Exercise Physiology Lab - Exercise Physiology Lab 0.5

PETE477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

EXSC480 Obesity & Weight Management - Obesity & Weight Management 3.0

**Requirement 3 —Complete 4 hours**

*Required core course:*

EXSC399R Exercise Sciences Internship - Exercise Sciences Internship - *You may take up to 4.0 credit hours* 0.5v

EXSC399R HWSG Internship - HWSG Internship - *You may take up to 2.0 credit hours* 1.0v

**Requirement 4 —Complete 24 hours**

*Electives:*

**Option 4.1 —Complete at least 18 hours up to 24 hours**

*Complete a minimum of 18 hours from the following:*

CELL365 Pathophysiology - Pathophysiology 4.0

EXSC221 Science of Wellness - Science of Wellness 3.0

EXSC320 Basic Athletic Training - Basic Athletic Training 3.0

EXSC321 Basic Athletic Training Lab - Basic Athletic Training Lab 0.5

EXSC362 Kinesiology & Biomechanics - Kinesiology & Biomechanics 3.0

EXSC385 Personal Training Strategies - Personal Training Strategies 3.0

EXSC440 Adv Musskl Hum Anat (incl lab) - Adv Musskl Hum Anat (incl lab) 4.0

EXSC455 Worksite Health Promotion - Worksite Health Promotion 3.0

04495-006 - Missing course - Problems in Exercise Prsrptn 2.0

EXSC468 Exercise Prescription - Exercise Prescription 3.0

HLTH335 Health Behavior Change - Health Behavior Change 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH460 Substance Use Disorders - Substance Use Disorders 3.0

HLTH466 Hlth & the Aging Process - Hlth & the Aging Process 3.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

PSYCH220 Human Dev: Life Span - Human Dev: Life Span 3.0

PSYCH356 Intro to Health Psychology - Intro to Health Psychology 3.0

STDEV317 Job Search Strategies - Career Strategies 2.0

**Option 4.2 —Complete up to 6 hours**

*Complete up to 6 hours from the following:*

ACC200 Principles of Accounting - Principles of Accounting 3.0

BIO130 Biology - Biology 4.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CHEM101 Introductory General Chemistry - Introductory General Chemistry 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry

4.0

ENT301 Business Model Validation - Business Model Validation 3.0

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

EXSC350 Res. Meth. & Evid. Based Prac. - Res. Meth. & Evid. Based Prac. 3.0

EXSC399R HWSG Internship - HWSG Internship - *You may take once* 1.0v

EXSC466 Intro to ECG - Intro to ECG 2.0

FIN201 Principles of Finance - Principles of Finance 3.0

HLTH383 Mind/Body Health - Mind/Body Health 3.0

HLTH403R Special Topics - Special Topics - *You may take once* 0.5v

HLTH450 Women's Health - Women's Health 3.0

HRM300 Organizational Behavior - Organizational Behavior 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

STDEV170 Intro to Health Professions - Intro to Health Professions 1.0

*Note: Only 2.0 credits of EXSC 399R: Hunstman World Senior Games Internship may be used as part of the EXSC 399R: Exercise Sciences Internship requirement.*

## 663435 - Exercise Science (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Exercise Science | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 60.5 | 60.5 |

**Major Academic Plan**

MAPS - BS in Exercise Science 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Exercise Science Fundamentals | Solve problems related to responses and adaptations to physical activity and exercise by applying an understanding of the principles of biology chemistry physics and nutrition and an advanced understanding of human anatomy and physiology. |

| Title | Learning Outcome |
|---|---|
| Laboratory Skills and Practices | Perform basic laboratory skills pertaining to assessments laboratory methods sound experimental and analytical practices data acquisition and reporting in the exercise sciences. |

## 663438 - General Studies: Exercise and Wellness (BGS)

### Program Information

| Program Title | Degree |
|---|---|
| General Studies: Exercise and Wellness (BGS) | BGS |
| **Variable Credit Min** | **Variable Credit Max** |
| 33 | 33 |

**Major Academic Plan**

MAPS - BGS in General Studies - Exercise & Wellness 2023-2024.pdf

**Free Form Requirements**

*Have 27 hours of campus residency.*

*Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.*

*Thirty of the 120 hours including 15 hours in the emphasis must be 300-level or above courses.*

*Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.*

*The program must be completed in eight years or less.*

*All emphasis courses taken after admission to BGS must be BYU courses.*

**Requirement 1 —Complete 1 Course**

*Complete the following prerequisite course (required of all applicants to the BGS program):*

| Title | Learning Outcome |
| --- | --- |
| Advocating Physical Health | Students will be able to propose strategies for improving quality of life and reducing the risk and prevalence of lifestyle related diseases. |

| Title | Learning Outcome |
| --- | --- |
| Career and Professional Preparation | Demonstrate an understanding of current ethical concerns in the profession leading them to successful employment or further schooling. |

Free Form Requirements

**Requirement 1 — Complete 4 Courses**

*Major courses:*

EXSC362 Kinesiology & Biomechanics - Kinesiology & Biomechanics 3.0

EXSC440 Adv Musskl Hum Anat (incl lab) - Adv Musskl Hum Anat (incl lab) 4.0

EXSC463 Exercise Physiology - Exercise Physiology 3.0

EXSC464 Exercise Physiology Lab - Exercise Physiology Lab 0.5

**Requirement 2 —Complete 12 hours**

EXSC221 Science of Wellness - Science of Wellness 3.0

EXSC320 Basic Athletic Training - Basic Athletic Training 3.0

EXSC321 Basic Athletic Training Lab - Basic Athletic Training Lab 0.5

EXSC350 Res. Meth. & Evid. Based Prac. - Res. Meth. & Evid. Based Prac. 3.0

EXSC387 Chronic Disease Prevention - Chronic Disease Prevention 3.0

EXSC460 Ortho Impairments & Ther Exer - Ortho Impairments & Ther Exer 3.0

EXSC462 Clinical Biomechanics - Clinical Biomechanics 3.0

EXSC466 Intro to ECG - Intro to ECG 2.0

04495-006 - Missing course - Problems in Exercise Prsrptn 2.0

EXSC468 Exercise Prescription - Exercise Prescription 3.0

EXSC470 Functional Neuroanatomy - Functional Neuroanatomy 3.0

EXSC497R Undergrad Research & Study - Undergrad Research & Study - *You may take up to 3.0 credit hours* 0.5v

EXSC501 Pathophysiology for AT - Pathophysiology for AT 3.0

EXSC516 Lower Extremities - Lower Extremities 3.0

EXSC517 Upper Extremities - Upper Extremities 3.0

EXSC518 Rehabilitation - Rehabilitation 3.0

**Requirement 3 —Complete 10 Courses**

CELL120 Science of Biology - Science of Biology 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

STDEV100 Essential College Skills - Essential College Skills 1.0

**Requirement 2 —Complete 5 Courses**

EXSC221 Science of Wellness - Science of Wellness 3.0

EXSC362 Kinesiology & Biomechanics - Kinesiology & Biomechanics 3.0

EXSC387 Chronic Disease Prevention - Chronic Disease Prevention 3.0

EXSC410 Stress Management - Stress Management 3.0

EXSC463 Exercise Physiology - Exercise Physiology 3.0

**Requirement 3 —Complete 15 hours**

CELL205 Human Biology - Human Biology 3.0

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

HLTH330 Health Promotion - Health Promotion 3.0

HLTH335 Health Behavior Change - Health Behavior Change 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH338 Sport Psychology - Sport Psychology 3.0

PSYCH 365 - Motivation 3.0

SOC111 Introductory Sociology - Introductory Sociology 3.0

SOC112 Current Social Problems - Current Social Problems 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 4 —Complete 1 Course**

*Complete the capstone experience (last course to be completed):*

STDEV490 BGS Capstone - BGS Capstone 2.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 4 —Complete 1 of 2 Options**

**Option 4.1 —Complete 1 Course**

CELL305 Human Physiology - Human Physiology 4.0

**Option 4.2 —Complete 2 Courses**

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

**Requirement 5 —Complete 6 hours**

*Some of these electives have required prerequisites.*

CELL320 Dissection Tech Human Anatomy - Dissection Tech Human Anatomy 1.0

CELL325 Tissue Biology (with lab) - Tissue Biology (with lab) 3.0

CELL360 Cell Biology - Cell Biology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL365 Pathophysiology - Pathophysiology 4.0

CELL484 Human Embryology - Human Embryology 3.0

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL565 Endocrinology - Endocrinology 3.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

CHEM 481M - Biochemistry - Majors 3.0

EXSC399R Exercise Sciences Internship - Exercise Sciences Internship - *You may take once* 0.5v

EXSC399R HWSG Internship - HWSG Internship - *You may take once* 1.0v

HLTH 310 - Chrnc Disease:Prevntn & Cntrl - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HLTH320 Adv First Aid & Safety - Adv First Aid & Safety 3.0

HLTH335 Health Behavior Change - Health Behavior Change 3.0

MATH112 Calculus 1 - Calculus 1 4.0

03612-000 - Missing course - Introduction to Calculus 4.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS305 Nutr Implications of Disease - Nutr Implications of Disease 4.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH220 Human Dev: Life Span - Human Dev: Life Span 3.0

PSYCH342 Psychopathology - Abnormal Psychology 3.0

PWS340 Genetics - Genetics 3.0

SOC111 Introductory Sociology - Introductory Sociology 3.0

SOC112 Current Social Problems - Current Social Problems 3.0

STDEV170 Intro to Health Professions - Intro to Health Professions 1.0

STDEV317 Job Search Strategies - Career Strategies2.0

*Note to Students Desiring to Pursue Master of Athletic Training (MAT) degree: In order to prepare for acceptance into the MAT graduate degree program, you must take the following courses during your BS Exercise Science major: EXSC 320, 321, 387, 501, 516, 517, 518, 601, and PSYCH 111. Contact Life Sciences Advisement (2060 LSB) for additional information (lsa.byu.edu; 801-422-3042; lifesciences@byu.edu). See MAT website for details. Some elective courses may be offered only in Spring term.*

*Note to Premed Students: Professional schools and graduate programs may require additional courses not required for this major. Contact the programs to which you may apply to determine specific courses that meet their entrance requirements. Students considering professional or graduate degrees should take at least two semesters of mathematical courses. The following required or elective courses are strongly recommended for students considering professional or graduate degrees in the exercise sciences: MMBio 241; CELL 360, 362, 363; Chem 351, 352, 353, 481; Math 119; Stat 121. For more information contact the Preprofessional Advisement Center, 3328 WSC, (801) 422-3044. Contact*

*potential schools of choice for a complete list of entrance requirements.*

## 663901 - Cultural Dance (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Cultural Dance | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 16 |

**Free Form Requirements**

**Requirement 1 — Complete 1 Course**

*Complete the following with a grade of B or better:*

DANCE270 Cultural Dance Technique 1 - World Dance Technique 1 1.0

*The Dance Department requires a minimum of 8 hours to be completed in residency at BYU for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 2 — Complete 6 Courses**

*Core courses:*

DANCE170 Cultural Dance Introduction - World Dance, Beginning 1.0

DANCE172 Western Square & Amer Dance - Western Square & Amer Dance 1.0

DANCE260 Introduction to Dance - Introduction to Dance 3.0

DANCE357 Dance- A Reflection of Culture - Dance- A Reflection of Culture 2.0

DANCE370 Cultural Dance Technique 2 - World Dance Technique 2 1.0

DANCE376 Mthds of Tchg Cultural Dance - Mthds of Tchg World Dance 2.0

**Requirement 3 — Complete 1 hour**

*Core course:*

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

DANCE271R Clogging Dance Int Tech 1 - American Clog Dance Tech 1 - *You may take once* 1.0

DANCE274R Irish Dance Tech 1 - Irish Dance Tech 1 - *You may take once* 1.0

**Requirement 4 — Complete 4 hours**

*R courses may not be repeated for credit toward the four hours; only 2 credit hours total may be used for performance classes, either Dance 378R or Dance 478R.*

DANCE192 Character Dance - Character Dance 1.0

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

12029-003 - Missing course - Cultural Dance Forms 1.0

09389-020 - Missing course - Hungarian Dance Tech 1 1.0

DANCE275 Polynesian Dance Tech 1 - Polynesian Dance Tech 1 1.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

## 663921 - Dance (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Dance | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 60 | 60 |

**Major Academic Plan**

MAP - BA in Dance 2023-2024.pdf

| | |
|---|---|
| **Title**<br>Body, Mind, Spirit Connection | **Learning Outcome**<br>Students will be able to express in written, movement, and oral presentation the body, mind, spirit connection through applied knowledge in dance science, somatic theory, and movement studies. |

| | |
|---|---|
| **Title**<br>Dance Making | **Learning Outcome**<br>Students will be able to perform and choreograph dance works that demonstrate an awareness of historical and cultural contexts, application of the choreographic processes, and the shaping of a personal aesthetic. |

| | |
|---|---|
| **Title**<br>Interdisciplinary Integration | **Learning Outcome**<br>Students will integrate their dance education with an accompanying self-selected minor or area of outside focus through thoughtful reflective practice. |

| | |
|---|---|
| **Title**<br>Citizenship | **Learning Outcome**<br>Students will be able to value and model professional and civic engagement. |

**Free Form Requirements**

*The Bachelor of Arts (BA) in Dance is an open enrollment program. Students may declare the Dance BA major upon entry to the university and will be assigned a dance major advisor.*

*The Dance Department requires a minimum of 30 hours of dance credit to be taken in residency at BYU's Provo campus for this degree program. BYU Independent Study courses do not count toward residency. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 — Complete 1 of 2 Courses**

*Note: CELL 220 is preferred.*

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/

DANCE278 Ukrainian Dance Tech 1 - Ukrainian Dance Tech 1 1.0

DANCE279 Indian Dance: prct/thry, tech1 - Indian Dance: prct/thry, tech1 1.0

DANCE327R Living Legends - Living Legends - *You may take once* 0.5v

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 - *You may take once* 1.0

DANCE371R Clog Dance Technique 2 - Clog Dance Technique 2 - *You may take once* 1.0

DANCE373R Hungarian Dance Tech 2 - Hungarian Dance Tech 2 - *You may take once* 1.0

DANCE374R Irish Dance Tech 2 - Irish Dance Tech 2 - *You may take once* 1.0

DANCE377 Cultural Dance Choreography - World Dance Choreography 2.0

DANCE378R Folk Dance Performance - Folk Dance Performance - *You may take up to 2.0 credit hours* 1.0

DANCE474R Percussive Step Styles - Percussive Step Styles - *You may take once* 1.0

DANCE478R Folk Dance Performance Co - Folk Dance Performance Co - *You may take up to 2.0 credit hours* 2.0

virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

**Requirement 2 — Complete 1 of 2 Courses**

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take once* 2.0

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

**Requirement 3 — Complete 8 Courses**

DANCE230 Conditioning - Conditioning 2.0

DANCE244R Beginning Creative Processes - Std Wrkshp Improv & Choreog - *You may take once* 1.0

DANCE261 Freshman Seminar in Dance - Freshman Seminar in Dance 1.0

DANCE317 Adv Writing for Dance - Adv Writing for Dance 3.0

DANCE342 Kinesiology for Dancers - Kinesiology for Dancers 4.0

DANCE459 Seminar in Dance - Seminar in Dance 1.0

DANCE460 Dance History and Theory - Dance History 1 2.0

DANCE469 Capstone in Dance - Capstone in Dance 2.0

**Requirement 4 — Complete 1 of 4 Courses**

DANCE362 Cont Mdrn Dnce Choreo Interm - Cont Mdrn Dnce Choreo Interm 2.0

DANCE377 Cultural Dance Choreography - World Dance Choreography 2.0

DANCE387 Ballroom Dance Choreography - Ballroom Dance Choreography 2.0

DANCE397R Ballet Choreography - Ballet Choreography - *You may take once* 2.0

**Requirement 5 — Complete 1 of 2 Courses**

DANCE343 Principles of Somatics - Principles of Somatics 2.0

DANCE351 Laban Movement Analysis - Laban Movement Analysis 2.0

**Requirement 6 — Complete 1 of 3 Courses**

DANCE346 Dance and Diaspora - DANCE DIASPORA 3.0

DANCE354 Dance & Identity - Dance & Identity 2.0

DANCE357 Dance- A Reflection of Culture - Dance- A Reflection of Culture 2.0

DANCE359R Special Topics & Issues - Special Topics & Issues - *You may take once* 2.0

**Requirement 7 — Complete 1 of 4 Courses**

DANCE264 Music for Dancers - Music for Dancers 2.0

DANCE355 Dnc Prductn Intro - Dnc Prductn Intro 2.0

DANCE358 Dance and Film - Dance and Film 2.0

DANCE359R Special Topics & Issues - Special Topics & Issues - *You may take once* 2.0

**Requirement 8 — Complete 1 of 8 Courses**

DANCE365 Creative Dance Elementary Edu - Creative Dance Elementary Edu 2.0

DANCE366 Tchg Mthds of Mdrn & Cont Dnce - Tchg Mthds of Mdrn & Cont Dnce 2.0

DANCE367 MthdsTchg Chld Creative Dance - MthdsTchg Chld Creative Dance 2.0

DANCE376 Mthds of Tchg Cultural Dance - Mthds of Tchg World Dance 2.0

DANCE386 Methods of Tchg Social Dance - Methods of Tchg Social Dance 2.0

DANCE396 Methods of Teaching Ballet - Methods of Teaching Ballet 2.0

DANCE486 Theory & Not of Intl Ballroom - Theory & Not of Intl Ballroom 2.0

DANCE487 Theory & Not of Intl Latin Dnc - Theory & Not of Intl Latin Dnc 2.0

**Requirement 9 — Complete 3 of 21 Courses**

DANCE231R Jazz Dance Technique 1 - Jazz Dance Technique 1 - *You may take once* 1.0

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

DANCE240R Contemp Mdrn, Tech & Theory 1 - Contemp Mdrn, Tech & Theory 1 - *You may take once* 1.5

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take once* 2.0

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

DANCE270 Cultural Dance Technique 1 - World Dance Technique 1 1.0

DANCE271R Clogging Dance Int Tech 1 - American Clog Dance Tech 1 - *You may take once* 1.0

12029-003 - Missing course - Cultural Dance Forms 1.0

DANCE273R Hungarian Dance Tech1 - Hungarian Dance Tech1 - *You may take once* 1.0

DANCE274R Irish Dance Tech 1 - Irish Dance Tech 1 - *You may take once* 1.0

DANCE275 Polynesian Dance Tech 1 - Polynesian Dance Tech 1 1.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

DANCE278 Ukrainian Dance Tech 1 - Ukrainian Dance Tech 1 1.0

DANCE279 Indian Dance: prct/thry, tech1 - Indian Dance: prct/thry, tech1 1.0

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE281 Cntry Wstrn Soc Dnc, Intrmd - Cntry Wstrn Soc Dnc, Intrmd 1.0

DANCE284 Ballroom Dnce, Intl Tech 1 - Ballroom Dnce, Intl Tech 1 1.0

DANCE285 Latin Dance, Intl Tech 1 - Latin Dance, Intl Tech 1 1.0

DANCE290 Ballet Accelerated Technique 1 - Ballet Accelerated Technique 1 1.5

DANCE294R Ballet Technique, Men - Ballet Technique, Men - *You may take once* 1.5

**Requirement 10 — Complete 4 hours**

DANCE240R Contemp Mdrn, Tech & Theory 1 - Contemp Mdrn, Tech & Theory 1 1.5

DANCE291R Ballet Technique 2 - Ballet Technique 2 2.5

DANCE331R Jazz Dance Technique 2 - Jazz Dance Technique 2 1.5

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 1.0

DANCE 340R - Cont Modrn Tech & Theory 3 1.5v

DANCE341R Cntmpry Mdrn Tech Forms - Cntmpry Mdrn Tech Forms 2.5

DANCE364 Contemporary Partnering - Contemporary Partnering 1.0

DANCE370 Cultural Dance Technique 2 - World Dance Technique 2 1.0

DANCE371R Clog Dance Technique 2 - Clog Dance Technique 2 1.0

DANCE373R Hungarian Dance Tech 2 - Hungarian Dance Tech 2 1.0

DANCE374R Irish Dance Tech 2 - Irish Dance Tech 2 1.0

DANCE380R Social Dance, Advanced - Social Dance, Advanced 1.0

DANCE382R Ballroom Dnce, Intl Tech 2 - Ballroom Dnce, Intl Tech 2 1.0

DANCE383R Latin Dance, Intl Tech 2 - Latin Dance, Intl Tech 2 1.0

DANCE384R Ballroom Dnc, Intl Tech 3 - Ballroom Dnc, Intl Tech 3 1.0

DANCE385R Latin Dance, Intl Tech 3 - Latin Dance, Intl Tech 3 1.0

DANCE390R Ballet Technique 3 - Ballet Technique 3 1.5v

DANCE392R Ballet Pointe 1 - Ballet Pointe 1 0.5

DANCE440R Cont Mdrn Dnc Techniq & Thry 4 - Cont Mdrn Dnc Techniq & Thry 4 2.5

DANCE474R Percussive Step Styles - Percussive Step Styles 1.0

DANCE484R Ballroom Dnc, Intl Tech 4 - Ballroom Dnc, Intl Tech 4 1.0

DANCE485R Latin Dance, Intl Tech 4 - Latin Dance, Intl Tech 4 1.0

DANCE494R Ballet Pointe/Variations - Ballet Pointe/Variations 0.5

DANCE495R Pas de Deux - Pas de Deux 1.0

DANCE500R Workshop in Ballet - Workshop in Ballet 0.5v

**Requirement 11 — Complete 2 hours**

*Complete 2 credit hours from the following performance company option:*

DANCE229R Dance Perf-1 - Dance Perf-1 - *You may take once* 0.5v

DANCE320R Young Ambassadors - Young Ambassadors - *You may take once* 0.5v

DANCE327R Living Legends - Living Legends - *You may take once* 0.5v

DANCE348R Kinnect - Kinnect - *You may take once* 1.0v

DANCE368R DancEnsemble - DancEnsemble - *You may take once* 1.0v

DANCE378R Folk Dance Performance - Folk Dance Performance - *You may take once* 1.0

DANCE388R Bllrm Dnc Performance Intrmd - Bllrm Dnc Performance Intrmd - *You may take once* 1.0

DANCE398R Theatre Ballet Studio Company - Ballet Showcase Company - *You may take once* 2.0

DANCE429R Dance Perf-2 - Dance Perf-2 - *You may take once* 0.5v

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre - *You may take once* 2.0

DANCE478R Folk Dance Performance Co - Folk Dance Performance Co - *You may take once* 2.0

DANCE488R Ballroom Dance Performance Co - Ballroom Dance Performance Co - *You may take once* 2.0v

DANCE489R Preparation for Bllrm Comptitn - Preparation for Bllrm Comptitn - *You may take once* 1.0

DANCE498R Theatre Ballet - Theatre Ballet - *You may take once* 2.0

**Requirement 12 — Complete 5 hours**

*Note: Courses fulfilling Requirement 4-9 cannot be repeated for Requirement 12*

DANCE229R Dance Perf-1 - Dance Perf-1 - *You may take once* 0.5v

DANCE231R Jazz Dance Technique 1 - Jazz Dance Technique 1 - *You may take once* 1.0

DANCE233 Aerial Dance Tech - Aerial Dance Tech 1.0

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take once* 2.0

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

DANCE264 Music for Dancers - Music for Dancers 2.0

DANCE270 Cultural Dance Technique 1 - World Dance Technique 1 1.0

DANCE271R Clogging Dance Int Tech 1 - American Clog Dance Tech 1 - *You may take once* 1.0

12029-003 - Missing course - Cultural Dance Forms 1.0

DANCE273R Hungarian Dance Tech1 - Hungarian Dance Tech1 - *You may take once* 1.0

DANCE274R Irish Dance Tech 1 - Irish Dance Tech 1 - *You may take once* 1.0

DANCE275 Polynesian Dance Tech 1 - Polynesian Dance Tech 1 1.0

DANCE276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

DANCE278 Ukrainian Dance Tech 1 - Ukrainian Dance Tech 1 1.0

DANCE279 Indian Dance: prct/thry, tech1 - Indian Dance: prct/thry, tech1 1.0

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE281 Cntry Wstrn Soc Dnc, Intrmd - Cntry Wstrn Soc Dnc, Intrmd 1.0

1.0

DANCE284 Ballroom Dnce, Intl Tech 1 - Ballroom Dnce, Intl Tech 1 1.0

DANCE285 Latin Dance, Intl Tech 1 - Latin Dance, Intl Tech 1 1.0

DANCE290 Ballet Accelerated Technique 1 - Ballet Accelerated Technique 1 1.5

DANCE291R Ballet Technique 2 - Ballet Technique 2 - *You may take once* 2.5

DANCE294R Ballet Technique, Men - Ballet Technique, Men - *You may take once* 1.5

DANCE300 MT in Contemporary Culture - MT in Contemporary Culture 1.0

DANCE320R Young Ambassadors - Young Ambassadors - *You may take once* 0.5v

DANCE326 Dance for Elementary Classroom - Dance for Elementary Classroom 2.0

DANCE327R Living Legends - Living Legends - *You may take once* 0.5v

DANCE328 Script, Mvmnt & Score Analysis - Script, Mvmnt & Score Analysis 1.0

DANCE331R Jazz Dance Technique 2 - Jazz Dance Technique 2 - *You may take once* 1.5

STAC100R Intercol Athl Cougarettes - Cougarette Performing Team - *You may take once* 2.0

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 - *You may take once* 1.0

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 - *You may take once* 1.5v

DANCE341R Cntmpry Mdrn Tech Forms - Cntmpry Mdrn Tech Forms - *You may take once* 2.5

DANCE343 Principles of Somatics - Principles of Somatics 2.0

DANCE346 Dance and Diaspora - Mth Tch Dance Soc Grps ScEd 2.0

DANCE348R Kinnect - Kinnect - *You may take once* 1.0v

DANCE351 Laban Movement Analysis - Laban Movement Analysis 2.0

DANCE354 Dance & Identity - Dance & Identity 2.0

DANCE355 Dnc Prductn Intro - Dnc Prductn Intro 2.0

DANCE357 Dance- A Reflection of Culture - Dance- A Reflection of Culture 2.0

DANCE358 Dance and Film - Dance and Film 2.0

DANCE359R Special Topics & Issues - Special Topics & Issues - *You may take once* 2.0

DANCE 361 - MDT Choreographic Styles 3.0

DANCE362 Cont Mdrn Dnce Choreo Interm - Cont Mdrn Dnce Choreo Interm 2.0

DANCE363R Dance Improvisation, Interm - Dance Improvisation, Interm - *You may take once* 1.0

DANCE364 Contemporary Partnering - Contemporary Partnering 1.0

DANCE365 Creative Dance Elementary Edu - Creative Dance Elementary Edu 2.0

Elementary Edu 2.0

DANCE366 Tchg Mthds of Mdrn & Cont Dnce - Tchg Mthds of Mdrn & Cont Dnce 2.0

DANCE367 MthdsTchg Chld Creative Dance - MthdsTchg Chld Creative Dance 2.0

DANCE368R DancEnsemble - DancEnsemble - *You may take once* 1.0v

DANCE370 Cultural Dance Technique 2 - World Dance Technique 2 1.0

DANCE371R Clog Dance Technique 2 - Clog Dance Technique 2 - *You may take once* 1.0

DANCE373R Hungarian Dance Tech 2 - Hungarian Dance Tech 2 - *You may take once* 1.0

DANCE374R Irish Dance Tech 2 - Irish Dance Tech 2 - *You may take once* 1.0

DANCE376 Mthds of Tchg Cultural Dance - Mthds of Tchg World Dance 2.0

DANCE377 Cultural Dance Choreography - World Dance Choreography 2.0

DANCE378R Folk Dance Performance - Folk Dance Performance - *You may take once* 1.0

DANCE380R Social Dance, Advanced - Social Dance, Advanced - *You may take once* 1.0

DANCE382R Ballroom Dnce, Intl Tech 2 - Ballroom Dnce, Intl Tech 2 - *You may take once* 1.0

DANCE383R Latin Dance, Intl Tech 2 - Latin Dance, Intl Tech 2 - *You may take once* 1.0

DANCE384R Ballroom Dnc, Intl Tech 3 - Ballroom Dnc, Intl Tech 3 - *You may take once* 1.0

DANCE385R Latin Dance, Intl Tech 3 - Latin Dance, Intl Tech 3 - *You may take once* 1.0

DANCE386 Methods of Tchg Social Dance - Methods of Tchg Social Dance 2.0

DANCE387 Ballroom Dance Choreography - Ballroom Dance Choreography 2.0

DANCE388R Bllrm Dnc Performance Intrmd - Bllrm Dnc Performance Intrmd - *You may take once* 1.0

DANCE390R Ballet Technique 3 - Ballet Technique 3 - *You may take once* 1.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 - *You may take once* 3.0

DANCE392R Ballet Pointe 1 - Ballet Pointe 1 - *You may take once* 0.5

DANCE393R Ballet Pointe 2 - Ballet Pointe 2 - *You may take once* 1.0

DANCE396 Methods of Teaching Ballet - Methods of Teaching Ballet 2.0

DANCE397R Ballet Choreography - Ballet Choreography - *You may take once* 2.0

DANCE 398R - Ballet Showcase Company - *You may take once* 2.0

DANCE399R Academic Intrnshp: Gen'l Dance - Academic Intrnshp: Gen'l Dance - *You may take once* 0.5v

DANCE399R Academic Internship: Dance BFA - Academic Internship:

Dance BFA - *You may take once* 0.5v

DANCE399R Academic Internship: Ballroom - Academic Internship: Ballroom - *You may take once* 0.5v

DANCE399R Academic Internship: Dance Ed - Academic Internship: Dance Ed - *You may take once* 0.5v

DANCE426 MDT Sr Performance Project - MDT Sr Performance Project 1.0

DANCE429R Dance Perf-2 - Dance Perf-2 - *You may take once* 0.5v

DANCE440R Cont Mdrn Dnc Techng & Thry 4 - Cont Mdrn Dnc Techng & Thry 4 - *You may take once* 2.5

DANCE462R Choreo, Adv - Choreo, Adv - *You may take once* 2.0

DANCE465 K-12 Dance Curriculum Design - K-12 Dance Curriculum Design 2.0

DANCE466 Dance Teaching Pract and Mgmt - Dance Teaching Pract and Mgmt 3.0

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre - *You may take once* 2.0

DANCE474R Percussive Step Styles - Percussive Step Styles - *You may take once* 1.0

DANCE476 Sec Student Teaching in Dance - Sec Student Teaching in Dance 12.0

DANCE478R Folk Dance Performance Co - Folk Dance Performance Co - *You may take once* 2.0

DANCE480R Social Dance, Technique 3 - Social Dance, Technique 3 - *You may take once* 1.0

DANCE484R Ballroom Dnc, Intl Tech 4 - Ballroom Dnc, Intl Tech 4 - *You may take once* 1.0

DANCE485R Latin Dance, Intl Tech 4 - Latin Dance, Intl Tech 4 - *You may take once* 1.0

DANCE486 Theory & Not of Intl Ballroom - Theory & Not of Intl Ballroom 2.0

DANCE487 Theory & Not of Intl Latin Dnc - Theory & Not of Intl Latin Dnc 2.0

DANCE488R Ballroom Dance Performance Co - Ballroom Dance Performance Co - *You may take once* 2.0

DANCE489R Preparation for Bllrm Comptitn - Preparation for Bllrm Comptitn - *You may take once* 1.0

DANCE490R Ballet Technique 5 - Ballet Technique 5 - *You may take once* 3.0

DANCE494R Ballet Pointe/Variations - Ballet Pointe/Variations - *You may take once* 0.5

DANCE495R Pas de Deux - Pas de Deux - *You may take once* 1.0

DANCE498R Theatre Ballet - Theatre Ballet - *You may take once* 2.0

DANCE500R Workshop in Ballet - Workshop in Ballet - *You may take once* 0.5v

DANCE500R Workshop in Ballroom - Workshop in Ballroom - *You may take once* 0.5v

DANCE500R Studies in Dance - Studies in Dance - *You may take once*

0.5v

DANCE540R Adv Dance Tech Workshop - Adv Dance Tech Workshop - *You may take once* 1.0v

DANCE544R Advanced Studio Workshop - Advanced Studio Workshop - *You may take once* 1.0v

MDT361 Choreographic Styles - Choreographic Styles 3.0

**Requirement 13 — Complete 1 Options**

**Requirement 13.1 —Obtain confirmation from your advisement center that you have completed the following:**

Complete an approved minor outside of dance. Note: Chosen minor may not be a dance minor, and must be completed as part of your graduation requirements.

**Requirement 13.2 — Obtain confirmation from your advisement center that you have completed the following:**

Complete 15 credit hours in a concentrated area of study outside of the Dept. of Dance. These credits should support a cross-disciplinary understanding of how a dance education can integrate into post graduate pursuits. Examples include but are not limited to the following graduate studies/career pursuits: Dance Movement Therapy, Physical Therapy, Medicine, Occupational Therapy. A justification letter regarding outside electives must accompany your student development plan and all credits must be approved by your faculty advisor and the Dance BA Committee Chair.

## 663922 - Dance Education K-12 (BA) *

### Program Information

| Program Title | Degree |
|---|---|
| Dance Education K-12 | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 85 | 85 |

**Major Academic Plan**

MAP - BA in Dance Education K-12 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Dance Technique, Performance, and Choreography | Students will demonstrate proficiency in contemporary modern dance technique performance and choreography. |
| Instructional Strategies, Standards, and Pedagogy | Students will meet the Utah Effective Teaching Standards at the basic competence level. |
| Dance Theory and Curriculum | Students will examine synthesize and apply theory within a comprehensive dance curriculum. |
| | Learning Outcome |

## 663933 - Dance (BFA) *

### Program Information

| Program Title | Degree |
|---|---|
| Dance | BFA |
| **Variable Credit Min** | **Variable Credit Max** |
| 76 | 77 |

**Major Academic Plan**

MAP - BFA in Dance 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Technical Skill and Performance | Students will demonstrate advanced skill in dance technique and performance. |
| Choreography | Students will demonstrate advanced skill in choreographic principles. |
| Research and Theory | Students will examine synthesize and apply theory within a comprehensive dance curriculum. |
| | Learning Outcome |

| Title | Learning Outcome |
| --- | --- |
| Professional Engagement, Behaviors, and Interaction | Students will model professional behavior and practice in dance education. |

| Title | Learning Outcome |
| --- | --- |
| Spiritual and Ethical Issues | Students will critically examine spiritual secular and ethical issues relevant to dance and education. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*The Dance Education K-12 major is a limited enrollment program which requires students to apply and audition for acceptance through a department admissions process. Candidates should declare a Dance Education K-12 Pre-major and enroll in Dance 241R, Dance 290, and Dance 261 during the freshman year. A proficiency audition, self-choreographed solo, interview, minimum academic requirements, Utah Bureau of Criminal Investigation (UBCI) and FBI fingerprint and background clearance, and successful completion of Dance 276R are required for acceptance to the major. See https://dance.byu.edu for complete acceptance requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to http://education.byu.edu/ess/licensing.html or contact Education Student Services (350 MCKB, 801-422-3426).*

*Upon acceptance to the Dance Education K-12 major, students will participate in annual mandatory advisement with an assigned faculty advisor and through the CFAC Advisement Center.*

*Proficiency audition is required for placement and registration in technique courses. All technique courses require at least a B- and teacher approval to advance to the next level.*

*The Dance Department requires at least 21 hours from major courses to be completed in residency at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*A teaching minor is recommended.*

**Requirement 1 — Complete 1 Course**

*Prerequisite course:*

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

**Requirement 2 — Complete 13 Courses**

| Title | Learning Outcome |
| --- | --- |
| Spiritual Values and Ethical Issues | spiritual ethical and professional issues relevant to dance. |

| Title | Learning Outcome |
| --- | --- |
| Professionalism | Students will model professional behavior and practice. |

**Free Form Requirements**

*This is a limited-enrollment program requiring that students pass an audition and receive departmental acceptance. Please see the Dance Department for information regarding requirements for application to this major, and for all pre-major requirements.*

*Proficiency audition is required for placement and registration in technique courses.*

*Students are required to participate in regular proficiency assessments and are subject to being transferred from the BFA program into the BA program if proficiencies are not maintained.*

*All technique courses require at least a B- and teacher approval to advance to the next level.*

*The Dance Department requires a minimum of 30 hours of dance credit to be taken in residency at BYU's Provo campus for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 — Complete 3 Courses**

*Complete the following prerequisite courses:*

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take once* 2.0

DANCE290 Ballet Accelerated Technique 1 - Ballet Accelerated Technique 1 1.5

**Requirement 2 — Complete 11 Courses**

DANCE230 Conditioning - Conditioning 2.0

DANCE261 Freshman Seminar in Dance - Freshman Seminar in Dance 1.0

DANCE264 Music for Dancers - Music for Dancers 2.0

DANCE317 Adv Writing for Dance - Adv Writing for Dance 3.0

DANCE342 Kinesiology for Dancers - Kinesiology for Dancers 4.0

DANCE343 Principles of Somatics - Principles of Somatics 2.0

DANCE351 Laban Movement Analysis - Laban Movement Analysis 2.0

DANCE355 Dnc Prductn Intro - Dnc Prductn Intro 2.0

DANCE459 Seminar in Dance - Seminar in Dance 1.0

DANCE460 Dance History and Theory - Dance History and Theory 3.0

DANCE469 Capstone in Dance - Capstone in Dance 2.0

**Requirement 3 — Complete 1 Course**

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

**Requirement 4 — Complete 2.5 hours**

DANCE230 Conditioning - Conditioning 2.0

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take up to 2.0 credit hours* 2.0

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

DANCE245 Foundational Street Dance - Foundational Street Dance 1.0

DANCE261 Freshman Seminar in Dance - Freshman Seminar in Dance 1.0

DANCE264 Music for Dancers - Music for Dancers 2.0

DANCE290 Ballet Accelerated Technique 1 - Ballet Accelerated Technique 1 1.5v

DANCE317 Adv Writing for Dance - Adv Writing for Dance 3.0

DANCE342 Kinesiology for Dancers - Kinesiology for Dancers 4.0

DANCE343 Principles of Somatics - Principles of Somatics 2.0

DANCE345 Accelerated Street Dance - Accelerated Street Dance 1.5

DANCE351 Laban Movement Analysis - Laban Movement Analysis 2.0

DANCE355 Dnc Prductn Intro - Dnc Prductn Intro 2.0

DANCE460 Dance History and Theory - Dance History and Theory 3.0

**Requirement 3 — Complete 5 hours**

*Must be taken in two semesters:*

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 - *You may take 2 times* 1.5v

DANCE341R Cntmpry Mdrn Tech Forms - Cntmpry Mdrn Tech Forms - *You may take 2 times* 2.5

DANCE440R Cont Mdrn Dnc Technq & Thry 4 - Cont Mdrn Dnc Technq & Thry 4 - *You may take 2 times* 2.5

**Requirement 4 — Complete 1.0 hours**

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

DANCE270 Cultural Dance Technique 1 - World Dance Technique 1 1.0

DANCE271R Clogging Dance Int Tech 1 - American Clog Dance Tech 1 - *You may take once* 1.0

09389-020 - Missing course - Hungarian Dance Tech 1 1.0

DANCE274R Irish Dance Tech 1 - Irish Dance Tech 1 - *You may take once* 1.0

DANCE275 Polynesian Dance Tech 1 - Polynesian Dance Tech 1 1.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

DANCE278 Ukrainian Dance Tech 1 - Ukrainian Dance Tech 1 1.0

DANCE279 Indian Dance: prct/thry, tech1 - Indian Dance: prct/thry, tech1 1.0

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE281 Cntry Wstrn Soc Dnc, Intrmd - Cntry Wstrn Soc Dnc, Intrmd 1.0

DANCE327R Living Legends - Living Legends - *You may take once* 0.5v

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 - *You may take once* 1.5v

**Requirement 5 — Complete 5 hours**

*Complete 2 semesters of the following intermediate technique course:*

DANCE390R Ballet Technique 3 - Ballet Technique 3 - *You may take 2 times* 1.5v

DANCE490R Ballet Technique 5 - Ballet Technique 5 - *You may take once* 3.0

**Requirement 6 — Complete 10 hours**

*Advanced technique:*

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 - *You may take 4 times* 1.5v

DANCE341R Cntmpry Mdrn Tech Forms - Cntmpry Mdrn Tech Forms - *You may take 4 times* 2.5

DANCE390R Ballet Technique 3 - Ballet Technique 3 - *You may take 4 times* 1.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 - *You may take 4 times* 3.0

DANCE440R Cont Mdrn Dnc Technq & Thry 4 - Cont Mdrn Dnc Technq & Thry 4 - *You may take 4 times* 2.5

DANCE490R Ballet Technique 5 - Ballet Technique 5 - *You may take 4 times* 3.0

**Requirement 7 — Complete 2 Requirements**

**Requirement 7.1 — Complete 3 Courses**

DANCE244R Beginning Creative Processes - Std Wrkshp Improv & Choreog - *You may take once* 1.0

DANCE363R Dance Improvisation, Interm - Dance Improvisation, Interm - *You may take once* 1.0

DANCE462R Choreo, Adv - Choreo, Adv - *You may take once* 2.0

**Requirement 7.2 — Complete 1 of 2 Courses**

DANCE362 Cont Mdrn Dnce Choreo Interm - Cont Mdrn Dnce Choreo Interm 2.0

DANCE397R Ballet Choreography - Ballet Choreography - *You may take once* 2.0

**Requirement 8 — Complete 1 of 2 Courses**

*Complete one additional registration of one of the following courses:*

DANCE397R Ballet Choreography - Ballet Choreography - *You may take once* 2.0

DANCE462R Choreo, Adv - Cont Mdrn Choreo, Adv - *You may take once* 2.0

**Requirement 9 — Complete 2 hours**

*Dance 399R requires a minimum of 42 hours of approved off-campus intensive workshop experience per 1 credit hour registration. See advisor for more information.*

DANCE399R Academic Internship: Dance BFA - Academic Internship: Dance BFA - *You may take up to 2.0 credit hours* 0.5v

**Requirement 10 — Complete 6 hours**

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 - *You may take once* 1.0

DANCE370 Cultural Dance Technique 2 - World Dance Technique 2 1.0

DANCE371R Clog Dance Technique 2 - Clog Dance Technique 2 - *You may take once* 1.0

DANCE373R Hungarian Dance Tech 2 - Hungarian Dance Tech 2 - *You may take once* 1.0

DANCE374R Irish Dance Tech 2 - Irish Dance Tech 2 - *You may take once* 1.0

DANCE377 Cultural Dance Choreography - World Dance Choreography 2.0

DANCE380R Social Dance, Advanced - Social Dance, Advanced - *You may take once* 1.0

DANCE382R Ballroom Dnce, Intl Tech 2 - Ballroom Dnce, Intl Tech 2 - *You may take once* 1.0

DANCE383R Latin Dance, Intl Tech 2 - Latin Dance, Intl Tech 2 - *You may take once* 1.0

DANCE384R Ballroom Dnc, Intl Tech 3 - Ballroom Dnc, Intl Tech 3 - *You may take once* 1.0

DANCE385R Latin Dance, Intl Tech 3 - Latin Dance, Intl Tech 3 - *You may take once* 1.0

DANCE387 Ballroom Dance Choreography - Ballroom Dance Choreography 2.0

DANCE474R Percussive Step Styles - Percussive Step Styles - *You may take once* 1.0

DANCE480R Social Dance, Technique 3 - Social Dance, Technique 3 - *You may take once* 1.0

DANCE484R Ballroom Dnc, Intl Tech 4 - Ballroom Dnc, Intl Tech 4 - *You may take once* 1.0

DANCE485R Latin Dance, Intl Tech 4 - Latin Dance, Intl Tech 4 - *You may take once* 1.0

**Requirement 5 — Complete 5 Courses**

*Composition and improvisation courses. Take in the sequence listed.*

DANCE244R Beginning Creative Processes - Std Wrkshp Improv & Choreog - *You may take once* 1.0

DANCE362 Cont Mdrn Dnce Choreo Interm - Cont Mdrn Dnce Choreo Interm 2.0

DANCE363R Dance Improvisation, Interm - Dance Improvisation, Interm - *You may take once* 1.0

DANCE462R Choreo, Adv - Cont Mdrn Choreo, Adv - *You may take once* 2.0

DANCE469 Capstone in Dance - Capstone in Dance 2.0

**Requirement 6 — Complete 2 hours**

*Performance courses:*

DANCE348R Kinnect - Kinnect - *You may take up to 2.0 credit hours in winter semester* 1.0v

DANCE368R DancEnsemble - DancEnsemble - *You may take up to 2.0 credit hours* 1.0v

DANCE368R DancEnsemble - DancEnsemble - *You may take 6 times* 1.0v

DANCE398R Theatre Ballet Studio Company - Ballet Showcase Company - *You may take 3 times* 2.0

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre - *You may take 3 times* 2.0

DANCE498R Theatre Ballet - Theatre Ballet - *You may take 3 times* 2.0

**Requirement 11 — Complete 2 Courses**

*Note: Each time Dance 229 is taken, it must be taken for 0.5 credit hours.*

DANCE229R Dance Perf-1 - Dance Perf-1 - *You may take 2 times* 0.5v

DANCE229R Dance Perf-1 - Dance Perf-1 - *You may take 2 times* 0.5v

**Requirement 12 — Complete 1 of 5 Courses**

DANCE294R Ballet Technique, Men - Ballet Technique, Men - *You may take once* 1.5

DANCE331R Jazz Dance Technique 2 - Jazz Dance Technique 2 - *You may take once* 1.5

DANCE363R Dance Improvisation, Interm - Dance Improvisation, Interm - *You may take once* 1.0

DANCE392R Ballet Pointe 1 - Ballet Pointe 1 - *You may take once* 0.5

DANCE494R Ballet Pointe/Variations - Ballet Pointe/Variations - *You may take once* 0.5

**Requirement 13 — Complete 1 of 2 Courses**

DANCE364 Contemporary Partnering - Contemporary Partnering 1.0

DANCE495R Pas de Deux - Pas de Deux - *You may take once* 1.0

**Requirement 14 — Complete 1 of 2 Courses**

DANCE366 Tchg Mthds of Mdrn & Cont Dnce - Tchg Mthds of Mdrn & Cont Dnce 2.0

DANCE396 Methods of Teaching Ballet - Methods of Teaching Ballet 2.0

**Requirement 15 — Complete 1 of 3 Courses**

DANCE354 Dance & Identity - Dance & Identity 2.0

DANCE357 Dance- A Reflection of Culture - Dance- A Reflection of Culture 2.0

DANCE359R Special Topics & Issues - Special Topics & Issues - *You may take once* 2.0

**Requirement 16 — Complete 1 hour**

*Broader Genre Studies*

DANCE171 American Clog Dance, Beginning - American Clog Dance, Beginning 1.0

DANCE172 Western Square & Amer Dance - Western Square & Amer Dance 1.0

DANCE174 Irish Dance, Beginning - Irish Dance, Beginning 1.0

DANCE175 Polynesian Dance, Beginning - Polynesian Dance, Beginning 1.0

DANCE180 Social Dance, Beginning - Social Dance, Beginning 1.0

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre - *You may take once* 2.0

**Requirement 7 — Complete 3 Requirements**

*Professional Education Component.*

Teacher Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 7.1 — Complete 11 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

DANCE276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

DANCE346 Dance and Diaspora - DANCE DIASPORA 3.0

DANCE365 Creative Dance Elementary Edu - Creative Dance Elementary Edu 2.0

DANCE366 Tchg Mthds of Mdrn & Cont Dnce - Tchg Mthds of Mdrn & Cont Dnce 2.0

DANCE465 K-12 Dance Curriculum Design - K-12 Dance Curriculum Design 2.0

DANCE466 Dance Teaching Pract and Mgmt - Dance Teaching Pract and Mgmt 3.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

Note: Utah Bureau of Criminal Investigation (UBCI) and FBI fingerprint and background clearance must be completed before acceptance into the major. Both fingerprint and background clearance mus be current to enroll in any course with a K-12 clinical experience.

**Requirement 7.2 — Complete 1 hour**

*Complete an elementary teaching practicum of 42 hours of dance core curriculum (20 hours planning and reflection, plus 22 hours teaching with children grades K-6) in one of the following ways: 1) Kinnect teaching Spring Term; 2) Other elementary dance teaching internships approved by the dance education faculty.*

DANCE348R Kinnect - Kinnect - *You may take up to 1.0 credit hours in spring term* 1.0v

DANCE399R Academic Intrnshp: Gen'l Dance - Academic Intrnshp: Gen'l Dance - *You may take up to 1.0 credit hours* 1.0v By approval only

**Requirement 7.3 — Complete 12 hours**

DANCE476 Sec Student Teaching in Dance - Sec Student Teaching in Dance - *You may take up to 12.0 credit hours* 12.0

## 663940 - Contemporary Dance (Minor)

DANCE180 Social Dance, Beginning - Social Dance, Beginning 1.0

DANCE181 Cntry Wstrn Soc Dance, Beg - Cntry Wstrn Soc Dance, Beg 1.0

DANCE184 Ballroom Dnc, Intl Beginning - Ballroom Dnc, Intl Beginning 1.0

DANCE185 Latin Dance, Intl Beginning - Latin Dance, Intl Beginning 1.0

DANCE192 Character Dance - Character Dance 1.0

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

12029-003 - Missing course - Cultural Dance Forms 1.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

DANCE279 Indian Dance: prct/thry, tech1 - Indian Dance: prct/thry, tech1 1.0

DANCE500R Studies in Dance - Studies in Dance - *You may take once* 0.5v

DANCE500R Workshop in Ballet - Workshop in Ballet - *You may take once* 0.5v

DANCE500R Workshop in Ballroom - Workshop in Ballroom - *You may take once* 0.5v

**Recommended Courses are not required to complete the program**

*The following class is strongly recommended:*

DANCE317 Adv Writing for Dance - Adv Writing for Dance 3.0

## 663942 - Ballroom Dance (Minor)

## Program Information

| Program Title | Degree |
|---|---|
| Contemporary Dance | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15.5 | 18 |

**Free Form Requirements**

**Requirement 1 — Complete 2 hours**

*Before being accepted into the minor, a student must complete with a grade of B- or better.*

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take once* 2.0

*The Dance Department requires a minimum of 10.5 hours to be completed in residency at BYU for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 2 — Complete 2 Courses**

*Core courses:*

DANCE260 Introduction to Dance - Introduction to Dance 3.0

**Requirement 3 — Complete 4 Courses**

*Note: Dance 362 must be a contemporary dance section.*

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

DANCE244R Beginning Creative Processes - Std Wrkshp Improv & Choreog - *You may take once* 1.0

DANCE362 Cont Mdrn Dnce Choreo Interm - Cont Mdrn Dnce Choreo Interm 2.0

DANCE363R Dance Improvisation, Interm - Dance Improvisation, Interm - *You may take once* 1.0

**Requirement 4 — Complete 3 of 11 Courses**

*Note: R-suffix courses may not be taken more than once for minor credit.*

DANCE264 Music for Dancers - Music for Dancers 2.0

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 *2*.5v

DANCE343 Principles of Somatics - Principles of Somatics 2.0

DANCE348R Kinnect - Kinnect - *2*.0v

DANCE351 Laban Movement Analysis - Laban Movement Analysis 2.0

DANCE358 Dance and Film - Dance and Film 2.0

DANCE365 Creative Dance Elementary Edu - Creative Dance Elementary Edu 2.0

DANCE366 Tchg Mthds of Mdrn & Cont Dnce - Tchg Mthds of Mdrn & Cont Dnce 2.0

DANCE367 MthdsTchg Chld Creative Dance - MthdsTchg Chld Creative Dance 2.0

DANCE368R DancEnsemble - DancEnsemble - *2*.0v

DANCE462R Choreo, Adv - Choreo, Adv 2.0

DANCE468R Contemporary Dance Theatre - Contemporary Dance

## Program Information

| Program Title | Degree |
|---|---|
| Ballroom Dance | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 15 |

**Free Form Requirements**

*The Dance Department requires a minimum of 10 hours to be completed in residency at BYU for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 — Complete 2 Requirements**

**Requirement 1.1 — Complete 1 Course**

DANCE260 Introduction to Dance - Introduction to Dance 3.0

**Requirement 1.2 — Complete 1 of 2 Courses**

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE380R Social Dance, Advanced - Social Dance, Advanced - *You may take once* 1.0

**Requirement 2 — Complete 2 Requirements**

**Requirement 2.1 — Complete 1 of 3 Courses**

*Complete one of the following with a grade of B- or better.* DANCE 284 - Ballroom Dnce, Intl Tech 1 1.0

DANCE382R Ballroom Dnce, Intl Tech 2 - Ballroom Dnce, Intl Tech 2 - *You may take once* 1.0

DANCE384R Ballroom Dnc, Intl Tech 3 - Ballroom Dnc, Intl Tech 3 - *You may take once* 1.0

**Requirement 2.2 — Complete 1 of 3 Courses**

*Complete one of the following with a grade of B- or better.*

DANCE285 Latin Dance, Intl Tech 1 - Latin Dance, Intl Tech 1 1.0

DANCE383R Latin Dance, Intl Tech 2 - Latin Dance, Intl Tech 2 - *You may take once* 1.0

DANCE385R Latin Dance, Intl Tech 3 - Latin Dance, Intl Tech 3 - *You may take once* 1.0

**Requirement 3 — Complete 1 of 3 Courses**

DANCE386 Methods of Tchg Social Dance - Methods of Tchg Social Dance 2.0

DANCE486 Theory & Not of Intl Ballroom - Theory & Not of Intl Ballroom 2.0

DANCE487 Theory & Not of Intl Latin Dnc - Theory & Not of Intl Latin Dnc 2.0

**Requirement 4 — Complete 1 Requirement**

**Requirement 4.1 — Complete 5 hours**

DANCE380R Social Dance, Advanced - Social Dance, Advanced - *You may take up to 2.0 credit hours* 1.0

DANCE382R Ballroom Dnce, Intl Tech 2 - Ballroom Dnce, Intl Tech 2 - *You may take up to 2.0 credit hours* 1.0

DANCE383R Latin Dance, Intl Tech 2 - Latin Dance, Intl Tech 2 - *You may take up to 2.0 credit hours* 1.0

Theatre *3*.0

DANCE384R Ballroom Dnc, Intl Tech 3 - Ballroom Dnc, Intl Tech 3 - *You may take up to 2.0 credit hours* 1.0

DANCE385R Latin Dance, Intl Tech 3 - Latin Dance, Intl Tech 3 - *You may take up to 2.0 credit hours* 1.0

DANCE480R Social Dance, Technique 3 - Social Dance, Technique 3 - *You may take up to 2.0 credit hours* 1.0

DANCE484R Ballroom Dnc, Intl Tech 4 - Ballroom Dnc, Intl Tech 4 - *You may take up to 2.0 credit hours* 1.0

DANCE485R Latin Dance, Intl Tech 4 - Latin Dance, Intl Tech 4 - *You may take up to 2.0 credit hours* 1.0

Note: No more than 3 hours may be completed from each of the listed R technique courses.

**Requirement 5 — Complete 2 hours**

DANCE387 Ballroom Dance Choreography - Ballroom Dance Choreography 2.0

DANCE388R Bllrm Dnc Performance Intrmd - Bllrm Dnc Performance Intrmd - *You may take up to 2.0 credit hours* 1.0

DANCE399R Academic Intrnshp: Gen'l Dance - Academic Intrnshp: Gen'l Dance - *You may take once* 0.5v

DANCE488R Ballroom Dance Performance Co - Ballroom Dance Performance Co - *You may take up to 3.0 credit hours* 2.0

## 663943 - Ballet (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Ballet | MIN |
| Variable Credit Min | Variable Credit Max |
| 15.5 | 15.5 |

Free Form Requirements

*A minimum of 8 credit hours must be completed in residency at BYU for this minor program.*

**Requirement 1 — Complete 5 hours**

DANCE396 Methods of Teaching Ballet- Methods of Teaching Ballet 2.0

DANCE397R Ballet Choreography - Ballet Choreography - *You may take once* 2.0

DANCE495R Pas de Deux - Pas de Deux - *You may take once* 1.0

**Requirement 2 — Complete 2 hours**

DANCE398R Theatre Ballet Studio Company - Ballet Showcase Company- *You may take once* 2.0

DANCE498R Theatre Ballet - Theatre Ballet- *You may take once* 2.0

**Requirement 3 — Complete 1 hour**

DANCE234 Pilates - Pilates 1.0v

DANCE294R Ballet Technique, Men - Ballet Technique, Men - *You may take once* 1.5

DANCE392R Ballet Pointe 1 - Ballet Pointe 1 - *You may take once* 0.5

DANCE494R Ballet Pointe/Variations - Ballet Pointe/Variations - *You may take 2 times* 0.5

**Requirement 4 — Complete 7.5 hours**

DANCE291R Ballet Technique 2 - Ballet Technique 2 - *You may take 3 times* 2.5

DANCE390R Ballet Technique 3- Ballet Technique 3 - *You may take 3 times* 1.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 - *You may take 3 times* 3.0

DANCE490R Ballet Technique 5 - Ballet Technique 5 - *You may take 3 times* 3.0

*Note: A higher-level technique course may substitute for a lower level course with department approval.*

## 664503 - Global and Community Impact (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Global and Community Impact | MIN |
| Variable Credit Min | Variable Credit Max |
| 19 | 21 |

Free Form Requirements

**Requirement 1 — Complete 5 Courses**

MSB375 Social Impact - Social Impact 3.0

MSB376 Social Impact: Leveraging Orgs - Social Impact: Leveraging Orgs 3.0

MSB377 Design Thinking- Social Impact - Design Thinking- Social Impact 3.0

MSB378 Evaluating Social Impact - Evaluating Social Impact 3.0

MSB381R Social Impact Lectures - Social Impact Lectures - *You may take once* 1.0

**Requirement 2 — Complete 1 of 5 Courses**

MSB471R Social Venture Academy - Social Venture Academy - *You may take once* 2.0v

MSB472R Ballard Brief - Ballard Brief - *You may take once* 2.0

MSB474R Creating Virtuous Orgs - Creating Virtuous Orgs - *You may take once* 3.0

MSB475R GoodMeasure - GoodMeasure - *You may take once* 3.0

MSB492R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

**Requirement 3 — Complete 1 of 11 Courses**

EDLF362 Intro International Dev Ed - Intro International Dev Ed 3.0

EDLF363 Ed, Poverty & Community Dev - Ed, Poverty & Community Dev 3.0

HLTH480 International Health - International Health 3.0

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

MSB481 Advanced Social Impact - Advanced Social Impact 2.0

MSB482 Impact Investing - Impact Investing 3.0

MSB483 Advanced Impact Investing - Advanced Impactc Investing 3.0

MSB484 Corporate Social Impact - Corporate Social Impact 3.0

MSB491R Topics in Social Impact - Topics in Social Impact - *You may take once* 1.0v

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

TMA469 Theatre Management - Theatre Management 3.0

## 664521 - Experience Design and Management (BS) *

## 690128 - Physical Science Education (BS)

## Program Information

| Program Title | Degree |
|---|---|
| Experience Design and Management | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 64 | 64 |

**Major Academic Plan**

MAPS - BS in Experience Design and Management 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Foundational Knowledge - Nature and Scope of Industry | Based on COAPRT accreditation guidelines students graduating from the experience design and management program shall demonstrate entry-level knowledge of the nature and scope of the experience based professions. |

| Title | Learning Outcome |
|---|---|
| Foundational Knowledge - Professional Techniques & Processes | Based on COAPRT accreditation guidelines students graduating from the program shall demonstrate the following entry-level knowledge: b) techniques and processes used by professionals and workers in the experience based professions. |

| Title | Learning Outcome |
|---|---|
| Foundational Knowledge - History | Science Philosophy Based on COAPRT accreditation guidelines students graduating from the program shall demonstrate the following entry-level knowledge: c) the foundation of the profession in history science and philosophy. |

| Title | Learning Outcome |
|---|---|
| Experience Delivery Embracing Personal & Cultural Diversity | Based on COAPRT accreditation guidelines students graduating from the program shall demonstrate the ability to design implement and evaluate services that facilitate targeted human experiences and that embrace personal and cultural dimensions of diversity. |

| Title | Learning Outcome |
|---|---|
| Management of Experience | Based on COAPRT accreditation guidelines students graduating from the program shall demonstrate entry-level knowledge about operations and strategic management/administration in |

## Program Information

| Program Title | Degree |
|---|---|
| Physical Science Education | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 80.5 | 81.5 |

**Major Academic Plan**

MAP - BS in Physical Science Education 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Physical Science Fundamentals | Students will obtain a broad basic knowledge of physical sciences. |

| Title | Learning Outcome |
|---|---|
| Instruction Design and Development | Students will be able to design individual lectures reflecting the curriculum and informed by best practices in pedagogy and technology. |

| Title | Learning Outcome |
|---|---|
| Utah Teacher and TEAC Standards | Students understand and apply the goals and standards of the Utah Teacher and TEAC. |

| Title | Learning Outcome |
|---|---|
| Professional and Moral Practice | Students understand and apply the Guiding Principles of Teaching as embraced by the McKay School of Education. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 —Complete 17 Courses**

*Note for Geol 210: Contact Geological Sciences Department (S-389 ESC) before April 15th for dates of upcoming August field trip.*

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

| | |
|---|---|
| Management of Experience Based Professions | management/administration in the experience based professions. |

| Title | Learning Outcome |
|---|---|
| Internship - Potential to Succeed as Professionals | Based on COAPRT accreditation guidelines students graduating from the program shall demonstrate through a comprehensive internship of not less than 400 clock hours and no fewer than 10 weeks the potential to succeed as professionals at supervisory or higher levels in the experience based professions. |

**Free Form Requirements**

*Students are advised to take STAT 121 to fulfill their Languages of Learning general education requirement.*

**Requirement 1 —Complete 3 Courses**

*Complete the following prerequisite management courses:*

ACC200 Principles of Accounting - Principles of Accounting 3.0

EXDM300 Creating a Good Life - Creating a Good Life 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

*Apply and be formally accepted into the program.*

**Requirement 2 —Complete 2 Requirements**

*Complete the following Experience Design and Management Core courses:*

**Requirement 2.1 —Complete 8 Courses**

EXDM418 Designing for Inc & Belonging - Div, Equ, & Incl in ExDM 3.0

EXDM404 Experience Design - Experience Design 3.0

EXDM405 ExDM Theories & Frameworks - ExDM Theories & Frameworks 3.0

EXDM415 Experience-Centric Management - Experience-Centric Management 3.0

EXDM416 Experiential Marketing - Experiential Marketing 3.0

EXDM422 Experience Needfinding - Experience Needfinding 3.0

EXDM423 Experience Insights - Experience Insights 3.0

EXDM495 Professional Preparation - Professional Preparation 1.5

**Requirement 2.2 —Complete 1.5 hours**

EXDM496R Senior Internship - Senior Internship - *You may take up to 1.5 credit hours* 0.5v

**Requirement 3 —Complete 10 Courses**

*Complete the following Business Core courses:*

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM 305 - Intro Global Supply Chain Mgt 1.5

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

CHEM 223 - Quant & Qual Analy 4.0

CHEM331 Guided Learn Chem Instruction - Guided Learn Chem Instruction 3.0

GEOL111 Physical Geology - Physical Geology 4.0

GEOL112 Historical Geology - Historical Geology 4.0

GEOL210 Field Studies - Field Studies 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

PHSCS310 Physics By Inquiry: Mechanics - Physics By Inquiry: Mechanics 3.0

**Requirement 2 —Complete 1 of 5 Courses**

GEOL100 Dinosaurs - Dinosaurs 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL480 Paleontology - Paleontology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

**Requirement 3 —Complete 2 Requirements**

*Professional Education Component:*

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the exit interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 3.1 —Complete 9 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 Ed Tec 2 - Integrating K-12 Ed Tec 2 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

PHY S276 Exploration of Teaching - Exploration of Teaching 4.0

GSCM 310 - GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MSB390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

**Requirement 4 —Complete 6 hours**

EXDM302 Hospitality Management - Hospitality Management 3.0

EXDM303 Intro to Sports Management - Intro to Sports Management 3.0

EXDM306 Festivals and Events - Festivals and Events 3.0

EXDM307 Sport & Entrtnmnt Venue Mngmnt - Sport & Entrtnmnt Venue Mngmnt 3.0

EXDM311 Positive Psychology in ExDM - Positive Psychology in ExDM 3.0

EXDM430 Opportunities in Exp. Econ. - Opportunities in Exp. Econ. 1.5

EXDM431 Customer Experience Management - Customer Experience Management 1.5

EXDM490R Topics in EXDM - Topics in EXDM - *You may take once* 0.5v

EXDM494R Experience Design Lab - Experience Design Lab - *You may take once* 3.0

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete the Senior Exit Survey.

**Recommended Courses are not required to complete the program**

*Recommended Courses:*

STAT121 Principles of Statistics - Principles of Statistics 3.0

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

PHY S378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Note: FBI fingerprint and background clearance must be completed prior to enrollment in Phy S 276.

**Requirement 3.2 —Complete 12 hours**

*Apply for student teaching/internship one semester in advance by September 30 or January 31st. Applications are online at www.byu.edu/fieldservices.html.*

PHY S476 Secondary Student Teaching - Secondary Student Teaching 0.0v

PHY S496 Acad Intern: Secondary Ed - Acad Intern: Secondary Ed 0.0v

Student teachers/interns must complete all required EPP assessments and paperwork in the Educator system.

## 692801 - Chemistry (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Chemistry | MIN |
| Variable Credit Min | Variable Credit Max |
| 20.5 | 21.5 |

Free Form Requirements

**Requirement 1 — Complete 1 of 2 Options**

**Option 1.1 — Complete 3 Courses**

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

## 692802 - Chemistry Education (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Chemistry Education | MIN |
| Variable Credit Min | Variable Credit Max |
| 28.5 | 30.5 |

Free Form Requirements

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools with a level 2 chemistry endorsement. A teaching minor may only be*

**Option 1.2 — Complete 3 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

**Requirement 2 — Complete 2 of 8 Courses**

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM467 Physical Chemistry - Engineers - Physical Chemistry - Engineers 3.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM481 Biochemistry - Biochemistry 3.0

**Requirement 3 — Complete 1 Course**

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

**Requirement 4 — Complete 2 hours**

*NOTE: Chem 353 may be taken for 1 or 2 credits.*

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 1.0v

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

**Requirement 5 — Complete 1 of 2 Courses**

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

*Note: When all of the chemistry credit required for a minor is transferred from another school, at least one course in chemistry must be taken at BYU with a grade of C or better - or the student may request to take a standardized national exam covering advanced material required for the minor. Chemistry programs at some schools have been evaluated, and their credit is acceptable for the minor.*

*received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 1 of 2 Options**

**Option 1.1 — Complete 3 Courses**

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

**Option 1.2 — Complete 3 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

**Requirement 2 — Complete 2 Courses**

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

**Requirement 3 — Complete 3 of 10 Courses**

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

CHEM381M Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM467 Physical Chemistry - Engineers - Physical Chemistry - Engineers 3.0

CHEM 481M - Biochemistry - Majors 3.0

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

**Requirement 4 — Complete 1 Course**

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

**Requirement 5 — Complete 1 Course**

CHEM477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

*Note: When all of the chemistry credit required for a minor is transferred from another school, at least one course in chemistry must be taken at BYU with a grade of C or better -- or the student may request to take a standardized national exam covering advanced material required for the minor. Chemistry programs at some schools have been evaluated, and their credit is acceptable for the minor.*

## 692821 - Chemistry (BS)

### Program Information

**Program Title**
Chemistry

**Degree**
BS

**Variable Credit Min**
76

**Variable Credit Max**
76

**Major Academic Plan**
MAP - BS in Chemistry 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Chemistry Fundamentals | Program graduates will have demonstrated a mastery of core concepts and principles in the five chemistry sub-disciplines: analytical chemistry biochemistry inorganic chemistry organic chemistry and physical chemistry. |
| Laboratory Procedures and Practice | Program graduates will be able to perform basic laboratory procedures used in inorganic and small molecule analysis organic synthesis physical chemistry and instrumental analysis including good standard lab practices and accurate record keeping. They will also be able to design effective experiments critically analyze data and be able carry out an independent project in a laboratory setting. |
| Research | Program graduates who choose the reserach option will be able to draw on classroom knowledge and laboratory classes to make an individual contribution in a research laboratory. |
| | Program graduates will be able to effectively communicate ideas |

## 692826 - Biochemistry (BS)

### Program Information

**Program Title**
Biochemistry

**Degree**
BS

**Variable Credit Min**
77

**Variable Credit Max**
77

**Major Academic Plan**
MAP - BS in Biochemistry 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Chemistry and Biochemistry Fundamentals | Program graduates will have demonstrated a mastery of core concepts and principles in the five chemistry sub-disciplines: analytical chemistry biochemistry inorganic chemistry organic chemistry and physical chemistry. They will demonstrate an indepth mastery of biochemistry. |
| Laboratory Procedures and Practice | Program graduates will be able to perform basic laboratory procedures used in inorganic and small molecule analysis organic synthesis and the protein and nucleic acids biochemistry laboratory classes including good standard lab practices and accurate record keeping. They will also be able to design effective experiments and critically analyze data. |
| Research | Program graduates will be able to draw on classroom knowledge and laboratory classes to make an individual contribution in a research laboratory. |
| | Program graduates will be able to effectively communicate ideas |

| Title | Learning Outcome |
| --- | --- |
| Effective Communication | to effectively communicate ideas and experimental results in a variety of formats including written and oral reports and technical graphics. They will also be able to search read and understand technical literature in the chemical sciences related to their area of interest. |

| Title | Learning Outcome |
| --- | --- |
| Career Research and Preparation | Students approaching the end of their course of study will be able to make informed choices among post-graduate opportunities for work or further education. |

Free Form Requirements

**Requirement 1 — Complete 19 Courses**

*Note: With department approval, Chem 105 may substitute for Chem 111; and Chem 106 for Chem 112; and Chem 107 for Chem 113. Math 314 may substitute for Chem 460. Note: 2 credit hours of Chem 354 are required.*

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 2.0

CHEM381M Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM495 Senior Seminar - Senior Seminar 1.0

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory 2.0

CHEM594R General Seminar - General Seminar - *You may take once* 0.5

| Title | Learning Outcome |
| --- | --- |
| Effective Communication | to effectively communicate ideas and experimental results in a variety of formats including written and oral reports and technical graphics. They will also be able to search read and understand technical literature in the chemical sciences related to their area of interest. |

| Title | Learning Outcome |
| --- | --- |
| Career Research and Preparation | Students approaching the end of their course of study will be able to make informed choices among post-graduate opportunities for work or further education. |

Free Form Requirements

**Requirement 1 — Complete 18 Courses**

*Note: With department approval Chem 105 may substitute for Chem 111; and Chem 106 for Chem 112; and Chem 107 for Chem 113. Note: Only 1 credit hour of Chem 354 is required; completion of 2 credit hours will satisfy the requirement for Chem 354 and 1 credit hour of electives under Requirement 4.*

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2- Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

CHEM201 Chem Handling & Safe Lab Prac- Chem Handling & Safe Lab Prac 0.5

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM381M Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM495 Senior Seminar - Senior Seminar 1.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CHEM594R General Seminar- General Seminar - *You may take up to 0.5 credit hours* 0.5

**Requirement 2 — Complete 1 hour**

**Requirement 2 — Complete 6 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

**Requirement 3 — Complete 1 of 2 Options**

*Complete one of the following advanced options:*

**Option 3.1 — Complete 1 Course**

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

**Option 3.2 — Complete 2 Courses**

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

**Requirement 4 — Complete 12.0 hours**

*After consulting with an advisor, complete 12 hours from the following. NOTE: Only one of Bio 130 or CELL 120 can be applied to this requirement. NOTE: With approval, certain other 300-level and above courses in the allied fields of physics, statistics, engineering, and biology may be taken to satisfy this requirement. NOTE: Any course not taken to satisfy Requirement 3 can be taken to satisfy Requirement 4.*

BIO130 Biology - Biology 4.0

CELL120 Science of Biology - Science of Biology 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM397R Mentored Outreach Svc Learning - Mentored Outreach Svc Learning - *You may take up to 3.0 credit hours* 0.5v

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

CHEM498R Capstone Experience - Capstone Experience - *You may take up to 3.0 credit hours* 0.5v

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

CHEM552 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM555 Organic Spectroscopic Ident - Organic Spectroscopic Ident

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 1.0

**Requirement 3 — Complete 5 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS220 Intro Electricity & Magnetism- Intro Electricity & Magnetism 3.0

PWS340 Genetics - Genetics 3.0

**Requirement 4 — Complete 1 of 2 Options**

**Option 4.1 — Complete 1 Course**

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

**Option 4.2 — Complete 2 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

**Requirement 5 — Complete 1 of 5 Courses**

CELL360 Cell Biology- Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

MMBIO463 Immunology- Immunology 3.0

MMBIO465 Virology - Virology 3.0

MMBIO368 Genomics - Genomics 3.0

**Requirement 6 — Complete 10 hours**

*After consulting with an advisor, complete 10 hours from the following. NOTE: Only one of Bio 130 or CELL 120 can be applied to this requirement. NOTE: Chem 355 cannot be taken if Chem 354 was taken for 2 credit hours. NOTE: With prior approval, many 300-level and above courses in biology, integrative biology, microbiology and molecular biology, and physiology and developmental biology will fill this requirement.*

BIO130 Biology - Biology 4.0

CELL120 Science of Biology - Science of Biology 3.0

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM397R Mentored Outreach Svc Learning - Mentored Outreach Svc Learning - *You may take once* 0.5v

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy - *You may take up to 4.0 credit hours* 4.0

CHEM460 Math for Physical Chemistry- Math for Physical Chemistry 1.0

CHEM496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

CHEM498R Capstone Experience - Capstone Experience - *You may take up to 3.0 credit hours* 0.5v

CHEM514 Inorganic Chemistry - Inorganic Chemistry - *You may take up to 4.0 credit hours* 3.0

CHEM353 Organic Spectroscopic Identif - Organic Spectroscopic Identif 2.0

CHEM563 Reaction Kinetics - Reaction Kinetics 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy 3.0

CHEM 581 - Biochemistry - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CHEM596R Special Topics in Chemistry - Special Topics in Chemistry - *You may take up to 3.0 credit hours* 0.5v

HONRS499R Honors Thesis - Honors Thesis - *You may take up to 3.0 credit hours* 0.5v

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, and Thermo 3.0

**Recommended Courses are not required to complete the program**

*Recommended Courses: Phscs 225; Stat 201.*

*Note: Elective courses, beyond the requirements above, should be selected in consultation with an advisor. The following should be given consideration: advanced chemistry, foreign languages (especially French, German, Japanese, and Russian), biological sciences, computer science, engineering, mathematics, physics, statistics.*

*up to 4.0 credit hours* 3.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory - *You may take up to 4.0 credit hours* 2.0

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture - *You may take up to 4.0 credit hours* 2.0

CHEM523 Instrumental Analysis Lab- Instrumental Analysis Lab - *You may take up to 4.0 credit hours* 2.0

CHEM552 Advanced Organic Chemistry- Advanced Organic Chemistry - *You may take up to 4.0 credit hours* 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry - *You may take up to 4.0 credit hours* 3.0

CHEM563 Reaction Kinetics - Reaction Kinetics - *You may take up to 4.0 credit hours* 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry - *You may take up to 4.0 credit hours* 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics - *You may take up to 4.0 credit hours* 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy - *You may take up to 4.0 credit hours* 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 - *You may take up to 4.0 credit hours* 3.0

CHEM 581 - Biochemistry - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 - *You may take up to 4.0 credit hours* 3.0

CHEM596R Special Topics in Chemistry - Special Topics in Chemistry - *You may take up to 3.0 credit hours* 0.5v

HONRS499R Honors Thesis - Honors Thesis - *You may take up to 3.0 credit hours* 0.5v

PHSCS123 Intro to Waves, Optics, Thermo- Intro to Waves, Optics, Thermo 3.0

**Recommended Courses are not required to complete the program**

*Recommended Courses: Chem 460.*

*Note: Supporting courses suggested by most medical and dental schools are found by visiting the Preprofessional Advisement Office. The more rigorous chemistry, mathematics, and physics courses required for the chemistry majors will satisfy the minimum requirements listed there. Elective courses in biochemistry and in biological science are especially pertinent to these preprofessional programs.*

## 692827 - Chemistry (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Chemistry | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 57.5 | 57.5 |
| **Major Academic Plan** | |

## 692828 - Chemistry Education (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Chemistry Education | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 83.5 | 83.5 |
| **Major Academic Plan** | |

MAP - BA in Chemistry 2023-2024.pdf

| | |
|---|---|
| **Title**<br>Research | **Learning Outcome**<br>Program graduates who choose the research option will be able to draw on classroom knowledge and laboratory classes to make an individual contribution in a research laboratory. |
| **Title**<br>Laboratory Procedures and Practice | **Learning Outcome**<br>Program graduates will be able to perform basic laboratory procedures used in inorganic and small molecule analysis, organic synthesis, physical chemistry, and instrumental analysis, including good standard lab practices and accurate record keeping. They will also be able to design effective experiments, critically analyze data, and be able carry out an independent project in a laboratory setting. |
| **Title**<br>Chemistry Fundamentals | **Learning Outcome**<br>Program graduates will have demonstrated a mastery of core concepts and principles in the five chemistry sub-disciplines: analytical chemistry biochemistry inorganic chemistry organic chemistry and physical chemistry. |
| **Title**<br>Effective Communication | **Learning Outcome**<br>Program graduates will be able to effectively communicate ideas and experimental results in a variety of formats including written and oral reports and technical graphics. They will also be able to search read and understand technical literature in the chemical sciences related to their area of interest. |
| **Title**<br>Career Research and Preparation | **Learning Outcome**<br>Students approaching the end of their course of study will be able to make informed choices among post-graduate opportunities for work or further education. |

**Free Form Requirements**

*No more than 3 hours of D credit is allowed in major courses.*

**Requirement 1 — Complete 9 Courses**

MAP - BS in Chemistry Education 2023-2024.pdf

| | |
|---|---|
| **Title**<br>Chemistry Fundamentals | **Learning Outcome**<br>Program graduates will have demonstrate a solid conceptual understanding of the structure and reactivity of matter and will firmly grasp the key ideas and practices in analytical organic and physical chemistry. |
| **Title**<br>Laboratory Procedures and Practice | **Learning Outcome**<br>Program graduates will be able to perform basic laboratory procedures used in inorganic and small molecule analysis and organic synthesis including good standard lab practices and accurate record keeping. They will also be able to design effective experiments and critically analyze data. |
| **Title**<br>Professional Ethics | **Learning Outcome**<br>Program graduates will understand professional and scientific ethics. They will apply the Moral Dimensions of Teaching embraced by the McKay School of Education. |
| **Title**<br>Career Preparation | **Learning Outcome**<br>Graduates will be prepared to be effective educators at the secondary level and be able to effectively communicate the range of career opportunities in the chemical sciences open to their students. |
| | **Learning Outcome**<br>Program graduates will be able to search read and understand technical literature related to chemistry and chemistry education and effectively communicate chemical ideas orally graphically and in writing to both scientific and lay audiences. Program graduates will be able to design three-dimensional science instruction that supports student learning of disciplinary core ideas scientific practices and crosscutting concepts implement student-centered pedagogies to engage students from diverse cultural backgrounds create meaningful |

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM495 Senior Seminar - Senior Seminar 1.0

*Note: With departmental approval, Chem 105 may substitute for Chem 111, and Chem 106 for Chem 112; and Chem 107 for Chem 113.*

**Requirement 2 — Complete 1 of 3 Options**

**Option 2.1 — Complete 6 Courses**

*Note: Only 1 credit hour of Chem 354 is required; completion of 2 credit hours will satisfy the requirement for Chem 354 and 1 credit hour of electives under Requirement 4.*

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 1.0v

CHEM381M Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

**Option 2.2 — Complete 7 Courses**

*Note: Only 1 credit hour of Chem 354 is required; completion of 2 credit hours will satisfy the requirement for Chem 354 and 1 credit hour of electives under Requirement 4.*

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 1.0v

CHEM381M Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

**Option 2.3 — Complete 8 Courses**

*Note: 2 credit hours of Chem 354 are required. Note: Math 314 may substitute for Chem 460.*

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 1.0v

| Title | assessments and modify instruction based on student learning data. |
|---|---|
| Communication, Pedagogy and Classroom Management | |

| | Learning Outcome |
|---|---|
| Title | Program graduates who choose the research option will be able to draw on classroom knowledge and laboratory classes to make an individual contribution in a research laboratory. |
| Research | |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*Contact Education Student Services for entrance requirements into the licensure program.*

*A teaching minor is not required for licensure. However, it is strongly recommended.*

**Requirement 1 — Complete 8 Courses**

*Note: With department approval Chem 105 may substitute for Chem 111; and Chem 106 for Chem 112; and Chem 107 for Chem 113.*

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM331 Guided Learn Chem Instruction - Guided Learn Chem Instruction 3.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM495 Senior Seminar - Senior Seminar 1.0

**Requirement 2 — Complete 1 of 2 Courses**

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 1.0v

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

**Requirement 3 — Complete 4 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

**Requirement 4 — Complete 6 hours**

*After consulting with an advisor, complete 6 hours from the following. NOTE: Courses used for Requirement 2 cannot also be applied to Requirement 4. Chem 355 cannot be taken if Chem 354 was taken for 2 credit hours.*

CELL360 Cell Biology - Cell Biology 3.0

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM381M Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM397R Mentored Outreach Svc Learning - Mentored Outreach Svc Learning - *You may take once* 0.5v

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

CHEM498R Capstone Experience - Capstone Experience - *You may take up to 3.0 credit hours* 0.5v

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

**Requirement 3 — Complete 4 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

**Requirement 4 — Complete 9 hours**

*Note: Chem 354 may be taken for either 1 or 2 credit hours.*

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 1.0v

CHEM381M Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM397R Mentored Outreach Svc Learning - Mentored Outreach Svc Learning - *You may take up to 3.0 credit hours* 0.5v

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM498R Capstone Experience - Capstone Experience - *You may take up to 3.0 credit hours* 0.5v

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

HONRS499R Honors Thesis - Honors Thesis - *You may take up to 3.0 credit hours* 0.5v

**Requirement 5 — Complete 6 hours**

*Only ONE of Geol 101 or 111 can be applied to this requirement. Only ONE of Bio 100, Bio 130, CELL 120, or PWS 150 can be applied to this requirement. With approval, certain other courses in physics, geology, mathematics, and biology may be taken to satisfy this requirement. Note: Any course not taken to satisfy Requirement 4 can be taken to satisfy Requirement 5.*

BIO100 Principles of Biology - Principles of Biology 3.0

BIO130 Biology - Biology 4.0

CELL120 Science of Biology - Science of Biology 3.0

GEOL101 Introduction to Geology - Introduction to Geology 3.0

GEOL111 Physical Geology - Physical Geology 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory 2.0

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

CHEM552 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM563 Reaction Kinetics - Reaction Kinetics 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CHEM594R General Seminar - General Seminar - *You may take up to 0.5 credit hours* 0.5

CHEM596R Special Topics in Chemistry - Special Topics in Chemistry - *You may take up to 3.0 credit hours* 0.5v

HONRS499R Honors Thesis - Honors Thesis - *You may take up to 3.0 credit hours* 0.5v

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

*Note 1: Elective courses must be different from required courses.*

*Note 2: With prior approval, certain 300-level and above courses in biology, engineering, physics, and statistics may be taken to satisfy Requirement 4.*

**Recommended Courses are not required to complete the program**

*Recommended Courses: Math 213 and 215; Chem 460; Phscs 225.*

*Note: Supporting courses suggested by most medical and dental schools are found by visiting the Preprofessional Advisement Center (ppa.byu.edu). The more rigorous chemistry, mathematics, and physics courses required for the chemistry majors will satisfy the minimum requirements listed there. Elective courses in biochemistry and in biological science are especially pertinent to these preprofessional programs.*

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

PWS150 Environmental Biology - Environmental Biology 3.0

**Requirement 6 — Complete 2 Requirements**

*Professional Education Component. Complete both 6.1 and 6.2.*

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 6.1 — Complete 9 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 Ed Tec 2 - Integrating K-12 Ed Tec 2 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

PHY S276 Exploration of Teaching - Exploration of Teaching 4.0

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

PHY S378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Note: FBI fingerprint and background clearance must be completed before enrollment into Phy S 276.

**Requirement 6.2 — Complete 12 hours**

PHY S476 Secondary Student Teaching - Secondary Student Teaching 0.0v

PHY S496 Acad Intern: Secondary Ed - Acad Intern: Secondary Ed 0.0v

Student teachers/interns must complete three forms in their Educator accounts (PIBS, CDS, FED) and attach their TWS to the Educator account for their program. All four must be completed to be cleared for graduation.

## 693201 - Computer Science Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Computer Science Teaching Minor | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 22 | 22 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 6 Courses**

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

TES377 Tchg Mthds in Technology Educ - Tchg Mthds in Technology Educ 2.0

**Requirement 2 — Complete 1 Course**

C S477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

*FBI fingerprinting and background clearance must be completed.*

## 693202 - Computer Science (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Computer Science Minor | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 20 | 21 |

| | |
|---|---|
| **Title**<br>Computational Practice | **Learning Outcome**<br>Students will design and implement significant computer programs using a combination of design, implementation, documentation, and testing. |

| | |
|---|---|
| **Title**<br>Computational Theory | **Learning Outcome**<br>Students will analyze problems and their algorithmic solutions using theoretical concepts. |

| | |
|---|---|
| **Title**<br>Inclusion, Diversity, Equity | **Learning Outcome**<br>Students experience a spirit of belonging and have access to the resources they need to succeed. All students are welcome, including those traditionally underrepresented in CS programs and those new to programming. |

**Free Form Requirements**

*Grades below C- are not allowed in minor courses.*

**Requirement 1 — Complete 4 Courses**

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

**Requirement 2 — Complete 6 hours**

*Complete a total of 2 courses (6.0 credit hours) from the following groups.*

**Option 2.1 — Complete at least 3 hours up to 6 hours**

*Complete 1-2 elective courses (3-6 credit hours) from the following list:*

C S180 Intro to Data Science - Intro to Data Science 3.0

C S201R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S252 Intro to Computational Theory - Intro to Computational Theory 3.0

C S256 Introduction to HCI - Introduction to HCI 3.0

C S260 Web Programming - Web Programming 3.0

C S301R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming 3.0

C S329 Test, Analysis, & Verification - Test, Analysis, & Verification 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Adv Algorithms & Probl Solving - Adv Algorithms & Probl Solving 3.0

C S401R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S486 Verification and Validation - Verification and Validation 3.0

Note: If C S 201R, C S 301$, or C S 401R is chosen, it must be taken for

three credit hours.

**Option 2.2 — Complete 1 of 2 Courses**

C S224 Computer Systems - Computer Systems 3.0

EC EN224 Introduction to Computer Sys - Introduction to Computer Sys 4.0

## 693220 - Computer Science (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Computer Science | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 74 | 75 |

**Major Academic Plan**

MAP - BS in Computer Science 2023-2024.pdf

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Students will design and implement significant computer programs that meet a human need. |
| Computational Practice: | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Students will analyze problems and their algorithmic solutions using theoretical concepts. |
| Computational Theory: | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Students will have sufficient maturity in computer science to work in a professional setting or enter a graduate program. |
| Career Preparation | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Equity and Inclusion Our program is accessible to everyone including women minorities and those new to programming and provides an equal opportunity for every student to succeed. |
| Diversity | |

**Free Form Requirements**

*Computer science majors, especially those planning graduate work, are advised to acquire a strong background in mathematics, possibly a minor.*

*Personnel in the College of Physical and Mathematical Sciences Advisement Center will advise regarding core courses and suggested general education. Questions regarding curriculum and career decisions should be directed to the undergraduate advisor in the Computer Science Department.*

*Note: All hours of credit applied toward a major in computer science must be of C- or better and must be taken within eight years of declaring the computer science major. Any exceptions must be approved by the department. Students may choose to graduate under*

## 693222 - Computer Science: Bioinformatics (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Computer Science: Bioinformatics | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 79 | 81 |

**Major Academic Plan**

MAP - BS in Computer Science Bioinformatics 2023-2024.pdf

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Students will design and implement significant computer programs that meet a human need and will develop expertise in bioinformatics. See the Computer Science BS program for general assessments shared across all emphases. |
| Computational Practice | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Students will analyze problems and their algorithmic solutions using theoretical concepts from computer science and biology.See the Computer Science BS program for general assessments shared across all emphases. |
| Computational and Biological Theory | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Students will have sufficient maturity in computer science to work in a professional setting in computer science or bioinformatics or to enter a graduate program.See the Computer Science BS program for general assessments shared across all emphases. |
| Career Preparation | |

| | |
|---|---|
| | **Learning Outcome** |
| | Our program is accessible to everyone including women minorities and those new to programming and provides an equal opportunity for every student to succeed.See the |

*approved by the department. Students may choose to graduate under later requirements by updating their date of entry into the major at the college advisement center.*

*Note: No double counting is allowed within the major.*

**Requirement 1 — Complete 11 Courses**

*Core courses:*

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S252 Intro to Computational Theory - Intro to Computational Theory 3.0

C S260 Web Programming - Web Programming 3.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming 3.0

C S340 Software Design - Software Design 3.0

C S404 Ethics & Computers in Society - Ethics & Computers in Society 2.0

**Requirement 2 — Complete 5 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 3 — Complete 1 of 3 Courses**

MATH431 Probability Theory - Probability Theory 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

**Requirement 4 — Complete 1 of 3 Courses**

MATH113 Calculus 2 - Calculus 2 4.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

**Requirement 5 — Complete 21 hours**

*Complete 21.0 hours from the following option(s)*

**Option 5.1 — Complete up to 21 hours**

*Complete 12.0 to 21.0 hours from the following course(s)*

C S329 Test, Analysis, & Verification - Test, Analysis, & Verification 3.0

| Title | |
|---|---|
| Diversity, Equity and Inclusion | Computer Science BS program for general assessments shared across all emphases. |

**Free Form Requirements**

*Personnel in the College of Physical and Mathematical Sciences Advisement Center will advise regarding core courses and suggested general education. Questions regarding curriculum and career decisions should be directed to the undergraduate advisor in the Computer Science Department.*

*Note: All hours of credit applied toward a major in computer science must be of C- or better and must be taken within eight years of declaring the computer science major. Any exceptions must be approved by the department. Students may choose to graduate under later requirements by updating their date of entry into the major at the college advisement center.*

**Requirement 1 — Complete 8 Courses**

*Computer Science core:*

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming 3.0

C S404 Ethics & Computers in Society - Ethics & Computers in Society 2.0

**Requirement 2 — Complete 7 Courses**

*Biology core:*

BIO130 Biology - Biology 4.0

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 3.0

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

BIO364 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

BIO465 Capstone in Bioinformatics - Capstone in Bioinformatics 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS340 Genetics - Genetics 3.0

**Requirement 3 — Complete 5 Courses**

*Supporting courses:*

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

WRTG316 Technical Communication - Technical Communication 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Adv Algorithms & Probl Solving - Adv Algorithms & Probl Solving 3.0

C S401R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S501R Adv Topics in Computer Sci - Adv Topics in Computer Sci - *You may take up to 3.0 credit hours* 1.0v

C S513 Robust Control - Robust Control 3.0

C S575 Intro to Network Science - Intro to Network Science 3.0

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

Note: If C S 401R or C S 501R is chosen, it must be taken for three hours.

**Option 5.2 — Complete up to 6 hours**

*Courses can not double count between requirement 4 and option 5.2*

C S180 Intro to Data Science - Intro to Data Science 3.0

C S202 Software Engineering Lab 1 - Software Engineering Lab 1 1.0

C S203 Software Engineering Lab 2 - Software Engineering Lab 2 1.0

C S204 Software Engineering Lab 3 - Software Engineering Lab 3 1.0

**Requirement 4 — Complete 1 of 2 Courses**

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

**Requirement 5 — Complete 1 of 2 Courses**

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

**Requirement 6 — Complete 12 hours**

*Courses will not double count between Requirement 5 and Requirement 6.*

**Option 6.1 — Complete at least 6 hours up to 12 hours**

*Complete up to 12 hours from the following courses*

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

C S256 Introduction to HCI - Introduction to HCI 3.0

C S260 Web Programming - Web Programming 3.0

C S329 Test, Analysis, & Verification - Test, Analysis, & Verification 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Adv Algorithms & Probl Solving - Adv Algorithms & Probl Solving 3.0

C S401R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S405 Software Business - Software Business 3.0

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S256 Introduction to HCI - Introduction to HCI 3.0

C S405 Software Business - Software Business 3.0

C S 478 - Tools for Machine Learning - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

10179-002 - Missing course - Fund of Digital Systems 3.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

**Option 5.3 — Complete up to 8 hours**

*Complete up to 8.0 hours from the following course(s)*

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

IS567 Cybersecurity & Pen Testing - Cybersecurity & Pen Testing 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

**Option 5.4 — Complete up to 9 hours**

C S480 Soft Eng Capstone 1 - Soft Eng Capstone 1 3.0

C S481 Soft Eng Capstone 2 - Soft Eng Capstone 2 3.0

C S482 Data Science Capstone 1 - Data Science Capstone 1 3.0

C S483 Data Science Capstone 2 - Data Science Capstone 2 3.0

C S493R Computing Competitions - Computing Competitions - *You may take up to 3.0 credit hours* 3.0

C S494 Capstone 1 - Capstone 1 3.0

C S495 Capstone 2 - Capstone 2 3.0

C S497R Undergraduate Research - Undergraduate Research - *You may take up to 6.0 credit hours* 3.0

C S498R Undergraduate Special Projects - Undergraduate Special Projects - *You may take up to 3.0 credit hours* 1.0v

Note: If C S 493R, C S 497R, C S 498R, or C S 501R is chosen, it must be taken for three credit hours.

**Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Senior Exit Interview with the CS department during your last semester or term.

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S 478 - Tools for Machine Learning - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S480 Soft Eng Capstone 1 - Soft Eng Capstone 1 3.0

C S481 Soft Eng Capstone 2 - Soft Eng Capstone 2 3.0

C S482 Data Science Capstone 1 - Data Science Capstone 1 3.0

C S483 Data Science Capstone 2 - Data Science Capstone 2 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S493R Computing Competitions - Computing Competitions - *You may take up to 3.0 credit hours* 3.0

C S513 Robust Control - Robust Control 3.0

C S 575 - Intro to Network Science - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

**Option 6.2 — Complete up to 6 hours**

C S497R Undergraduate Research - Undergraduate Research - *You may take up to 6.0 credit hours* 3.0

C S498R Undergraduate Special Projects - Undergraduate Special Projects - *You may take up to 3.0 credit hours* 1.0v

**Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Senior Exit Interview with the CS department during your last semester or term.

## 693223 - Computer Science: Animation and Games (BS) *

### Program Information

| Program Title | Degree |
|---|---|

## 693224 - Computer Science: Machine Learning (BS)

### Program Information

| Program Title | Degree |
|---|---|

| Computer Science: Animation and Games | BS |
|---|---|
| **Variable Credit Min** | **Variable Credit Max** |
| 77 | 81.5 |

**Major Academic Plan**

MAP - BS in Computer Science Animation and Games 2023-2024.pdf

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Computational Practice: | Students will design and implement significant computer programs that meet a human need and will develop expertise in animation. See the Computer Science BS program for general assessments shared across all emphases. |

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Computational Theory: | Students will analyze problems and their algorithmic solutions using theoretical concepts.See the Computer Science BS program for general assessments shared across all emphases. |

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Career Preparation | Students will have sufficient maturity in computer science to work in a professional setting in computer science or animation or to enter a graduate program.See the Computer Science BS program for general assessments shared across all emphases. |

**Free Form Requirements**

*Grades below C- are not allowed in major courses.*

**Requirement 1 — Complete 4 Courses**

*Prerequisite Courses:*

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

CSANM150 Intro to 3D Graphics - Intro to 3D Graphics 1.5

DESAN101 Intro to Drawing for Pre-Anim - Intro to Drawing for Pre-Anim 1.0

*Be admitted to the program.*

**Requirement 2 — Complete 8 Courses**

*Complete the following after being admitted to the program:*

C S224 Computer Systems - Computer Systems 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming 3.0

| Computer Science: Machine Learning | BS |
|---|---|
| **Variable Credit Min** | **Variable Credit Max** |
| 74 | 74 |

**Major Academic Plan**

MAP - BS in Computer Science Data Science 2023-2024.pdf

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Computational Practice: | Students will design and implement significant computer programs that meet a human need. |

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Computational Theory | Students will analyze problems and their algorithmic solutions using theoretical concepts. |

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Career Preparation | Students will have sufficient maturity in machine learning to work in a professional setting or enter a graduate program. |

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Diversity, Equity, and Inclusion | Our program is accessible to everyone, including women, minorities, and those new to programming, and provides an equal opportunity for every student to succeed. |

**Free Form Requirements**

*Grades below C- are not allowed in major courses.*

**Requirement 1 — Complete 10 Courses**

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S180 Intro to Data Science - Intro to Data Science 3.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S404 Ethics & Computers in Society - Ethics & Computers in Society 2.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

**Requirement 2 — Complete 3 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH290 Fundamentals of Mathematics- Fundamentals of Mathematics 3.0

C S324 Systems Programming - Systems Programming 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S455 Computer Graphics - Computer Graphics 3.0

CSANM250 Interm 3D Computer Graphics - Interm 3D Computer Graphics 2.0

**Requirement 3 — Complete 5 Courses**

*Supporting Courses:*

MATH112 Calculus 1 - Calculus 1 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 4 — Complete 1 of 2 Courses**

STAT121 Principles of Statistics - Principles of Statistics 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

**Requirement 5 — Complete 1 of 3 Courses**

MATH113 Calculus 2 - Calculus 2 4.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

**Requirement 6 — Complete 1 of 2 Courses**

CSANM342 Real-time Techniques - Real-time Techniques 3.0

CSANM354 Materials and Surfacing - Materials and Surfacing 3.0

**Requirement 7 — Complete 1 of 2 Courses**

C S404 Ethics & Computers in Society - Ethics & Computers in Society 2.0

DESAN460 Business & Ethics in Animation - Business & Ethics in Animation 2.0

**Requirement 8 — Complete 6 hours**

CSANM352 Animated Film Production 1 - Animated Film Production 1 - *You may take once* 3.0

CSANM450 Animated Film Production 2 - Animated Film Production 2 - *You may take once* 3.0

CSANM452 Animated Film Production 3 - Animated Film Production 3 - *You may take once* 3.0

CSANM459 Video Game Production 1 - Video Game Production 1 - *You may take once* 3.0

CSANM460 Video Game Production 2 - Video Game Production 2 - *You may take once* 3.0

**Requirement 9 — Complete 2 of 28 Courses**

MATH380 Mathematics of Data Science - Mathematics of Data Science 3.0

**Requirement 3 — Complete 2 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

**Requirement 4 — Complete 1 of 2 Courses**

STAT121 Principles of Statistics - Principles of Statistics 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

**Requirement 5 — Complete 1 of 3 Courses**

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

**Requirement 6 — Complete 1 of 2 Courses**

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

MATH522 Mathematics of Deep Learning - Methods of Applied Math 2 3.0

**Requirement 7 — Complete 2 of 4 Courses**

C S450 Computer Vision - Computer Vision 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

**Requirement 8 — Complete 6 hours**

**Option 8.1 — Complete up to 6 hours**

C S482 Data Science Capstone 1 - Data Science Capstone 1 3.0

C S483 Data Science Capstone 2 - Data Science Capstone 2 3.0

**Option 8.2 — Complete up to 6 hours**

C S497R Undergraduate Research - Undergraduate Research - *You may take twice* 3.0

If you complete this option you must take two semesters, totaling 6.0 credits

**Requirement 9 — Complete 9 hours**

*Note: Courses taken to fulfill Requirements 6 and 7 cannot double count here*

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

*Note: If C S 401R is chosen, it must be taken for three hours.*

C S252 Intro to Computational Theory - Intro to Computational Theory 3.0

C S256 Introduction to HCI - Introduction to HCI 3.0

C S260 Web Programming - Web Programming 3.0

C S329 Test, Analysis, & Verification - Test, Analysis, & Verification 3.0

C S330 Concepts of Programng Lang - Concepts of Programig Lang 3.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S356 Advanced Techniques in HCI -Advanced Techniques in HCI 3.0

C S393 Adv Algorithms & Probl Solving - Adv Algorithms & Probl Solving 3.0

C S401R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S456 Mobile and Ubiquitous HCI -Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S 478 - Tools for Machine Learning - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S486 Verification and Validation - Verification and Validation 3.0

**Requirement 10 — Complete 2 of 37 Courses**

*Courses used to fulfill Requirements 6, 8 and 9 cannot be double counted here. Note: If C S 401R, C S 498R, or C S 501R is chosen, it must be taken for three hours.*

C S401R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S471 Voice Interfaces - Voice Interfaces 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S513 Robust Control - Robust Control 3.0

C S 575 - Intro to Network Science 3.0

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

ECON378 Statistics for Economists - Statistics for Economists 3.0

LING581 Natural Lang Processing - Natural Lang Processing 3.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH413 Advanced Linear Algebra - Advanced Linear Algebra 3.0

MATH431 Probability Theory - Probability Theory 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT386 Data Science Process - Data Science Process 3.0

**Requirement 9 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Senior Exit Interview with the Computer Science department during last semester or term.

*Note: Math 112, Math 113, Phscs 121, Engl 316, and C S 312 can be used to fill both General Education and program requirements. Advanced Writing and Oral Communication: Engl 316. Quantitative Reasoning: Math 112 or 113. Languages of Learning: Math 112 or 113. Physical Science: C S 312 or Phscs 121.*

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S 466 - Blockchain Technologies - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S498R Undergraduate Special Projects - Undergraduate Special Projects - *You may take up to 3.0 credit hours* 1.0v

C S500 Business Career Essentials - Business Career Essentials 1.5

C S501R Adv Topics in Computer Sci - Adv Topics in Computer Sci - *You may take up to 3.0 credit hours* 1.0v

C S513 Robust Control - Robust Control 3.0

C S 575 - Intro to Network Science - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

CSANM210 Visual Narrative - Visual Narrative 3.0

CSANM252 Intro 3D Animation - Intro 3D Animation 3.0

CSANM258 Scripting for Animation - Scripting for Animation 3.0

CSANM340 Game Design - Game Design 2.0

CSANM342 Real-time Techniques - Real-time Techniques 3.0

CSANM353 Previsualization - Previsualization 3.0

CSANM354 Materials and Surfacing -Materials and Surfacing 3.0

CSANM355 Photography for Animation - Photography for Animation 3.0

CSANM452 Animated Film Production 3 - Senior Film Production 2 -

*You may take once* 3.0

CSANM454 Advanced Shading - Advanced Shading 3.0

CSANM458 3D Visual Effects - 3D Visual Effects 3.0

DESAN364R Digital Sculpting - Digital Sculpting - *You may take once* 3.0

EC EN425 Real-Time Operating Systems - Real-Time Operating Systems 4.0

**Requirement 11 — Complete 1 of 3 Courses**

ARTHC111 Introduction to Art History - Introduction to Art History 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

TMA294 History of Animation - History of Animation 3.0

**Requirement 12 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Senior Exit interview with the CS department during your last semester or term.

## 693225 - Computer Science: Software Engineering (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Computer Science: Software Engineering | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 74 | 76 |

**Major Academic Plan**

MAP - BS Computer Science Software Engineering 2023-2024.pdf

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Computational Practice | Students will design and implement significant computer programs using a combination of design, implementation, documentation, and testing. |

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Computational Theory | Students will analyze problems and their algorithmic solutions using theoretical concepts. |

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Diversity, Equity, and Inclusion | Students experience a spirit of belonging and have access to the resources they need to succeed. All students are welcome, including those traditionally underrepresented in CS programs and those new to programming. |

## 694003 - Geology (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Geology | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 16 |

**Free Form Requirements**

*No D credit is allowed in minor courses.*

**Requirement 1 — Complete 2 Courses**

GEOL111 Physical Geology - Physical Geology 4.0

GEOL112 Historical Geology - Historical Geology 4.0

**Requirement 2 — Complete 8 hours**

GEOL100 Dinosaurs - Dinosaurs 3.0

GEOL109 Geology of Planets - Geology of Planets 3.0

GEOL210 Field Studies - Field Studies 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL352 Petrology - Petrology 3.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL375 Structural Geology - Structural Geology 3.0

GEOL405 GeoMathematics - GeoMathematics 3.0

GEOL411 Geomorphology - Geomorphology 3.0

GEOL435 Groundwater - Groundwater 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

GEOL445 Geochemistry - Geochemistry 3.0

GEOL452 Petrography to Petrogenesis - Petrography to Petrogenesis 3.0

| Title | Learning Outcome |
| --- | --- |
| Career Preparation | Students will have sufficient maturity in computer science to work in a professional setting in computer science or software engineering or to enter a graduate program. |

**Free Form Requirements**

*Grades below C- are not allowed in major courses.*

**Requirement 1 — Complete 17 Courses**

*Core courses:*

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S202 Software Engineering Lab 1 - Software Engineering Lab 1 1.0

C S203 Software Engineering Lab 2 - Software Engineering Lab 2 1.0

C S204 Software Engineering Lab 3 - Software Engineering Lab 3 1.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S260 Web Programming - Web Programming 3.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming3.0

C S329 Test, Analysis, & Verification - Test, Analysis, & Verification3.0

C S340 Software Design - Software Design3.0

C S404 Ethics & Computers in Society - Ethics & Computers in Society2.0

C S452 Database Modeling Concepts - Database Modeling Concepts3.0

C S480 Soft Eng Capstone 1 - Soft Eng Capstone 13.0

C S481 Soft Eng Capstone 2 - Soft Eng Capstone 23.0

**Requirement 2 —Complete 4 Courses**

MATH112 Calculus 1 - Calculus 14.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics3.0

WRTG316 Technical Communication - Technical Communication3.0

**Requirement 3 — Complete 1 of 2 Courses**

STAT121 Principles of Statistics - Principles of Statistics 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

**Requirement 4 — Complete 1 of 3 Courses**

MATH113 Calculus 2 - Calculus 2 4.0

GEOL460 Economic & Resource Geology - Economic & Resource Geology 3.0

GEOL480 Paleontology - Paleontology 3.0

GEOL546 Isotope Geochemistry-Low Temp - Isotope Geochemistry-Low Temp 3.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

**Requirement 5 — Complete 2 of 11 Courses**

C S256 Introduction to HCI - Introduction to HCI 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S456 Mobile and Ubiquitous HCI -Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S486 Verification and Validation - Verification and Validation 3.0

**Requirement 6 — Complete 1 of 38 Courses**

*Courses will not double count between Requirement 5 and Requirement 6.*

C S252 Intro to Computational Theory - Intro to Computational Theory 3.0

C S256 Introduction to HCI - Introduction to HCI 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Adv Algorithms & Probl Solving - Adv Algorithms & Probl Solving 3.0

C S401R Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S405 Software Business - Software Business 3.0

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S450 Computer Vision - Computer Vision 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S 478 - Tools for Machine Learning - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S493R Computing Competitions - Computing Competitions - *You may take up to 3.0 credit hours* 3.0

C S497R Undergraduate Research - Undergraduate Research - *You may take up to 6.0 credit hours* 3.0

C S498R Undergraduate Special Projects - Undergraduate Special Projects - *You may take up to 3.0 credit hours* 1.0v

C S501R Adv Topics in Computer Sci - Adv Topics in Computer Sci - *You may take up to 3.0 credit hours* 1.0v

C S513 Robust Control - Robust Control 3.0

C S 575 - Intro to Network Science - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

09761-006 - Missing course - Computer Systems 4.0

EC EN425 Real-Time Operating Systems - Real-Time Operating Systems 4.0

IT&C567 Cybersecurity & Pen Test - Cybersecurity & Pen Test 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH431 Probability Theory - Probability Theory 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

*Note: If C S 493R, C S 498R, or C S 501R is chosen, it must be taken for 3 credit hours.*

**Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:**

Complete Senior Exit interview with the C S department during last semester or term.

*Note: Math 112, Math 113, Phscs 121, WRTG 316, and C S 312 can be used to fill both General Education and program requirements. Advanced Writing and Oral Communication: WRTG 316. Quantitative Reasoning: Math 112 or 113. Languages of Learning: Math 112 or 113. Physical Science: C S 312 or Phscs 121.*

## 694020 - Earth & Space Science Education

## 694022 - Geology (BS)

## (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Earth & Space Science Education | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 84 | 86 |

**Major Academic Plan**

MAPS - BS in Earth & Space Science Education 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Earth and Space Science Fundamentals | Obtain a broad basic knowledge of the earth and space sciences. (BYU AIMS 1 2 3) |
| Instructional Design and Development | Be able to design and develop inquiry-based science units. (BYU AIMS 2 4) |
| INTASC Standards | Understand and apply the goals and standards of Interstate New Teacher Assessment and Support Consortium (INTASC). (BYU AIMS 2 3 4) |
| Teaching Sensitive Concepts | Understand how to teach sensitive scientific concepts such as evolution by means of natural selection age of the Earth and solar system and the Big Bang in the public school setting. |
| Professional and Moral Practice | Understand and apply the Moral Dimenstions of Teaching as embraced by the McKay School of Education (BYU AIMS 1 2 3 4) |

**Free Form Requirements**

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 —Complete 4 Courses**

### Program Information

| Program Title | Degree |
|---|---|
| Geology | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 74 | 75 |

**Major Academic Plan**

MAPS - BS in Geology 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Effective Inquiry and Communication | Demonstrate competence in scientific inquiry writing and oral presentation. |
| Professional Preparation | Be employable in geology-related fields or able to further their education in graduate programs. |
| Technical Competence | Demonstrate competence in relevant computer applications laboratory methods and field methods. |
| Discussing Society's Impact on the Planet | Demonstrate the ability to critically discuss issues related to geology that impact society and planet Earth. |
| Discussing Science and Religion | Demonstrate the ability to critically discuss the relationship between science and religion. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*No D credit is allowed in major courses.*

**Requirement 1 — Complete 12 Courses**

GEOL111 Physical Geology - Physical Geology 4.0

GEOL112 Historical Geology - Historical Geology 4.0

GEOL210 Field Studies - Field Studies 3.0

GEOL230 Earth Data Vis - Geological Communications 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL352 Petrology - Petrology 3.0

GEOL111 Physical Geology - Physical Geology 4.0

GEOL112 Historical Geology - Historical Geology 4.0

GEOL210 Field Studies - Field Studies 3.0

GEOL411 Geomorphology - Geomorphology 3.0

**Requirement 2 —Complete 2 hours**

*Take 4 times.*

GEOL491R Geology Seminar - Geology Seminar - *You may take up to 2.0 credit hours* 0.5

**Requirement 3 —Complete 3 of 15 Courses**

GEOL100 Dinosaurs - Dinosaurs 3.0

GEOL109 Geology of Planets - Geology of Planets 3.0

GEOL230 Earth Data Vis - Geological Communications 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL352 Petrology - Petrology 3.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL375 Structural Geology - Structural Geology 3.0

GEOL405 GeoMathematics - GeoMathematics 3.0

GEOL435 Groundwater - Groundwater 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

GEOL445 Geochemistry - Geochemistry 3.0

GEOL452 Petrography to Petrogenesis - Petrography to Petrogenesis 3.0

GEOL460 Economic & Resource Geology - Economic & Resource Geology 3.0

GEOL476 Intro Seismic Interpretation - Intro Seismic Interpretation 3.0

GEOL480 Paleontology - Paleontology 3.0

**Requirement 4 —Complete 1 of 2 Options**

**Option 4.1 —Complete 3 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

**Option 4.2 —Complete 2 Courses**

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

**Requirement 5 —Complete 8 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL375 Structural Geology - Structural Geology 3.0

GEOL405 GeoMathematics - GeoMathematics 3.0

GEOL420 Geological Field Methods - Geological Field Methods 2.0

GEOL421 Geological Mapping - Geological Mapping 2.0

GEOL422 Geologic Writing - Geologic Writing 2.0

**Requirement 2 — Complete 2 hours**

*Take 4 times.*

GEOL491R Geology Seminar - Geology Seminar - *You may take up to 2.0 credit hours* 0.5

**Requirement 3 — Complete 3 of 8 Courses**

GEOL411 Geomorphology - Geomorphology 3.0

GEOL435 Groundwater - Groundwater 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

GEOL445 Geochemistry - Geochemistry 3.0

GEOL452 Petrography to Petrogenesis - Petrography to Petrogenesis 3.0

GEOL460 Economic & Resource Geology - Economic & Resource Geology 3.0

GEOL476 Intro Seismic Interpretation - Intro Seismic Interpretation 3.0

GEOL480 Paleontology - Paleontology 3.0

**Requirement 4 — Complete 1 of 2 Options**

**Option 4.1 — Complete 3 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

**Option 4.2 — Complete 2 Courses**

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

**Requirement 5 — Complete 1 of 2 Courses**

STAT121 Principles of Statistics - Principles of Statistics 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

**Requirement 6 — Complete 5 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

WRTG316 Technical Communication - Technical Communication 3.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 6 —Complete 2 Requirements**

*Professional Education Component:*

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 6.1 —Complete 9 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 Ed Tec 2 - Integrating K-12 Ed Tec 2 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

PHY S276 Exploration of Teaching - Exploration of Teaching 4.0

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

PHY S378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Note: Fingerprinting and FBI clearance must be completed before enrollment in Phy S 276.

**Requirement 6.2 —Complete 12 hours**

PHY S476 Secondary Student Teaching - Secondary Student Teaching 0.0v

PHY S496 Acad Intern: Secondary Ed - Acad Intern: Secondary Ed 0.0v

Student teachers/interns must complete three forms in their Educator accounts (PIBS, CDS, FED) and attach their TWS to the Educator account for their program. All four must be completed to be cleared for graduation.

## 694026 - Geology Education (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Geology Education | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 23 | 23 |

**Free Form Requirements**

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are*

## 694030 - Environmental Geology (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Environmental Geology | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 69 | 76 |

**Major Academic Plan**

MAPS - BS in Environmental Geology 2023-2024.pdf

| Learning Outcome |
|---|

*required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*When all the geology credit required for a minor is transferred from another school, at least one course in geology must be taken at BYU.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 3 Courses**

GEOL111 Physical Geology - Physical Geology 4.0

GEOL112 Historical Geology - Historical Geology 4.0

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

**Requirement 2 — Complete 8 hours**

GEOL100 Dinosaurs - Dinosaurs 3.0

GEOL109 Geology of Planets - Geology of Planets 3.0

GEOL210 Field Studies - Field Studies 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL352 Petrology - Petrology 3.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL375 Structural Geology - Structural Geology 3.0

GEOL405 GeoMathematics - GeoMathematics 3.0

GEOL411 Geomorphology - Geomorphology 3.0

GEOL435 Groundwater - Groundwater 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

GEOL445 Geochemistry - Geochemistry 3.0

GEOL452 Petrography to Petrogenesis - Petrography to Petrogenesis 3.0

GEOL460 Economic & Resource Geology - Economic & Resource Geology 3.0

GEOL480 Paleontology - Paleontology 3.0

GEOL546 Isotope Geochemistry-Low Temp - Isotope Geochemistry-Low Temp 3.0

**Requirement 3 — Complete 1 Course**

GEOL477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

| Title | Learning Outcome |
|---|---|
| Effective Inquiry and Communication | Demonstrate competence in scientific inquiry writing and oral presentation. |

| Title | Learning Outcome |
|---|---|
| Professional Preparation | Be employable in geology-related fields especially environmental geology or able to further their education in graduate programs. |

| Title | Learning Outcome |
|---|---|
| Technical Competence | Demonstrate competence in relevant computer applications laboratory methods and field methods. |

| Title | Learning Outcome |
|---|---|
| Discussing Society's Impact on the Planet | Demonstrate the ability to critically discuss issues related to the environment that impact society and planet Earth. |

| Title | Learning Outcome |
|---|---|
| Discussing Science and Religion | Demonstrate the ability to critically discuss the relationship between science and religion. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

**Requirement 1 — Complete 12 Courses**

GEOL111 Physical Geology - Physical Geology 4.0

GEOL210 Field Studies - Field Studies 3.0

GEOL230 Earth Data Vis - Geological Communications 3.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL375 Structural Geology - Structural Geology 3.0

GEOL420 Geological Field Methods - Geological Field Methods 2.0

GEOL421 Geological Mapping - Geological Mapping 2.0

GEOL422 Geologic Writing - Geologic Writing 2.0

GEOL435 Groundwater - Groundwater 3.0

GEOL445 Geochemistry - Geochemistry 3.0

GEOL535 Contaminant Hydrogeology - Contaminant Hydrogeology 3.0

GEOL550 Environmental Soil Chemistry - Environmental Soil Chemistry 3.0

Chemistry 3.0

**Requirement 2 — Complete 2 hours**

GEOL491R Geology Seminar - Geology Seminar - *You may take 4 times* 0.5

**Requirement 3 — Complete 4 Courses**

*Note: PWS lectures and labs (PWS 282 & 283; PWS 305 & 306; PWS 365 & 366) require separate registration and can be taken separately.*

CE341 Soil Mechanics - Soil Mechanics 3.0

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CE331 Hydrology - Hydrology 3.0

CE451 Environmental Engineering Proc - Environmental Engineering Proc 3.0

CE514 Geospatial Software Dev - Geospatial Software Dev 3.0

CE531 Hydrologic Modeling - Hydrologic Modeling 3.0

CE540 Geo-Environmental Engineering - Geo-Environmental Engineering 3.0

CE547 Groundwater Modeling - Groundwater Modeling 3.0

CE551 Water Treatment Fac Design - Water Treatment Fac Design 3.0

CE555 Environmental Chemistry - Environmental Chemistry 3.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG413 Remote Sensing 2 - Remote Sensing 2 3.0

GEOL330 Engineering Geology - Geology for Engineers 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL352 Petrology - Petrology 3.0

GEOL405 GeoMathematics - GeoMathematics 3.0

GEOL411 Geomorphology - Geomorphology 3.0

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS305 Watershed Ecology - Watershed Ecology 3.0

PWS306 Watershed Ecology Lab - Watershed Ecology Lab 1.0

PWS365 Biogeochem - Biogeochem 3.0

PWS366 Biogeochem Lab - Biogeochem Lab 1.0

PWS375 Aquatic Policies & Laws - Aquatic Policies & Laws 3.0

**Requirement 4 — Complete 1 of 2 Options**

**Option 4.1 — Complete 3 Courses**

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

**Option 4.2 — Complete 2 Courses**

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

**Requirement 5 — Complete 6 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

WRTG316 Technical Communication - Technical Communication 3.0

**Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:**

Complete a practice version of the American State Board of Geologists fundamentals of geology exam.

## 694401 - Mathematics (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Mathematics | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 20 | 21 |

**Free Form Requirements**

*Grades of C- or below will not be accepted.*

*Substitutions require the approval of the Undergraduate Coordinator of the Department of Mathematics.*

**Requirement 1 — Complete 3 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

**Requirement 2 — Complete 1 Course**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

**Requirement 3 — Complete 1 of 2 Courses**

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

**Requirement 4 — Complete 4 hours**

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

MATH350 Combinatorics & Graph Theory - Combinatorics & Graph Theory 3.0

## 694420 - Mathematics (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Mathematics | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 54.5 | 54.5 |

**Major Academic Plan**

MAP - BS in Mathematics 2023-2024.pdf

| | |
|---|---|
| **Title**<br>Mid-Level Mathematics | **Learning Outcome**<br>Demonstrate understanding of mid-level undergraduate mathematics including abstract algebra complex analysis and advanced calculus. |
| **Title**<br>Advanced Mathematics | **Learning Outcome**<br>Demonstrate a breadth and depth of knowledge in a coherent group of advanced mathematical topics. |
| **Title**<br>Effective Reasoning and Communication | **Learning Outcome**<br>Explain and critique mathematical reasoning through speaking and writing in a precise and articulate manner. |
| **Title**<br>Mathematics Fundamentals | **Learning Outcome**<br>Demonstrate basic mathematical understanding and computational skills in calculus linear algebra and differential equations. |

**Free Form Requirements**

*Grades of C- or below will not be acceptable in major courses.*

MATH352 Intro to Complex Analysis - Intro to Complex Analysis 3.0

MATH362 Survey of Geometry - Survey of Geometry 3.0

MATH371 Abstract Algebra 1 - Abstract Algebra 1 3.0

MATH372 Abstract Algebra 2 - Abstract Algebra 2 3.0

MATH380 Mathematics of Data Science - Mathematics of Data Science 3.0

MATH406R Topics in Mathematics - Topics in Mathematics - *You may take once* 3.0

MATH410 Intro to Numerical Methods - Intro to Numerical Methods 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH413 Advanced Linear Algebra - Advanced Linear Algebra 3.0

MATH425 Mathematical Biology - Mathematical Biology 3.0

MATH431 Probability Theory - Probability Theory 3.0

MATH435 Mathematical Finance - Mathematical Finance 3.0

MATH447 Intro Partial Differential Eqs - Intro Partial Differential Eqs 3.0

MATH451 Introduction to Topology - Introduction to Topology 3.0

MATH465 Differential Geometry - Differential Geometry 3.0

MATH473 Group Representation Theory - Group Representation Theory 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

MATH487 Number Theory - Number Theory 3.0

MATH495R Readings in Math - Readings in Math - *You may take once* 0.5v

MATH510 Num Methods for Linear Algebra - Num Methods for Linear Algebra 3.0

MATH511 Num Methods for Partial Diff - Num Methods for Partial Diff 3.0

MATH513R Adv Topics in Applied Math - Adv Topics in Applied Math - *You may take once* 3.0

MATH521 Classical Applied Mathematics - Classical Applied Mathematics 3.0

MATH522 Mathematics of Deep Learning - Mathematics of Deep Learning 3.0.

MATH525 Network Theory - Network Theory 3.0

MATH532 Complex Analysis - Complex Analysis 3.0

MATH534 Intro to Dynamical Systems 1 - Intro to Dynamical Systems 1 3.0

MATH536 Applied Discrete Probability - Applied Discrete Probability 3.0

MATH540 Linear Analysis - Linear Analysis 3.0

MATH541 Real Analysis - Real Analysis 3.0

MATH547 Modeling and Analysis of PDEs - Modeling and Analysis of PDEs 3.0

**Requirement 1 — Complete 11 Courses**

*Core requirements:*

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH191 Seminar in Mathematics 1 - Seminar in Mathematics 1 0.5

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

MATH352 Intro to Complex Analysis - Intro to Complex Analysis 3.0

MATH371 Abstract Algebra 1 - Abstract Algebra 1 3.0

MATH413 Advanced Linear Algebra - Advanced Linear Algebra 3.0

**Requirement 2 — Complete 1 Requirement**

**Requirement 2.1 — Complete 2 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

**Requirement 3 — Complete 1 Course**

C S111 Intro to Computer Science - Intro to Computer Science 3.0

**Requirement 4 — Complete 1 of 2 Courses**

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

**Requirement 5 — Complete 12 hours**

C S235 Data Structures - Data Structures 3.0

MATH300 History & Philosophy of Math - History & Philosophy of Math 3.0

MATH350 Combinatorics & Graph Theory - Combinatorics & Graph Theory 3.0

MATH362 Survey of Geometry - Survey of Geometry 3.0

MATH372 Abstract Algebra 2 - Abstract Algebra 2 3.0

MATH380 Mathematics of Data Science - Mathematics of Data Science 3.0

MATH402 Model Uncertainty & Data 1 - Model Uncertainty & Data 1 3.0

MATH403 Model Uncertainty & Data 1 Lab - Model Uncertainty & Data 1 Lab 1.0

MATH404 Model Uncertainty & Data 2 - Model Uncertainty & Data 2 3.0

MATH405 Model Uncertainty & Data 2 Lab - Model Uncertainty & Data 2 Lab 1.0

MATH553 Foundations of Topology 1 - Foundations of Topology 1 3.0

MATH554 Foundations of Topology 2 - Foundations of Topology 2 3.0

MATH561 Intro to Algebraic Geometry 1 - Intro to Algebraic Geometry 1 3.0

MATH562 Intro to Algebraic Geometry 2 - Intro to Algebraic Geometry 2 3.0

MATH565 Differential Geometry - Differential Geometry 3.0

MATH570 Matrix Analysis - Matrix Analysis 3.0

MATH571 Algebra 1 - Algebra 1 3.0

MATH572 Algebra 2 - Algebra 2 3.0

MATH586 Intro Algebraic Number Theory - Intro Algebraic Number Theory 3.0

MATH587 Intro to Analytic Number Thry - Intro to Analytic Number Thry 3.0

MATH406R Topics in Mathematics - Topics in Mathematics - *You may take once* 3.0

MATH410 Intro to Numerical Methods - Intro to Numerical Methods 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH425 Mathematical Biology - Mathematical Biology 3.0

MATH431 Probability Theory - Probability Theory 3.0

MATH435 Mathematical Finance - Mathematical Finance 3.0

MATH436 Model Dynamics & Control 1 - Model Dynamics & Control 1 3.0

MATH437 Model Dynamics & Control 1 Lab - Model Dynamics & Control 1 Lab 1.0

MATH438 Model Dynamics & Control 2 - Model Dynamics & Control 2 3.0

MATH439 Model Dynamics & Control 2 Lab - Model Dynamics & Control 2 Lab 1.0

MATH447 Intro Partial Differential Eqs - Intro Partial Differential Eqs 3.0

MATH451 Introduction to Topology - Introduction to Topology 3.0

MATH465 Differential Geometry - Differential Geometry 3.0

MATH473 Group Representation Theory - Group Representation Theory 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

MATH487 Number Theory - Number Theory 3.0

MATH495R Readings in Math - Readings in Math - *You may take once* 0.5v

MATH510 Num Methods for Linear Algebra - Num Methods for Linear Algebra 3.0

MATH511 Num Methods for Partial Diff - Num Methods for Partial Diff 3.0

MATH513R Adv Topics in Applied Math - Adv Topics in Applied Math - *You may take once* 3.0

MATH521 Classical Applied Mathematics - Classical Applied Mathematics 3.0

MATH522 Mathematics of Deep Learning - Mathematics of Deep Learning 3.0

MATH525 Network Theory - Network Theory 3.0

MATH532 Complex Analysis - Complex Analysis 3.0

MATH534 Intro to Dynamical Systems 1 - Intro to Dynamical Systems 1 3.0

MATH536 Applied Discrete Probability - Applied Discrete Probability 3.0

MATH540 Linear Analysis - Linear Analysis 3.0

MATH541 Real Analysis - Real Analysis 3.0

MATH547 Modeling and Analysis of PDEs - Modeling and Analysis of PDEs 3.0

MATH553 Foundations of Topology 1 - Foundations of Topology 1 3.0

MATH554 Foundations of Topology 2 - Foundations of Topology 2 3.0

MATH561 Intro to Algebraic Geometry 1 - Intro to Algebraic Geometry 1 3.0

MATH562 Intro to Algebraic Geometry 2 - Intro to Algebraic Geometry 2 3.0

MATH565 Differential Geometry - Differential Geometry 3.0

MATH570 Matrix Analysis - Matrix Analysis 3.0

MATH571 Algebra 1 - Algebra 1 3.0

MATH572 Algebra 2 - Algebra 2 3.0

MATH586 Intro Algebraic Number Theory - Intro Algebraic Number Theory 3.0

MATH587 Intro to Analytic Number Thry - Intro to Analytic Number Thry 3.0

**Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:**

Students are required to take either the GRE Mathematics Subject Test or the Mathematics Major Field Test the last semester before they graduate. The tests are ETS (Educational Testing Service) standardized assessment tests of undergraduate mathematics. Go to ETS Math Subject Test (http://www.ets.org/gre/subject/about/content/mathematics) or ETS Major Field Tests (http://www.ets.org/mft/about/content/mathematics) for a test description and sample problems. These tests do not appear on the transcript or affect the GPA.

*Students must participate in an exit interview before graduation.*

**Recommended Courses are not required to complete the program**

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

*Note 1: The courses recommended above can be used to fill General Education requirements.*

*Note 2: Students who continue toward graduate work should complete Math 372 or Math 473, as well as Math 541 and Math 553.*

*Note 3: Students who do not plan to pursue a Ph.D. in mathematics are strongly encouraged to complete CS 235.*

## 694432 - Mathematics: Applied and Computational Mathematics (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Mathematics: Applied and Computational Mathematics | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 71 | 76 |

**Major Academic Plan**

MAP - BS in Mathematics Applied and Computational Mathematics 2022

## 694601 - Mathematics Education (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Mathematics Education | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 37 | 37 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license*

MAP - BS in Mathematics Applied and Computational Mathematics 2023-2024.pdf

| | |
|---|---|
| Title<br>Effective Reasoning and Communication | Learning Outcome<br>Explain and criticize mathematical reasoning through speaking and writing in a precise and articulate manner. |

| | |
|---|---|
| Title<br>Mathematics Fundamentals | Learning Outcome<br>Demonstrate basic mathematical understanding and computational skills in calculus linear algebra and differential equations and advanced calculus. |

| | |
|---|---|
| Title<br>Statistics | Learning Outcome<br>Demonstrate a knowledge ofinference estimation regression multivariable statistics Bayesian statistics time-series analysis and state-space modeling. |

| | |
|---|---|
| Title<br>Advanced Applied Mathematics | Learning Outcome<br>Demonstrate understanding oflinear and nonlinear analysis the analysis of algorithms combinatorics asymptotic methods approximation theory transform theory optimization dynamic programming probability theory stochastic processes differential equations dynamical systems and optimal control theory. |

| | |
|---|---|
| Title<br>Computing | Learning Outcome<br>Demonstratefacility in computer programming data processing databases numerical simulation scientific visualization and virtual experimentation. Write compile and execute numerical algorithms in a low-level language such as C/C++ as well as develop I/O wrappers for standard numerical libraries in a common scripting language such as Python. Demonstrate the ability to use the technologies for parallel and distributed computing. |

Free Form Requirements

**Requirement 1 — Complete 7 Courses**

*Complete the following pre-core requirements before junior year:*

C S111 Intro to Computer Science - Intro to Computer Science 3.0

*or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach mathematics in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into their major program to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 12 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MTHED177 Critical Review of School Math - Critical Review of School Math 3.0

MTHED277 Task Design for Learning - Task Design for Learning 3.0

MTHED278 Assessment of Learning - Assessment of Learning 3.0

MTHED301 Teaching Stats & Probability - Teaching Stats & Probability 3.0

MTHED308 Teaching with Tech - Teaching with Tech 3.0

MTHED377 Math Tchng in Public Schools - Math Tchng in Public Schools 3.0

MTHED378 Practicum in Math Education - Practicum in Math Education 1.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 2 — Complete 1 Course**

MTHED477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

**Requirement 2 — Complete 1 Requirement**

**Requirement 2.1 — Complete 2 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

**Requirement 3 — Complete 4 Courses**

*Complete the following core requirements during fall semester, junior year:*

MATH320 Algorithm Design & Opt 1 - Algorithm Design & Opt 1 3.0

MATH321 Algorithm Design & Opt 1 Lab - Algorithm Design & Opt 1 Lab 1.0

MATH344 Mathematical Analysis 1 - Mathematical Analysis 1 3.0

MATH345 Mathematical Analysis 1 Lab - Mathematical Analysis 1 Lab 1.0

**Requirement 4 — Complete 4 Courses**

*Complete the following core requirements during winter semester, junior year:*

MATH322 Algorithm Design & Opt 2 - Algorithm Design & Opt 2 3.0

MATH323 Algorithm Design & Opt 2 Lab - Algorithm Design & Opt 2 Lab 1.0

MATH346 Mathematical Analysis 2 - Mathematical Analysis 2 3.0

MATH347 Mathematical Analysis 2 Lab - Mathematical Analysis 2 Lab 1.0

**Requirement 5 — Complete 4 Courses**

*Complete the following core requirements during fall semester, senior year:*

MATH402 Model Uncertainty & Data 1 - Model Uncertainty & Data 1 3.0

MATH403 Model Uncertainty & Data 1 Lab - Model Uncertainty & Data 1 Lab 1.0

MATH436 Model Dynamics & Control 1 - Model Dynamics & Control 1 3.0

MATH437 Model Dynamics & Control 1 Lab - Model Dynamics & Control 1 Lab 1.0

*Completion of an internship in the summer term between the junior and senior years is strongly recommended.*

**Requirement 6 — Complete 4 Courses**

*Complete the following core requirements during winter semester, senior year:*

MATH404 Model Uncertainty & Data 2 - Model Uncertainty & Data 2 3.0

MATH405 Model Uncertainty & Data 2 Lab - Model Uncertainty & Data 2 Lab 1.0

MATH438 Model Dynamics & Control 2 - Model Dynamics & Control 2 3.0

MATH439 Model Dynamics & Control 2 Lab - Model Dynamics & Control 2 Lab 1.0

**Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:**

Students are required to complete a concentration in an area to which the mathematical and computational tools that they are learning can be applied. The list of the Approved Concentrations is found at www.acme.byu.edu/?page_id=85.

**Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:**

Students are required to take either the GRE Mathematics Subject Test or the Mathematics Major Field Test the last semester before they graduate. The results of these tests do not appear on the transcript or affect the GPA. For more information contact the math department.

## 694620 - Mathematics Education (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Mathematics Education | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 78 | 78 |

**Major Academic Plan**

MAP - BS in Mathematics Education 2023-2024.pdf

| | Learning Outcome |
|---|---|
| **Title** | |
| Assessment of Mathematical Learning | Graduates can design and use formative and summative assessments that monitor student progress inform instructional decisions and engage students in assessing their own mathematical learning. |

| | Learning Outcome |
|---|---|
| **Title** | |
| Understanding of Mathematics Learners | Graduates make instructional decisions that 1) help students develop mathematical knowledge by building on prior knowledge and experience; 2) reflect how students differ cognitively linguistically socially emotionally and physically; 3) provide students regular opportunities to reason about and make sense of mathematics in an environment of high expectations and strong support. |

## 694802 - Physics (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Physics | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 20 | 20 |

**Free Form Requirements**

*No D credit may count toward this minor.*

**Requirement 1 — Complete 5 Courses**

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

**Requirement 2 — Complete 4 hours**

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1 1.0

| | |
|---|---|
| | |

| | |
|---|---|
| **Title**<br>Mathematics | **Learning Outcome**<br>Graduates understand central concepts tools of inquiry and structures of the discipline of mathematics as well as core representations canonical examples and alternative algorithms germane to teaching secondary school mathematics. |

| | |
|---|---|
| **Title**<br>Instructional Design for Mathematics Learning | **Learning Outcome**<br>Graduates can design learning environments and mathematical experiences that engage all students in the exploration and development of mathematical ideas and can effectively foster these environments and orchestrate these experiences by promoting conceptual understanding procedural fluency and authentic mathematical practices. |

| | |
|---|---|
| **Title**<br>Professionalism | **Learning Outcome**<br>Graduates demonstrate professionalism through maintaining appropriate relationships and behavior in the school setting and by seeking opportunities to improve practice and advance the profession through reflecting on practice soliciting and incorporating feedback and contributing to professional school and community organizations. |

| | |
|---|---|
| **Title**<br>Spiritual Stewardship | **Learning Outcome**<br>Graduates seek integrity between their personal and professional lives consistent with the restored gospel of Jesus Christ by recognizing all students as children of God and striving to nurture their divine potential; applying gospel-centered principles of teaching and learning to family relationships gospel service and involvement in the community; and serving as examples of a Christ-centered life within their spheres of influence. |

| |
|---|
| **Learning Outcome** |

1.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

PHSCS310 Physics By Inquiry: Mechanics - Physics By Inquiry: Mechanics 3.0

PHSCS311 Physics By Inquiry:Electricity - Physics By Inquiry:Electricity 3.0

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

| | |
|---|---|
| Title<br>Equity | Learning Outcome<br>Graduates make instructional decisions that 1) develop students' understanding that mathematics and mathematical practices are human constructs that are socially situated; 2) provide mathematical and social positions that increase access for all students; 3) challenge systemic privilege and oppression in their classrooms; and 4) provide students opportunities to use mathematics to promote a socially just society. |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 —Complete 7 Courses**

*Core requirements. Note 1: Prerequisites for all mathematics education courses will be strictly adhered to. Note 2: FBI fingerprint and background clearance must be completed prior to enrollment in MthEd 276.*

MTHED177 Critical Review of School Math - Critical Review of School Math 3.0

MTHED276 Exploration of Math Teaching - Exploration of Math Teaching 4.0

MTHED277 Task Design for Learning - Task Design for Learning 3.0

MTHED278 Assessment of Learning - Assessment of Learning 3.0

MTHED308 Teaching with Tech - Teaching with Tech 3.0

MTHED377 Math Tchng in Public Schools - Math Tchng in Public Schools 3.0

MTHED378 Practicum in Math Education - Practicum in Math Education 1.0

**Requirement 2 —Complete 12 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MTHED300 History & Philosophy of Math - History & Philosophy of Math 3.0

MTHED301 Teaching Stats & Probability - Teaching Stats & Probability 3.0

MTHED362 Survey of Geometry - Survey of Geometry 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 3 —Complete 1 of 12 Courses**

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S180 Intro to Data Science - Intro to Data Science 3.0

MATH350 Combinatorics & Graph Theory - Combinatorics & Graph Theory 3.0

MATH371 Abstract Algebra 1 - Abstract Algebra 1 3.0

MATH380 Mathematics of Data Science - Mathematics of Data Science 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

MATH487 Number Theory - Number Theory 3.0

PHSCS310 Physics By Inquiry: Mechanics - Physics By Inquiry: Mechanics 3.0

PHSCS311 Physics By Inquiry:Electricity - Physics By Inquiry: Electricity 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

*A teaching minor is not needed for licensure. However, students interested in teaching an academic subject in addition to mathematics should consider pursuing a teaching minor in that discipline.*

**Requirement 4 —Complete 2 Requirements**

*Professional Education Component:*

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 4.1 —Complete 3 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

**Requirement 4.2 —Complete 12 hours**

MTHED476 Student Teaching in Math - Student Teaching in Math - *You may take up to 12.0 credit hours* 12.0

MTHED496 Academic Internship - Math - Academic Internship - Math - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns must complete all required EPP assessments and paperwork in the Educator system.

## 694803 - Physics Education (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Physics Education | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 27 | 27 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 7 Courses**

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

**Requirement 2 — Complete 1 Course**

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

**Requirement 3 — Complete 1 Course**

PHSCS477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

## 694804 - Astronomy (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Astronomy | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 19 | 19 |

**Free Form Requirements**

*No D credit may count toward this minor.*

**Requirement 1 — Complete 6 Courses**

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS227 Solar System Astronomy - Solar System Astronomy 3.0

PHSCS228 Stars & Galaxies - Stars & Galaxies 3.0

PHSCS329 Observational Astronomy - Observational Astronomy 3.0

## 694821 - Physics (BS)

## 694825 - Applied Physics (BS)

## Program Information

**Program Title**
Physics

**Degree**
BS

**Variable Credit Min**
63

**Variable Credit Max**
64

**Major Academic Plan**
MAP - BS in Physics 2023-2024.pdf

| | |
|---|---|
| **Title**<br>Physics Theory and Application | **Learning Outcome**<br>Apply principles from the primary physical theories (classical mechanics, quantum mechanics, thermodynamics, electromagnetism) to model and solve representative problems analytically and computationally. |
| **Title**<br>Experimental and Computational Skills | **Learning Outcome**<br>Design and conduct experiments, build scientific equipment, write scientific programs to simulate physical systems, and analyze data. |
| **Title**<br>Effective Communication | **Learning Outcome**<br>Communicate professionally to a technical audience both orally and in writing. Be able to understand scientific ideas by reading books and journal articles. |
| **Title**<br>Professional Ethics | **Learning Outcome**<br>Understand scientific ethical practices and demonstrate them in the conduct of scientific research. |
| **Title**<br>Research and Professional Preparation | **Learning Outcome**<br>Conduct experimental, theoretical or computational research under the direction of a mentor to contribute to the generation of new knowledge or technologies, and prepare to do this professionally. |

**Free Form Requirements**
*No more than 3 hours of D credit is allowed in major courses.*

**Requirement 1 —Complete 19 Courses**

*Note: Phscs 191 should be taken the first semester as a freshman. Phscs 291 should be taken the first semester as a sophomore.*

C S111 Intro to Computer Science - Intro to Computer Science 3.0

MATH113 Calculus 2 - Calculus 2 4.0

## Program Information

**Program Title**
Applied Physics

**Degree**
BS

**Variable Credit Min**
62

**Variable Credit Max**
64

**Major Academic Plan**
MAP - BS in Applied Physics 2023-2024.pdf

| | |
|---|---|
| **Title**<br>Physics Theory and Application | **Learning Outcome**<br>Apply principles to model and solve representative problems analytically and computationally at an introductory level from the primary physical theories (classical mechanics quantum mechanics special relativity thermodynamics electromagnetism and optics) and at an advanced level in classical mechanics electrostatics and optics/electrodynamics. |
| **Title**<br>Experimental and Computational Skills | **Learning Outcome**<br>Design and conduct experiments build scientific equipment write scientific programs to simulate physical systems and analyze data. |
| **Title**<br>Effective Communication | **Learning Outcome**<br>Communicate professionally to a technical audience both orally and in writing. Be able to understand scientific ideas by reading books and journal articles. |
| **Title**<br>Professional Ethics | **Learning Outcome**<br>Understand scientific ethical practices and demonstrate them in the conduct of scientific research. |
| **Title**<br>Research and Professional Preparation | **Learning Outcome**<br>Conduct experimental theoretical or computational research under the direction of a mentor to contribute to the generation of new knowledge or technologies and prepare to do this professionally. |

**Free Form Requirements**
*No more than 3 hours of D credit is allowed in major courses.*

*Consult with a faculty advisor as early as possible to choose electives.*

**Requirement 1 — Complete 17 Courses**

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS191 Intro Phscs Careers & Rsrch 1 - Intro Phscs Careers & Rsrch 1 0.5

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1 1.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

PHSCS245 Experiments in Contemp Phscs - Experiments in Contemp Phscs 2.0

PHSCS291 Intro Phscs Careers & Rsrch 2 - Intro Phscs Careers & Rsrch 2 0.5

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS360 Statistical & Thermal Physics - Statistical & Thermal Physics 3.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS451 Quantum Mechanics - Quantum Mechanics 3.0

**Requirement 2 —Complete 2 of 3 Courses**

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

**Requirement 3 —Complete 1 of 6 Courses**

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS461 Introduction to Acoustics - Introduction to Acoustics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

PHSCS530 Computational Physics - Computational Physics 3.0

PHSCS581 Solid State Physics - Solid State Physics 3.0

**Requirement 4 —Complete 1 of 2 Options**

**Option 4.1 —Complete 2 Courses**

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

*Note: Phscs 191 should be taken the first semester as a freshman. Phscs 291 should be taken the first semester as a sophomore.*

C S111 Intro to Computer Science - Intro to Computer Science 3.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS191 Intro Phscs Careers & Rsrch 1 - Intro Phscs Careers & Rsrch 1 0.5

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1 1.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

PHSCS245 Experiments in Contemp Phscs - Experiments in Contemp Phscs 2.0

PHSCS291 Intro Phscs Careers & Rsrch 2 - Intro Phscs Careers & Rsrch 2 0.5

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

**Requirement 2 — Complete 1 of 3 Courses**

*Note: Although Ec En 466 has some Ec En classes listed as prerequisites, they are often waived for Applied Physics majors. Specifically, Ec En 466 can be taken with no other prereqs as long as the student has taken Phscs 441. However, it is still recommended for students who have taken Phscs 441 to also take Phscs 442 or Ec En 462 prior to taking Ec En 466. Interested students should talk to the Ec En 466 instructor about their specific backgrounds.*

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

**Requirement 3 — Obtain confirmation from your advisement center that you have completed the following:**

After gaining department advisor's approval of courses selected to define an option, complete an additional 12 hours of electives (cannot include any courses already taken above). These 12 hours must consist of a coherent set of upper-division courses with an identified educational goal. Nine hours must be upper division (300-level or

**Option 4.2 —Complete 4 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

**Requirement 5 —Complete 1 Requirement**

*Senior thesis:*

Complete a senior thesis, including the following:

A. Choose a research mentor and group as early as possible, starting with information in Phscs 191 and 291, and discussion with faculty, your advisor and senior thesis coordinator. It is best to start as a freshman or sophomore. Interdisciplinary work in other departments or in internships is possible.

**Requirement 5.1 —Complete 2 hours**

*B.*

PHSCS498R Senior Thesis - Senior Thesis - *You may take up to 2.0 credit hours* 0.5v

**Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:**

Students are required to take the Physics "Major Field Test" the last semester before they graduate. The test is a standardized assessment of undergraduate physics written by ETS (Educational Testing Service). The ETS website contains a description of the exam and sample problems: http://www.ets.org/mft/about/content/physics. Results of the exam do not appear on the transcript or affect the GPA. Students should contact the Physics undergraduate secretary to make arrangements for taking the exam; typically it's done in the Testing Center before mid-semester.

*Note 1: Students planning careers in experimental, applied, or industrial physics should complete Stat 201.*

*Note 2: All students will benefit, through courses or individual study, by learning programming skills and numerical methods beyond what you are taught in C S 111 and our computational physics courses. Consider the following: C S courses, Math 410, Me En 373.*

*Note 3: Students planning graduate school in physics should learn complex analysis. Consider the following: Math 332, Phscs 601, 602.*

above); three hours must be 200-level or above.

**Requirement 4 — Complete 1 of 2 Options**

**Option 4.1 — Complete 2 Courses**

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

**Option 4.2 — Complete 4 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

**Requirement 5 — Complete 2 hours**

*Complete a capstone project or senior thesis including the following:*

A. Choose a research mentor and group as early as possible, starting with information in Phscs 191 and 291, and discussions with faculty, your advisor, and the capstone project coordinator or senior thesis coordinator. It is best to start as a freshman or sophomore. Interdisciplinary work in other departments or in internships is possible.

**Option 5.1 — Complete up to 2 hours**

*B. Complete 2 hours of one of the following:*

PHSCS492R Capstone in Applied Phscs - Capstone in Applied Phscs - *You may take up to 2.0 credit hours* 2.0

PHSCS498R Senior Thesis - Senior Thesis - *You may take up to 2.0 credit hours* 0.5v

**Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:**

Students are required to take the Physics "Major Field Test" the last semester before they graduate. The test is a standardized assessment of undergraduate physics written by ETS (Educational Testing Service). The ETS website contains a description of the exam and sample problems: http://www.ets.org/mft/about/content/physics. Results of the exam do not appear on the transcript or affect the GPA. Students should contact the Physics undergraduate secretary to make arrangements for taking the exam; typically it's done in the Testing Center before mid-semester.

*Note 1: Students planning careers in experimental, applied, or industrial physics should complete Stat 201.*

*Note 2: All students will benefit, through courses or individual study, by learning programming skills and numerical methods beyond what you are taught in C S 111 and our computational physics courses. Consider the following: CS courses, Math 410, Me En 373.*

## 694828 - Physics Education (BS)

### Program Information

| Program Title | Degree |
| --- | --- |
| Physics Education | BS |

## 694832 - Physics and Astronomy (BS)

### Program Information

| Program Title | Degree |
| --- | --- |
| Physics and Astronomy | BS |

Physics Education
BS

**Variable Credit Min**
78.5

**Variable Credit Max**
79.5

**Major Academic Plan**
MAP - BS in Physics Education 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Teaching Physical Science and Problem Solving | Able to teach concepts and problem solving at the high school and advanced placement level in astronomy classical mechanics thermodynamics electromagnetism optics quantum mechanics and special relativity. |
| Classroom Management and Lab Design | Manage high school classroom in teaching setting. Direct high school student labs and build simple lab equipment and demonstrations. |
| Physics Theory and Application | Apply principles at an introductory college level from the primary physical theories (classical mechanics quantum mechanics special relativity thermodynamics electromagnetism and optics) to solve representative problems. |
| Instruction Design | Students will be able to design develop and administer inquiry-based science units. |
| Addressing Student Diversity | Able to adapt teaching to adolescents and students with different cultural backgrounds. |
| Guiding Principles | Understand and apply the BYU's McKay School of Education Guiding Principles. |

**Free Form Requirements**
*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In*

Physics and Astronomy
BS

**Variable Credit Min**
68

**Variable Credit Max**
69

**Major Academic Plan**
MAP - BS in Physics and Astronomy 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Physics Theory and Application | Students will be able to apply principles to model and solve representative problems both analytically and computationally at an introductory level from the primary physical theories (classical mechanics quantum mechanics special relativity thermodynamics electromagnetism and optics) and at an advanced level from classical mechanics electricity and magnetism and in topics chosen from quantum mechanics optics and thermal physics. Apply physical theories to the solution of astrophysical problems. |
| Observation and Computational Skills | Students will be able to locate and observe astronomical objects write scientific programs to simulate physical systems and analyze astrophysical data. |
| Effective Communication | Communicate professionally to a technical audience both orally and in writing. Be able to understand scientific ideas by reading books and journal articles. |
| Professional Ethics | Students will be able to understand scientific ethical practices and demonstrate them in the conduct of scientific research. |
| Research and Professional Preparation | Students will be able to conduct astronomical or astrophysical research under the direction of a faculty mentor to contribute to the generation of new knowledge and prepare to do this professionally. |

**Free Form Requirements**
*No more than 3 hours of D credit is allowed in major courses.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*A teaching minor is not required for licensure. However, it is strongly recommended.*

**Requirement 1 — Complete 10 Courses**

*Note: Phscs 191 should be taken the first semester.*

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS191 Intro Phscs Careers & Rsrch 1 - Intro Phscs Careers & Rsrch 1 0.5

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

**Requirement 2 — Complete 1 of 3 Options**

**Option 2.1 — Complete 2 Courses**

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

**Option 2.2 — Complete 3 Courses**

MATH 313 - Elementary Linear Algebra - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

**Option 2.3 — Complete 4 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear

**Requirement 1 —Complete 1 Requirement**

**Requirement 1.1 —Complete 20 Courses**

C S111 Intro to Computer Science - Intro to Computer Science 3.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS191 Intro Phscs Careers & Rsrch 1 - Intro Phscs Careers & Rsrch 1 0.5

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS227 Solar System Astronomy - Solar System Astronomy 3.0

PHSCS228 Stars & Galaxies - Stars & Galaxies 3.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1 1.0

PHSCS291 Intro Phscs Careers & Rsrch 2 - Intro Phscs Careers & Rsrch 2 0.5

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS329 Observational Astronomy - Observational Astronomy 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS427 Stellar Astrophysics - Stellar Astrophysics 3.0

PHSCS428 Galaxies and Cosmology - Galaxies and Cosmology 3.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS451 Quantum Mechanics - Quantum Mechanics 3.0

Note: Phscs 191 should be taken the first semester as a freshman. Phscs 291 should be taken the first semester as a sophomore.

**Requirement 2 —Complete 2 of 4 Courses**

PHSCS360 Statistical & Thermal Physics - Statistical & Thermal Physics 3.0

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

**Requirement 3 —Complete 1 of 2 Options**

**Option 3.1 —Complete 2 Courses**

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

**Option 3.2 —Complete 4 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

**Requirement 3 — Complete 1 of 2 Courses**

PHSCS310 Physics By Inquiry: Mechanics - Physics By Inquiry: Mechanics 3.0

PHSCS311 Physics By Inquiry:Electricity - Physics By Inquiry:Electricity 3.0

**Requirement 4 — Complete 9 hours**

*Physics electives: Complete an additional 9 hours from the following (any physics course already taken will not double count).*

**Option 4.1 — Complete up to 3 hours**

*Complete UP TO 3.0 hours from the following. Courses from requirement 3 can't be double counted as electives.*

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

PHSCS310 Physics By Inquiry: Mechanics - Physics By Inquiry: Mechanics 3.0

PHSCS311 Physics By Inquiry:Electricity - Physics By Inquiry:Electricity 3.0

PHSCS313R Special Topics in Physics - Special Topics in Physics - *You may take once* 0.5v

**Option 4.2 — Complete up to 9 hours**

*Complete AT LEAST 6 hours from 300-, 400-, or 500-level physics courses, not including 310 or 311 or 399R (Phscs 321, 461, and 471 are highly recommended).*

C S502 Job Search Strategies - Job Search Strategies 1.0

CHEM500 Business Career Essentials - Business Career Essentials 1.5

PHSCS313R Special Topics in Physics - Special Topics in Physics - *You may take once* 0.5v

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS329 Observational Astronomy - Observational Astronomy 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS360 Statistical & Thermal Physics - Statistical & Thermal Physics 3.0

PHSCS391R Seminar in Current Physics - Seminar in Current Physics - *You may take once* 1.0

PHSCS416 Writing in Physics - Writing in Physics 3.0

PHSCS427 Stellar Astrophysics - Stellar Astrophysics 3.0

MATH215 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

**Requirement 4 —Complete 1 Requirement**

*Senior thesis:*

Complete a senior thesis, including the following:

A. Choose a research mentor and group as early as possible, starting with information in Phscs 191 and 192, and discussions with faculty, your advisor, and the senior thesis coordinator. It is best to start as a freshman or sophomore. Some internships may qualify for your project.

**Requirement 4.1 —Complete 2 hours**

*B.*

PHSCS498R Senior Thesis - Senior Thesis - *You may take up to 2.0 credit hours* 0.5v

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Students are required to take the Physics "Major Field Test" the last semester before they graduate. The test is a standardized assessment of undergraduate physics written by ETS (Educational Testing Service). The ETS website contains a description of the exam and sample problems: http://www.ets.org/mft/about/content/physics. Results of the exam do not appear on the transcript or affect the GPA. Students should contact the Physics undergraduate secretary to make arrangements for taking the exam; typically it's done in the Testing Center before mid-semester.

*Note: Students planning on graduate school in astronomy should consider taking all four of Phscs 360, 442, 452, 471, instead of only two. Gain statistics and computer programming skills beyond what you get in this major by taking courses such as Stat 201 (Statistics for Engineers and Scientists) and courses such as Phscs 430 (Computational Physics 3) and Me En 373 (Introduction to Scientific Computing).*

PHSCS428 Galaxies and Cosmology - Galaxies and Cosmology 3.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS451 Quantum Mechanics - Quantum Mechanics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS461 Introduction to Acoustics - Introduction to Acoustics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

PHSCS477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

PHSCS492R Capstone in Applied Phscs - Capstone in Applied Phscs - *You may take once* 0.5v

PHSCS497R Research in Physics - Research in Physics - *You may take once* 1.0v

PHSCS498R Senior Thesis - Senior Thesis - *You may take once* 0.5v

PHSCS540 Electr Eng Princpls & Practice - Electr Eng Princpls & Practice 2.0

PHSCS560 Acoustical Measurement Methods - Acoustical Measurement Methods 3.0

PHSCS561 Fundamentals of Acoustics - Fundamentals of Acoustics 3.0

PHSCS571 Lasers & Atoms - Lasers & Atoms 3.0

PHSCS581 Solid State Physics - Solid State Physics 3.0

PHSCS583 Nano and Surface Phscs - Nano and Surface Phscs 3.0

PHSCS585 Thin-Film Physics - Thin-Film Physics 3.0

PHSCS586 Trans Electron Microscopy - Trans Electron Microscopy 3.0

PHSCS587 Semiconductor Devices Phscs - Semiconductor Devices Phscs 3.0

PHSCS588 Scanning Electron Microscopy - Scanning Electron Microscopy 3.0

PHSCS599R Academic Internship - Academic Internship - *You may take once* 0.5v

**Requirement 5 — Complete 2 Requirements**

*Professional Education Component:*

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 5.1 — Complete 9 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 Ed Tec 2 - Integrating K-12 Ed Tec 2 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended

Lrn 1.0

PHY S276 Exploration of Teaching - Exploration of Teaching 4.0

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

PHY S378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Note: FBI fingerprint and background clearance must be completed prior to enrollment in Phy S 276.

**Requirement 5.2 — Complete 12 hours**

PHY S476 Secondary Student Teaching - Secondary Student Teaching 0.0v

PHY S496 Acad Intern: Secondary Ed - Acad Intern: Secondary Ed 0.0v

Student teachers/interns must complete three forms in their Educator accounts (PIBS, CDS, FED) and attach their TWS to the Educator account for their program. All four must be completed to be cleared for graduation.

## 694834 - Applied Physics: Acoustics (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Applied Physics: Acoustics | BS |
| Variable Credit Min | Variable Credit Max |
| 62 | 64 |

| Title | Learning Outcome |
|---|---|
| Physics Theory and Application | Apply principles to model and solve representative problems analytically and computationally, at an introductory level from the primary physical theories (classical mechanics, quantum mechanics, special relativity, thermodynamics, electromagnetism and optics), and at an advanced level in classical mechanics, electrostatics and optics/electrodynamics. |

| Title | Learning Outcome |
|---|---|
| Acoustics Theory and Application | Apply acoustical principles to representative problems, such as the generation, propagation and reception of sound, spectral analysis, room acoustics, noise control, hearing, and musical instruments. |

## 695201 - Statistics (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Statistics | MIN |
| Variable Credit Min | Variable Credit Max |
| 19 | 19 |

Free Form Requirements

**Requirement 1 — Complete 1 of 2 Courses**

*Note: Students who have passed the AP statistics exam or an introductory statistics course should not take Stat 121.*

STAT121 Principles of Statistics - Principles of Statistics 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

**Requirement 2 — Complete 6 Courses**

MATH112 Calculus 1 - Calculus 1 4.0

MATH213 Elementary Linear Algebra- Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

STAT230 Statistical Modeling 1 - Analysis of Variance 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

| | |
|---|---|
| Title<br>Experimental and Computational Skills | Learning Outcome<br>Design and conduct physical and acoustical experiments, write programs to simulate acoustical systems, and analyze data. |

| | |
|---|---|
| Title<br>Effective Communication | Learning Outcome<br>Communicate professionally to a technical audience both orally and in writing. Be able to understand scientific ideas by reading books and journal articles. |

| | |
|---|---|
| Title<br>Professional Ethics | Learning Outcome<br>Understand scientific ethical practices, and demonstrate them in the conduct of scientific research. |

| | |
|---|---|
| Title<br>Research and Professional Preparation | Learning Outcome<br>Conduct experimental, theoretical or computational research in acoustics under the direction of a mentor to contribute to the generation of new knowledge or technologies, and prepare to do this professionally. |

**Free Form Requirements**

*Consult with a faculty advisor as early as possible to choose electives.*

**Requirement 1 — Complete 18 Courses**

*Note: Phscs 191 should be taken the first semester as a freshman. Phscs 291 should be taken the first semester as a sophomore.*

C S111 Intro to Computer Science - Program Design and Validation 3.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermodynamics 3.0

PHSCS191 Intro Phscs Careers & Rsrch 1 - Intro Phscs Careers & Rsrch 1 0.5

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1 1.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

PHSCS245 Experiments in Contemp Phscs - Experiments in Contemp Phscs 2.0

PHSCS291 Intro Phscs Careers & Rsrch 2 - Intro Phscs Careers & Rsrch 2 0.5

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS461 Introduction to Acoustics- Introduction to Acoustics 3.0

**Requirement 2 — Complete 1 Course**

PHSCS442 Electrodynamics- Electrodynamics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

PHSCS561 Fundamentals of Acoustics- Fundamentals of Acoustics 3.0

**Requirement 3 — Obtain confirmation from your advisement center that you have completed the following:**

After gaining an acoustics advisor's approval of courses selected to define an option, complete an additional nine hours of acoustics-related electives (cannot include any courses already taken above). These nine hours must consist of a coherent set of upper-division courses with an identified acoustics-related educational goal. Six hours must be upper division (300-level or above); three hours must be 200-level or above.

**Requirement 4 — Complete 1 of 2 Options**

**Option 4.1 — Complete 2 Courses**

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

**Option 4.2 — Complete 4 Courses**

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

**Requirement 5 — Complete 2 hours**

*Complete a capstone project or senior thesis including the following: A. Choose a research mentor within the acoustics research group as early as possible. It is best to start as a freshman or sophomore. Interdisciplinary acoustics-related work in other departments or an acoustics-based internship is possible. B. Complete 2 hours of one of the following:*

PHSCS492R Capstone in Applied Phscs - Capstone in Applied Phscs - *You may take up to 2.0 credit hours* 0.5v

PHSCS498R Senior Thesis - Senior Thesis - *You may take up to 2.0 credit hours* 0.5v

Credit Hours 0.5

## 695220 - Statistics: Statistical Science (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Statistics: Statistical Science | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 53.5 | 53.5 |
| **Major Academic Plan** | |
| MAP - BS in Statistics 2023-2024.pdf | |

| Title | Learning Outcome |
|---|---|
| Skills in Fitting Statistical Models | Graduates of the program will demonstrate the ability to analyze data by appropriately fitting assessing and interpreting a variety of statistical models |

| Title | Learning Outcome |
|---|---|
| Communication Skills | Graduates of the program will write technical reports and make technical presentations containing statistical findings and work in teams to demonstrate the consulting skills of a professional statistician |

| Title | Learning Outcome |
|---|---|
| Computing Skills | Graduates of the program will be able to manipulate data use appropriate statistical methods document and debug code in one or more profession statistical software programs |

| Title | Learning Outcome |
|---|---|
| Theoretical Foundations | Graduates of the program will be able to solve problems in basic probability theory statistical inference and calculus. |

| Title | Learning Outcome |
|---|---|
| Academic Preparation | Be prepared to enter top graduate (masters and/or PhD) programs in statistics |

**Free Form Requirements**

**Requirement 1 — Complete 2 Courses**

STAT121 Principles of Statistics - Principles of Statistics 3.0

STAT130 Intro to Statistics Department - Intro to Statistics Department 0.5

**Requirement 2 —Complete 5 Courses**

*Statistics*

## 695224 - Actuarial Science (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Actuarial Science | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 56.5 | 56.5 |
| **Major Academic Plan** | |
| MAP - BS in Actuarial Science 2023-2024.pdf | |

| Title | Learning Outcome |
|---|---|
| Actuarial Exams | Graduates will prepare for take and pass the exams required for employment in the actuarial science profession |

| Title | Learning Outcome |
|---|---|
| Communication Skills | Graduates of the program will write technical reports and make technical presentations containing statistical and actuarial results. |

| Title | Learning Outcome |
|---|---|
| Skills in Applied Statistics and Computing | Graduates of the program will apply statistical methods using relevant software to solve real world problems |

**Free Form Requirements**

*Students must pass one exam of the Society of Actuaries (SOA), usually Exam FM, before declaring an actuarial science major. Students should declare another statistics emphasis until they pass an exam (Applied Statistics and Analytics offers an unofficial "pre-actuarial" path with early courses).*

**Requirement 1 —Complete 3 Courses**

STAT121 Principles of Statistics - Principles of Statistics 3.0

STAT130 Intro to Statistics Department - Intro to Statistics Department 0.5

STAT274 Theory of Interest - Theory of Interest 3.0

**Requirement 2 —Complete 5 Courses**

*Statistics core courses:*

STAT230 Statistical Modeling 1 - Analysis of Variance 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT250 Applied R Programming - Applied R Programming 3.0

STAT330 Statistical Modeling 2 - Statistical Modeling 2 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

**Requirement 3 —Complete 4 Courses**

*Mathematical foundation courses:*

*Statistics core courses:*

STAT230 Statistical Modeling 1 - Analysis of Variance 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT250 Applied R Programming - Applied R Programming 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

**Requirement 3 —Complete 4 Courses**

*Mathematical foundation courses:*

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

**Requirement 4 —Complete 3 hours**

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

**Requirement 5 —Complete 1 Course**

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

**Requirement 6 —Complete 6 hours**

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take once* 1.0v

STAT531 Experimental Design - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

**Requirement 7 —Complete 12 hours**

*Note: Courses used in Requirements 4 and 6 will not double count here. Note: No more than 3.0 hours of any combination of STAT 496R and STAT 497R can be used for this requirement.*

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

**Requirement 4 —Complete 3 hours**

*Recommended course: Actuarial science majors should take IS 520, but all of the courses are valuable.*

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

**Requirement 5 —Complete 3 Courses**

STAT344 Long-term Actuarial Math - Long-term Actuarial Math 3.0

STAT346 Short-term Actuarial Math - Short-term Actuarial Math 3.0

STAT348 Predictive Analytics - Stat for Risk Modeling 3.0

**Requirement 6 —Complete 3 hours**

*Note: If both courses are taken in requirement 6, one can be used as an elective in requirement 7. Students interested in life, finance, or pensions should take 444 and those interested in health or property/casualty should take 446.*

STAT444 Adv Long-term Act Math - Adv Long-term Act Math 3.0

STAT446 Adv Short-term Act Math - Adv Short-term Act Math 3.0

**Requirement 7 —Complete 9 hours**

*Note: Courses used to fulfill Requirements 4 and 6 will not double count here. Note: No more than 3.0 hours of any combination of STAT 496R and STAT 497R can be used for this requirement.*

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT381 Statistical Computing - Statistical Computing 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT395R Special Topics in Applied Stat - Special Topics in Applied Stat

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT274 Theory of Interest - Theory of Interest 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT348 Predictive Analytics - Predictive Analytics 3.0

STAT381 Statistical Computing - Statistical Computing 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT395R Special Topics in Applied Stat - Special Topics in Applied Stat - *You may take once* 1.0v

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours* 1.0v

STAT496R Academic Internship - Academic Internship - *You may take once* 0.5v

STAT497R Intro to Research - Intro to Research - *You may take once* 0.5v

STAT531 Experimental Design - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

*It is strongly recommended that students interested in graduate study in statistics choose electives to prepare for the BYU BS/MS statistics integrated program by meeting with the Statistics Department graduate coordinator.*

## 695233 - Statistics: Biostatistics (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Statistics: Biostatistics | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 53.5 | 53.5 |

**Major Academic Plan**

MAP - BS in Statistics 2023-2024.pdf

| Learning Outcome |
|---|

- *You may take up to 3.0 credit hours* 1.0v

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT444 Adv Long-term Act Math - Adv Long-term Act Math 3.0

STAT446 Adv Short-term Act Math - Adv Short-term Act Math 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours* 1.0v

STAT496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

STAT497R Intro to Research - Intro to Research - *You may take up to 3.0 credit hours* 0.5v

STAT531 Experimental Design - Experimental Design 3.0

*Recommended Courses: Students should take Econ 110, Acc 200, and Fin 201 to complete the Society of Actuaries VEEs. Additionally, IS 515 and IS 520 are valuable in the daily work of an actuary.*

## 695234 - Statistics: Applied Statistics & Analytics (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Statistics: Applied Statistics & Analytics | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 53.5 | 53.5 |

**Major Academic Plan**

MAP - BS in Statistics 2023-2024.pdf

| Title | Learning Outcome |
| --- | --- |
| Skills in Fitting Statistical Models | Graduates of the program will demonstrate the ability to analyze data by appropriately fitting assessing and interpreting a variety of statistical models |

| Title | Learning Outcome |
| --- | --- |
| Communication Skills | Graduates of the program will write technical reports and make technical presentations containing statistical results and work in teams to demonstrate the consulting skills of a professional statistician |

| Title | Learning Outcome |
| --- | --- |
| Computing Skills | Graduates of the program will be able to manipulate data implement statistical methods document and debug code in one or more profession statistical software programs |

| Title | Learning Outcome |
| --- | --- |
| Academic Preparation | Be prepared to enter top graduate (masters and/or PhD) programs in biostatistics |

| Title | Learning Outcome |
| --- | --- |
| Theoretical Foundations | Graduates of the program will be able to solve problems in basic probability theory statistical inference and calculus |

Free Form Requirements

**Requirement 1 — Complete 2 Courses**

STAT121 Principles of Statistics - Principles of Statistics 3.0

STAT130 Intro to Statistics Department - Intro to Statistics Department 0.5

**Requirement 2 — Complete 5 Courses**

*Statistics core courses:*

STAT230 Statistical Modeling 1 - Analysis of Variance 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT250 Applied R Programming - Applied R Programming 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

**Requirement 3 — Complete 4 Courses**

*Mathematical foundation courses:*

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0



| Title | Learning Outcome |
| --- | --- |
| Fitting Statistical Models | Graduates of the program will demonstrate the ability to analyze data by appropriately fitting assessing and interpreting a variety of statistical models |

| Title | Learning Outcome |
| --- | --- |
| Communication Skills | Graduates of the program will write technical reports and make technical presentations containing statistical results and work in teams to demonstrate the consulting skills of a professional statistician |

| Title | Learning Outcome |
| --- | --- |
| Computing Skills | Graduates of the program will be able to manipulate data use appropriate statistical methods to analyze data document and debug code in one or more statistical software programs. |

| Title | Learning Outcome |
| --- | --- |
| Theoretical Foundations | Graduates of the program will be able to solve problems in basic probability theory statistical inference and calculus. |

| Title | Learning Outcome |
| --- | --- |
| Professional Preparation | Be employable in jobs with BS Applied Statistics requirement |

Free Form Requirements

**Requirement 1 —Complete 2 Courses**

STAT121 Principles of Statistics - Principles of Statistics 3.0

STAT130 Intro to Statistics Department - Intro to Statistics Department 0.5

**Requirement 2 —Complete 5 Courses**

*Statistics core courses:*

STAT230 Statistical Modeling 1 - Analysis of Variance 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT250 Applied R Programming - Applied R Programming 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

**Requirement 3 —Complete 4 Courses**

*Mathematical foundation courses:*

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

**Requirement 4 — Complete 3 hours**

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

**Requirement 5 — Complete 1 Course**

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

**Requirement 6 — Complete 3 hours**

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

**Requirement 7 — Complete 6 hours**

*Note: If taken above, STAT 437 and 538 will not double count here.*

BIO350 Ecology - Ecology 3.0

CELL120 Science of Biology - Science of Biology 3.0

CELL305 Human Physiology - Human Physiology 4.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS340 Genetics - Genetics 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

**Requirement 8 — Complete 3 hours**

*Note: Courses used anywhere above will not double count here.*

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT274 Theory of Interest - Theory of Interest 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT348 Predictive Analytics - Predictive Analysis 3.0

STAT381 Statistical Computing - Statistical Computing 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

**Requirement 4 —Complete 3 hours**

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

**Requirement 5 —Complete 6 hours**

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take once* 1.0v

STAT531 Experimental Design - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

**Requirement 6 —Complete 15 hours**

*Note: Courses used in Requirements 4 and 5 will not double count here.*
*Note: No more than 3.0 hours of any combination of STAT 496R and STAT 497R can be used for this requirement.*

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT274 Theory of Interest - Theory of Interest 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT344 Long-term Actuarial Math - Long-term Actuarial Math 3.0

STAT346 Short-term Actuarial Math - Short-term Actuarial Math 3.0

STAT348 Predictive Analytics - Predictive Analytics 3.0

3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours* 1.0v

STAT531 Experimental Design - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

**Requirement 9 — Complete 6 hours**

*Note: Courses used anywhere above will not double count here. Note: No more than 3.0 credit hours of any combination of Stat 496R and Stat 497R may be counted toward this requirement. Note: It is strongly recommended that students interested in graduate study in biostatistics complete Math 341 and 342.*

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT274 Theory of Interest - Theory of Interest 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT348 Predictive Analytics - Predictive Analysis 3.0

STAT381 Statistical Computing - Statistical Computing 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT395R Special Topics in Applied Stat - Special Topics in Applied Stat - *You may take once* 1.0v

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours*

[redacted]

STAT381 Statistical Computing - Statistical Computing 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT395R Special Topics in Applied Stat - Special Topics in Applied Stat - *You may take up to 3.0 credit hours* 1.0v

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours* 1.0v

STAT496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

STAT497R Intro to Research - Intro to Research - *You may take up to 3.0 credit hours* 0.5v

STAT531 Experimental Design - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

STAT496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours*

STAT497R Intro to Research - Intro to Research - *You may take up to 3.0 credit hours*

STAT531 Experimental Design - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

## 695236 - Statistics: Data Science (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Statistics: Data Science | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 53.5 | 53.5 |

**Major Academic Plan**
MAP - BS in Statistics 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Skill in fitting statistical models | Graduates of the program will demonstrate the ability to analyze data by appropriately fitting, assessing, and interpreting a variety of statistical models. |
| Communication Skills | Graduates of the program will write technical reports and make technical presentations containing statistical results, and work in teams to demonstrate the consulting skills of a professional statistician |
| Computing Skills | Graduates of the program will be able to manipulate data, implement statistical methods, document, debug code, understand basic programming constructs, use fundamental data types of computing in one or more statistics or data science software programs |
| Theoretical Foundations | Graduates of the program will be able to solve problems in basic probability theory, statistical inference, and calculus. |
| | Be employable in jobs with BS Statistics requirement and/or |

## 731001 - Global Women's Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Global Women's Studies | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 16 |

| Title | Learning Outcome |
|---|---|
| Effective Communication and Analysis | 3. Students will be able to read write and think analytically. They will be able to conduct research using primary and secondary sources and communicate that research effectively in oral written and multi-media presentations. |
| Women's Contributions | 2. Students will be able to demonstrate knowledge of the worldwide contributions of women (individually and collectively) to history culture politics health sciences religions family etc. |
| Women and Society | 1. Students will be able to demonstrate knowledge of the ways different institutions (such as religion education media family government and law) issues (gender-based violence health representation in the media the workplace) and factors (race ethnicity class |

**Free Form Requirements**

**Requirement 1 — Complete 1 course**

GWS222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

**Requirement 2 —Complete 2 of 3 courses**

GWS392R GWS Colloquium - GWS Colloquium - *You may take 2 times* 1.0

GWS392R GWS Colloquium - GWS Colloquium - *You may take 2 times* 1.0

| Title | |
|---|---|
| Professional Preparation | Statistics requirement and of many jobs with BS Data Science requirement |

Free Form Requirements

**Requirement 1 —Complete 2 Courses**

STAT121 Principles of Statistics - Principles of Statistics 3.0

STAT130 Intro to Statistics Department - Intro to Statistics Department 0.5

**Requirement 2 —Complete 6 Courses**

*Statistics core courses:*

STAT230 Statistical Modeling 1 - Analysis of Variance 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT250 Applied R Programming - Applied R Programming 3.0

STAT251 Intro to Bayesian Statistics - Introduction to Bayesian Statistics 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

**Requirement 3 — Complete 4 Courses**

*Mathematical foundation courses:*

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

**Requirement 4 —Complete 3 hours**

C S180 Intro to Data Science - Intro to Data Science 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

**Requirement 5 —Complete 1 of 2 Options**

**Option 5.1 —Complete 2 Courses**

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

**Option 5.2 —Complete 2 Courses**

STAT386 Data Science Process - Data Science Process 3.0

STAT486 Machine Learning - Machine Learning 3.0

**Requirement 6 —Complete 2 Courses**

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

**Requirement 7 —Complete 3 hours**

*Courses taken in any of the requirements above will not double count here.*

GWS394R GWS Topics in Other Languages - GWS Topics in Other Languages - *You may take once* 1.0v

**Requirement 3 — Complete 3 hours**

ANTHR431 Kinship, Race, and Gender - Kinship & Gender 3.0

COMMS481 Gender, Race, & Class in Media - Gender, Race, & Class in Media 3.0

GWS332 History Latter-day Saint Women - History Latter-day Saint Women 3.0

GWS341 Women and Global Migration - Women and Global Migration 3.0

GWS370 Women in Science - Women in Science 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST378 History of American Families - History of American Families 3.0

HIST384 US Women's History - US Women's History 3.0

HLTH450 Women's Health - Women's Health 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC345 World Populations - World Populations 3.0

SOC360 Intro to Family Sociology - Intro to Family Sociology 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

**Requirement 4 — Complete 3 hours**

ARAB427 Arab Women Authors - Arab Women Authors 2.0

ARTHC301 Women in Art - Women in Art 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

FREN458R Women in French Literature - Women in French Literature - *You may take once* 3.0

GERM430 Women's Studies Seminar - Women's Studies Seminar 3.0

GWS330 Women in the Scriptures - Women in the Scriptures 3.0

GWS337R LDS Women Cultural Producers - LDS Women Cultural Producers - *You may take once* 3.0

STAT381 Statistical Computing - Statistical Computing 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take once* 1.0v

STAT531 Experimental Design - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

**Requirement 8 —Complete 6 hours**

*Courses taken in any of the requirements above will not double count here. No more than 3.0 hours of any combination of STAT 496R and STAT 497R can be used for this requirement.*

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT274 Theory of Interest - Theory of Interest 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT348 Predictive Analytics - Predictive Analytics 3.0

STAT381 Statistical Computing - Statistical Computing 3.0

STAT395R Special Topics in Applied Stat - Special Topics in Applied Stat - *You may take up to 3.0 credit hours* 1.0v

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Intro to Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours* 1.0v

STAT496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

STAT497R Intro to Research - Intro to Research - *You may take up to 3.0 credit hours* 0.5v

STAT531 Experimental Design - Experimental Design 3.0

GWS350 Medieval Europe Women Writers - Medieval Europe Women Writers 3.0

GWS351 Early Mod Europ Women Writers - Early Mod Europ Women Writers 3.0

GWS352 Mod European Women Writers - Mod European Women Writers 3.0

GWS354 Pan American Women Writers - Pan American Women Writers 3.0

GWS358 Women and World Cinema - Women and World Cinema 3.0

GWS397R GWS Editing for Publication - GWS Editing for Publication - *You may take once* 1.0v

GWS422 Global Women's Studies Theory - Global Women's Studies Theory 3.0

ITAL445 Italian Women Writers - Italian Women Writers 3.0

PHIL370R Women and Philosophy - Women and Philosophy - *You may take once* 3.0

PORT437R Women Writers in Portuguese - Women Writers in Portuguese - *You may take once* 3.0

SPAN437R Women Writers in Spanish - Women Writers in Spanish - *You may take once* 3.0

**Requirement 5 — Complete 3 hours**

GWS330 Women in the Scriptures - Women in the Scriptures 3.0

GWS332 History Latter-day Saint Women - History Latter-day Saint Women 3.0

GWS337R LDS Women Cultural Producers - LDS Women Cultural Producers - *You may take once* 3.0

GWS341 Women and Global Migration - Women and Global Migration 3.0

GWS350 Medieval Europe Women Writers - Medieval Europe Women Writers 3.0

GWS351 Early Mod Europ Women Writers - Early Mod Europ Women Writers 3.0

GWS352 Mod European Women Writers - Mod European Women Writers 3.0

GWS354 Pan American Women Writers - Pan American Women Writers 3.0

GWS358 Women and World Cinema - Women and World Cinema 3.0

GWS360R Women Who Made a Difference - Women Who Made a Difference - *You may take once* - 1.0v

GWS370 Women in Science - Women in Science 3.0

GWS390R Special Topics - Special Topics - *You may take once* 1.0v

GWS394R GWS Topics in Other Languages - GWS Topics in Other Languages - *You may take once* 1.0v

GWS395R GWS Mentored Study Experience - GWS Mentored Study Experience - *You may take once* 1.0v

GWS397R GWS Editing for Publication - GWS Editing for Publication - *You may take once* 1.0v

STAT538 Survival Analysis - Survival Analysis 3.0

GWS399R GWS Internship - GWS Internship - *You may take once* 1.0v

GWS422 Global Women's Studies Theory - Global Women's Studies Theory 3.0

**Requirement 6 — Complete 1 course**

GWS492 GWS Capstone - GWS Capstone 2.0

## 732001 - Anthropology (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Anthropology | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 16 |

**Free Form Requirements**

**Requirement 1 — Complete 16 hours**

*No more than two courses can be taken from lower-division (100-level) course offerings.*

ANTHR101 Social/Cultural Anthropology - Social/Cultural Anthropology 3.0

ANTHR103 Archaeology Field Trip - Archaeology Field Trip 1.0

ANTHR110 Discovering Archaeology - Intro to Archaeology 3.0

ANTHR150 Introduction to the Major - Introduction to the Major 0.5

ANTHR201 Foundations of Social Theory - Foundations of Social Theory 3.0

ANTHR202 Foundations of Anthr Theory - Foundations of Anthr Theory 3.0

06852-003 - Missing course - Ancient Technology 3.0

ANTHR215 Archaeological Method Theory - Archaeol:Mthd,Thry 3.0

ANTHR300 Biological Anthropology - Biological Anthropology 3.0

ANTHR301 Human Osteology - Human Osteology 3.0

ANTHR309 Language, Culture, & Society - Language, Culture, & Society 3.0

ANTHR311 Museums & Cultures - Museums & Cultures 3.0

ANTHR312 Intercultural Communication - Intercultural Communication 3.0

ANTHR314 Museum Registration & Ethics - Museum Registration & Ethics 3.0

ANTHR327 The Hmong Diaspora - The Hmong Diaspora 3.0

ANTHR328 Andean South America - Andean South America 3.0

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

00304-002 - Missing course - Peoples of India 3.0

ANTHR336 Cinema & Culture in India - Cinema & Culture in India 3.0

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

## 732030 - Anthropology (Sociocultrl Double Major) (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Anthropology (Sociocultrl Double Major) | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 33.5 | 36.5 |

**Major Academic Plan**

MAP - BA in Anthropology (Sociocultrl Double Major) 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| See Anthropology BA Sociocultural | See Anthropology BA Sociocultural. |

**Free Form Requirements**

**Requirement 1 — Obtain confirmation from your advisement center that you have completed the following:**

Complete all requirements of a primary major. Double counting courses between primary major and anthropology will not be allowed.

**Requirement 2 — Complete 18.5 hours**

ANTHR101 Social/Cultural Anthropology - Social/Cultural Anthropology 3.0

ANTHR150 Introduction to the Major - Introduction to the Major 0.5

ANTHR201 Foundations of Social Theory - Foundations of Social Theory 3.0

ANTHR202 Foundations of Anthr Theory - Foundations of Anthr Theory 3.0

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

ANTHR495R Ethnographic Field Project - Ethnographic Field Project - *You may take once* 3.0v

ANTHR499 Senior Thesis - Senior Thesis 3.0

*Note: The major requires that a field project be completed in one of the recognized field schools conducted by a member of the BYU faculty. A local field work option is available in exceptional circumstances and must be approved by the entire faculty.*

**Requirement 3 — Complete 6 hours**

ANTHR327 The Hmong Diaspora - The Hmong Diaspora 3.0

ANTHR328 Andean South America - Andean South America 3.0

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

00304-002 - Missing course - Peoples of India 3.0

ANTHR343 Chinese Culture & Society - Chinese Culture & Society 3.0

ANTHR344 Korean Culture - Korean Culture 3.0

ANTHR345 American Culture - American Culture 3.0

06853-003 - Missing course - Anthropology of Mormonism 3.0

11635-000 - Missing course - Contemporary Japan 3.0

ANTHR350 Arch Cultures of N America - Arch Cultures of N America 3.0

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR355 Arch Mesoamerica - Arch Mesoamerica 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR376 Arch of Ancient Aegean&Greece - Arch of Ancient Aegean&Greece 3.0

ANTHR377 Arch of Roman Civilization - Arch of Roman Civilization 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ANTHR379 Archaeology of Islam - Archaeology of Islam 3.0

ANTHR385 Archaeology of Europe - Archaeology of Europe 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take once* 0.5v

ANTHR402 Quantitative Methods - Quantitative Methods 3.0

ANTHR404 Historical Anthropology - Historical Anthropology 3.0

ANTHR405 Archaeological Science - Archaeological Science 3.0

ANTHR406 Digital Archaeology - Archaeoinformatics 3.0

ANTHR410 Ethnoarchaeology - Ethnoarchaeology 3.0

ANTHR412 Museum Collections Management - Museum Collections Management 3.0

ANTHR414 Museum Projects - Museum Projects 3.0

ANTHR430 Moral & Ritual Institutions - Moral & Ritual Institutions 3.0

ANTHR431 Kinship, Race, and Gender - Kinship & Gender 3.0

ANTHR432 Economic&Political Institutns - Economic&Political Institutns 3.0

ANTHR434 Medical Anthropology - Medical Anthropology 3.0

ANTHR436 Symbolic Anthropology - Symbolic Anthropology 3.0

ANTHR439 Psychological Anthropology - Psychological Anthropology 3.0

ANTHR440 The End of the World - The End of the World 3.0

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

ANTHR247 Applied Anthropology - Applied Anthropology 3.0

ANTHR450 Anthropology Seminar - Anthropology Seminar 1.0

ANTHR454 Field School Prep - Field School Prep 2.0

ANTHR455 Field School of Archaeology - Field School of Archaeology 6.0

ANTHR456 Lab Skills for Anthropology - Lab Skills for Anthropology 3.0

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR343 Chinese Culture & Society - Chinese Culture & Society 3.0

ANTHR344 Korean Culture - Korean Culture 3.0

ANTHR345 American Culture - American Culture 3.0

06853-003 - Missing course - Anthropology of Mormonism 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take up to 6.0 credit hours* 0.5v

**Requirement 4 — Complete 6 hours**

ANTHR309 Language, Culture, & Society - Language, Culture, & Society 3.0

ANTHR402 Quantitative Methods - Quantitative Methods 3.0

ANTHR404 Historical Anthropology - Historical Anthropology 3.0

ANTHR430 Moral & Ritual Institutions - Moral & Ritual Institutions 3.0

ANTHR431 Kinship, Race, and Gender - Kinship & Gender 3.0

ANTHR432 Economic&Political Institutns - Economic&Political Institutns 3.0

ANTHR434 Medical Anthropology - Medical Anthropology 3.0

ANTHR436 Symbolic Anthropology - Symbolic Anthropology 3.0

ANTHR439 Psychological Anthropology - Psychological Anthropology 3.0

ANTHR440 The End of the World - The End of the World 3.0

ANTHR450 Anthropology Seminar - Anthropology Seminar 1.0

ANTHR490R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 0.5v

ANTHR503 Contemporary Theory - Contemporary Theory 3.0

ANTHR543 Ethnographic Data Analysis - Ethnographic Data Analysis 3.0

**Requirement 5 — Complete 3 hours**

*Additional electives not previously taken from above two lists:*

ANTHR309 Language, Culture, & Society - Language, Culture, & Society 3.0

ANTHR312 Intercultural Communication - Intercultural Communication 3.0

ANTHR327 The Hmong Diaspora - The Hmong Diaspora 3.0

ANTHR328 Andean South America - Andean South America 3.0

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

00304-002 - Missing course - Peoples of India 3.0

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR343 Chinese Culture & Society - Chinese Culture & Society 3.0

ANTHR344 Korean Culture - Korean Culture 3.0

ANTHR490R Special Topics - Special Topics - *You may take once* 0.5v

ANTHR497 Directed Readings - Directed Readings 3.0

ANTHR499 Senior Thesis - Senior Thesis 3.0

ANTHR345 American Culture - American Culture 3.0

06853-003 - Missing course - Anthropology of Mormonism 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take up to 3.0 credit hours* 0.5v

ANTHR402 Quantitative Methods - Quantitative Methods 3.0

ANTHR404 Historical Anthropology - Historical Anthropology 3.0

ANTHR430 Moral & Ritual Institutions - Moral & Ritual Institutions 3.0

ANTHR431 Kinship, Race, and Gender - Kinship & Gender 3.0

ANTHR432 Economic&Political Institutns - Economic&Political Institutns 3.0

ANTHR434 Medical Anthropology - Medical Anthropology 3.0

ANTHR436 Symbolic Anthropology - Symbolic Anthropology 3.0

ANTHR439 Psychological Anthropology - Psychological Anthropology 3.0

ANTHR440 The End of the World - The End of the World 3.0

ANTHR490R Special Topics in Anthropology - Special Topics - *You may take up to 3.0 credit hours* 0.5v

ANTHR503 Contemporary Theory - Contemporary Theory 3.0

ANTHR543 Ethnographic Data Analysis - Ethnographic Data Analysis 3.0

*Note: Only 6 hours may be taken in 390R courses to count in the major. They may be taken as electives beyond this point.*

## 732034 - Anthropology: Archaeology (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Archaeology | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 44.5 | 44.5 |

**Major Academic Plan**

MAP - BA in Anthropology Archaeology 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Effective and Professional Communication | Graduates will be able to write well. |

| Title | Learning Outcome |
|---|---|
| Research Skills and Methods | Graduates will be able to appropriately use methods to gather process and interpret archaeological data. |

| Title | Learning Outcome |
|---|---|
| | Graduates will possess a solid knowledge of the diversity of past human cultures throughout the world as well as how the theories |

## 732035 - Anthropology: Sociocultural (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Anthropology: Sociocultural | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 45.5 | 45.5 |

**Major Academic Plan**

MAP - BA in Anthropology Sociocultural 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Critical Thinking and Analysis | By learning to think anthropologically program graduates will be prepared to analyze and understand human activity sociality and thought. Graduates will be able to uncover and explain the real conditions and social contexts of human problems and social systems of organization including economy kinship law religion. |

| Title | Learning Outcome |
|---|---|
| Effective Writing | Graduates will be able to write clearly and precisely. |

| Title | Learning Outcome |
|---|---|
| Human Cultural History and Diversity | and methodologies of Archaeology have contributed to that knowledge. |

| Title | Learning Outcome |
|---|---|
| Theory | Program graduates will understand and be able apply appropriate theory in the analysis of archaeological problems. |

| Title | Learning Outcome |
|---|---|
| Original Mentored Research | Students will be able to apply their methodological and theoretical knowledge in original research projects culminating in a high quality theoretically informed senior thesis. This will come from research experiences that are closely mentored by faculty. |

Free Form Requirements

**Requirement 1 — Complete 6 Courses**

ANTHR101 Social/Cultural Anthropology - Social/Cultural Anthropology 3.0

ANTHR110 Discovering Archaeology - Intro to Archaeology 3.0

ANTHR150 Introduction to the Major - Introduction to the Major 0.5

ANTHR201 Foundations of Social Theory - Foundations of Social Theory 3.0

ANTHR202 Foundations of Anthr Theory - Foundations of Anthr Theory 3.0

ANTHR215 Archaeological Method Theory - Archaeol:Mthd,Thry 3.0

**Requirement 2 —Complete 3 hours**

*Old world archaeology courses (Note: Anthr 390R and 590R must be an old world topic. Only 6 hours may be taken in 390R courses to count in the major. They may be taken as electives beyond this point):*

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR376 Arch of Ancient Aegean&Greece - Arch of Ancient Aegean&Greece 3.0

ANTHR377 Arch of Roman Civilization - Arch of Roman Civilization 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ANTHR379 Archaeology of Islam - Archaeology of Islam 3.0

ANTHR385 Archaeology of Europe - Archaeology of Europe 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take up to 3.0 credit hours* 0.5v

ANTHR580 Near East Seminar - Near East Seminar 3.0

ANTHR 590R - Special Topics - *You may take up to 3.0 credit hours* 3.0

| Title | Learning Outcome |
|---|---|
| Social Theory | Program graduates will understand and apply essential frameworks of contemporary social theory to comprehend the nature of human agency and action the relationship between actors and social structures the role of meaning in human cognition the relationship between people and things. |

| Title | Learning Outcome |
|---|---|
| Research Skills and Methods | Graduates will gain experience with research methods used to gather process and interpret ethnographic data. |

| Title | Learning Outcome |
|---|---|
| Original Mentored Research | Students will be able to apply their cultural methodological and theoretical knowledge in original research projects culminating in a high quality theoretically informed senior thesis. This will come from research experiences that are closely mentored by faculty. |

| Title | Learning Outcome |
|---|---|
| Human Cultural History and Diversity | Students will be able to understand and interpret diverse social and cultural worlds through empirical research and empathetic engagement. |

Free Form Requirements

**Requirement 1 — Complete 5 Courses**

ANTHR101 Social/Cultural Anthropology - Social/Cultural Anthropology 3.0

ANTHR110 Discovering Archaeology - Intro to Archaeology 3.0

ANTHR150 Introduction to the Major - Introduction to the Major 0.5

ANTHR201 Foundations of Social Theory - Foundations of Social Theory 3.0

ANTHR202 Foundations of Anthr Theory - Foundations of Anthr Theory 3.0

**Requirement 2 —Complete 9 hours**

*Peoples courses (NOTE: Only 6 hours may be taken in 390R courses or in Language Classes to count in the major. They may be taken as electives beyond this point):*

ANTHR327 The Hmong Diaspora - The Hmong Diaspora 3.0

ANTHR328 Andean South America - Andean South America 3.0

**Requirement 3 —Complete 3 hours**

*New world archaeology courses (Note: Anthr 390R and 590R must be a new world topic. Only 6 hours may be taken in 390R courses to count in the major. They may be taken as electives beyond this point):*

ANTHR328 Andean South America - Andean South America 3.0

ANTHR350 Arch Cultures of N America - Arch Cultures of N America 3.0

ANTHR355 Arch Mesoamerica - Arch Mesoamerica 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take up to 3.0 credit hours* 0.5v

ANTHR530 Great Basin Archaeology - Great Basin Archaeology 3.0

ANTHR535 Southwest Seminar - Southwest Seminar 3.0

ANTHR562 Formative Mesoamerica - Formative Mesoamerica 3.0

ANTHR 590R - Special Topics - *You may take up to 3.0 credit hours* 3.0

**Requirement 4 —Complete 3 hours**

*ANTHR 390R must be archaeology topics only.*

ANTHR103 Archaeology Field Trip - Archaeology Field Trip 1.0

06852-003 - Missing course - Ancient Technology 3.0

ANTHR301 Human Osteology - Human Osteology 3.0

ANTHR311 Museums & Cultures - Museums & Cultures 3.0

ANTHR314 Museum Registration & Ethics - Museum Registration & Ethics 3.0

ANTHR350 Arch Cultures of N America - Arch Cultures of N America 3.0

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR355 Arch Mesoamerica - Arch Mesoamerica 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR376 Arch of Ancient Aegean&Greece - Arch of Ancient Aegean&Greece 3.0

ANTHR377 Arch of Roman Civilization - Arch of Roman Civilization 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ANTHR379 Archaeology of Islam - Archaeology of Islam 3.0

ANTHR385 Archaeology of Europe - Archaeology of Europe 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take once* 0.5v

ANTHR402 Quantitative Methods - Quantitative Methods 3.0

ANTHR404 Historical Anthropology - Historical Anthropology 3.0

ANTHR405 Archaeological Science - Archaeological Science 3.0

ANTHR406 Digital Archaeology - Archaeoinformatics 3.0

ANTHR410 Ethnoarchaeology - Ethnoarchaeology 3.0

ANTHR412 Museum Collections Management - Museum Collections Management 3.0

ANTHR414 Museum Projects - Museum Projects 3.0

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

00304-002 - Missing course - Peoples of India 3.0

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR343 Chinese Culture & Society - Chinese Culture & Society 3.0

ANTHR344 Korean Culture - Korean Culture 3.0

06853-003 - Missing course - Anthropology of Mormonism 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take up to 9.0 credit hours* 0.5v

HMONG101 First-Year Hmong - First-Year Hmong 4.0

HMONG102 First-Year Hmong - First-Year Hmong 4.0

HMONG201 Second-Year Hmong - Second-Year Hmong 4.0

HMONG202 Second-Year Hmong - Second-Year Hmong 4.0

KOREA101 First-Year Korean 1 - First-Year Korean 1 4.0

KOREA102 First-Year Korean 2 - First-Year Korean 2 4.0

KOREA201 Second-Year Korean 1 - Second-Year Korean 1 4.0

KOREA202 Second-Year Korean 2 - Second-Year Korean 2 4.0

**Requirement 3 —Complete 12 hours**

*Systems/Institution courses:*

**Option 3.1 —Complete at least 9 hours up to 12 hours**

ANTHR300 Biological Anthropology - Biological Anthropology 3.0

ANTHR309 Language, Culture, & Society - Language, Culture, & Society 3.0

ANTHR404 Historical Anthropology - Historical Anthropology 3.0

ANTHR420 Visual Anthro - Visual Anthro 3.0

ANTHR430 Moral & Ritual Institutions - Moral & Ritual Institutions 3.0

ANTHR431 Kinship, Race, and Gender - Kinship & Gender 3.0

ANTHR432 Economic&Political Institutns - Economic & Political Institutns 3.0

ANTHR434 Medical Anthropology - Medical Anthropology 3.0

ANTHR436 Symbolic Anthropology - Symbolic Anthropology 3.0

ANTHR439 Psychological Anthropology - Psychological Anthropology 3.0

ANTHR440 The End of the World - The End of the World 3.0

ANTHR247 Applied Anthropology - Applied Anthropology 3.0

ANTHR450 Anthropology Seminar - Anthropology Seminar 1.0

ANTHR490R Special Topics - Special Topics - *You may take up to 15.0 credit hours* 0.5v

ANTHR496R Academic Internship - Academic Internship - *You may take once* 0.5v

ANTHR503 Contemporary Theory - Contemporary Theory 3.0

ANTHR490R Special Topics in Anthropology - Special Topics in Archaeology - *You may take once* 0.5v

ANTHR512 Heritage Resource Mgt - Heritage Resource Mgt 3.0

ANTHR530 Great Basin Archaeology - Great Basin Archaeology 3.0

ANTHR535 Southwest Seminar - Southwest Seminar 3.0

ANTHR562 Formative Mesoamerica - Formative Mesoamerica 3.0

ANTHR580 Near East Seminar - Near East Seminar 3.0

**Requirement 5 —Complete 6 hours**

ANTHR103 Archaeology Field Trip - Archaeology Field Trip 1.0

ANTHR 108R - Anthro Films - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0

06852-003 - Missing course - Ancient Technology 3.0

ANTHR300 Biological Anthropology - Biological Anthropology 3.0

ANTHR301 Human Osteology - Human Osteology 2.0

ANTHR309 Language, Culture, & Society - Language, Culture, & Society 3.0

ANTHR311 Museums & Cultures - Museums & Cultures 3.0

ANTHR312 Intercultural Communication - Intercultural Communication 3.0

ANTHR314 Museum Registration & Ethics - Museum Registration & Ethics 3.0

ANTHR328 Andean South America - Andean South America 3.0

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

00304-002 - Missing course - Peoples of India 3.0

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR343 Chinese Culture & Society - Chinese Culture & Society 3.0

ANTHR344 Korean Culture - Korean Culture 3.0

ANTHR345 American Culture - American Culture 3.0

06853-003 - Missing course - Anthropology of Mormonism 3.0

11635-000 - Missing course - Contemporary Japan 3.0

ANTHR350 Arch Cultures of N America - Arch Cultures of N America 3.0

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR355 Arch Mesoamerica - Arch Mesoamerica 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR376 Arch of Ancient Aegean&Greece - Arch of Ancient Aegean&Greece 3.0

ANTHR377 Arch of Roman Civilization - Arch of Roman Civilization 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ANTHR379 Archaeology of Islam - Archaeology of Islam 3.0

ANTHR543 Ethnographic Data Analysis - Ethnographic Data Analysis 3.0

LING550 Sociolinguistics - Sociolinguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

PSYCH311 Critical Issues in Psychology - Critical Issues in Psychology 3.0

**Option 3.2 —Complete up to 3 hours**

*Up to 3 hours of the following Museum Studies courses may be used to complete the 12 hour requirement.*

ANTHR311 Museums & Cultures - Museums & Cultures 3.0

ANTHR314 Museum Registration & Ethics - Museum Registration & Ethics 3.0

ANTHR412 Museum Collections Management - Museum Collections Management 3.0

ANTHR414 Museum Projects - Museum Projects 3.0

07440-003 - Missing course - Museums & Cultures 3.0

**Requirement 4 —Complete 3 Requirements**

*Complete the following in sequential order:*

**Requirement 4.1 —Complete 1 Course**

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

**Requirement 4.2 —Complete 6 hours**

*Note: The major requires that a field project be completed in one of the recognized field schools conducted by a member of the BYU faculty. A local field work option is available in exceptional circumstances and must be approved by the entire faculty.*

ANTHR495R Ethnographic Field Project - Ethnographic Field Project - *You may take up to 6.0 credit hours* 3.0v

**Requirement 4.3 —Complete 1 Course**

ANTHR499 Senior Thesis - Senior Thesis 3.0

ANTHR379 Archaeology of Islam - Archaeology of Islam 3.0

ANTHR385 Archaeology of Europe - Archaeology of Europe 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take once* 0.5v

ANTHR402 Quantitative Methods - Quantitative Methods 3.0

ANTHR404 Historical Anthropology - Historical Anthropology 3.0

ANTHR405 Archaeological Science - Archaeological Science 3.0

ANTHR406 Digital Archaeology - Archaeoinformatics 3.0

ANTHR410 Ethnoarchaeology - Ethnoarchaeology 3.0

ANTHR412 Museum Collections Management - Museum Collections Management 3.0

ANTHR414 Museum Projects - Museum Projects 3.0

ANTHR430 Moral & Ritual Institutions - Moral & Ritual Institutions 3.0

ANTHR431 Kinship, Race, and Gender - Kinship & Gender 3.0

ANTHR432 Economic&Political Institutns - Economic&Political Institutns 3.0

ANTHR434 Medical Anthropology - Medical Anthropology 3.0

ANTHR436 Symbolic Anthropology - Symbolic Anthropology 3.0

ANTHR439 Psychological Anthropology - Psychological Anthropology 3.0

ANTHR440 The End of the World - The End of the World 3.0

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

ANTHR247 Applied Anthropology - Applied Anthropology 3.0

ANTHR450 Anthropology Seminar - Anthropology Seminar 1.0

00355-006 - Missing course - Special Topics in Theory & Sys - *You may take once* 0.5v

00355-009 - Missing course - Adv Sem Psychological Anthro - *You may take once* 0.5v

00355-007 - Missing course - Special Topics Sociocltrl Anth - *You may take once* 0.5v

ANTHR490R Special Topics - Special Topics - *You may take once* 0.5v

ANTHR495R Ethnographic Field Project - Ethnographic Field Project - *You may take once* 3.0v

ANTHR496R Academic Internship - Academic Internship - *You may take once* 0.5v

ANTHR497 Directed Readings - Directed Readings 3.0

ANTHR503 Contemporary Theory - Contemporary Theory 3.0

ANTHR543 Ethnographic Data Analysis - Ethnographic Data Analysis 3.0

**Requirement 6 —Complete 4 Courses**

*Complete the following in sequential order:*

ANTHR454 Field School Prep - Field School Prep 2.0

ANTHR455 Field School of Archaeology - Field School of Archaeology 6.0

3.0

ANTHR456 Lab Skills for Anthropology - Lab Skills for Anthropology 3.0

ANTHR499 Senior Thesis - Senior Thesis 3.0

## 732202 - Family Life (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Family Life | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 15 |

**Free Form Requirements**

*This minor is intended for non-School of Family Life majors only.*

*The School of Family Life requires a minimum of nine hours to be taken in residence at BYU and from the School of Family Life for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 — Complete 3 Courses**

SFL160 Intro to Family Processes - Intro to Family Processes 3.0

SFL210 Human Development - Human Development 3.0

SFL260 Family Finance - Family Finance 3.0

**Requirement 2 — Complete 6 hours**

SC ED476R Secondary Student Teaching - Secondary Student Teaching - *You may take once* 12.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SFL185R Basic Sewing Techniques - Basics of Clothing Constructn - *You may take once* 3.0

SFL200 Strengthening Marriage/Family - The Eternal Family 3.0

SFL202 Design in the Home - Design in the Home 3.0

SFL205 Home and Family Living - Home and Family Living 3.0

SFL215 Advanced Food Preparation - Advanced Food Preparation 3.0

SFL221 Foundations of DAP - Foundations of DAP 2.0

SFL222 DAP Practicum - DAP Practicum 2.0

SFL223 Preparation for Marriage - Preparation for Marriage 3.0

07749-004 - Missing course - Marriage Enhancement 3.0

SFL230 Housing the Family - Housing the Family 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL261 Consumerism and the Market - Consumerism and the Market 3.0

SFL276R Exploration of Tchg-Fam & CS - Exploration of Tchg-Fam & CS - *You may take once* 3.0v

SFL280 Dynamics of Clothing - Dynamics of Clothing 3.0

SFL287 Intermed Sewing Techniques - Intermed Clothing Construction 3.0

## 733704 - Geospatial Science & Technology (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Geospatial Science & Technology | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 21 | 22 |

**Free Form Requirements**

**Requirement 1 — Complete 4 Courses**

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG312 Cartographic Desgn - Cartographic Desgn 4.0

**Requirement 2 — Complete 3 of 7 Courses**

10341-000 - Missing course - Earth & Image Interpretation 2.0

GEOG217 Programming for Geographers - Programming for Geographers 3.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG411 Issues in Computer Cartography - Issues in Computer Cartography 3.0

GEOG412 Advanced GIS - Advanced GIS 3.0

GEOG413 Remote Sensing 2 - Remote Sensing 2 3.0

GEOG521R GIS Practicum - GIS Practicum - *You may take once* 3.0

SFL290 Critical Inquiry&Research Meth - Critical Inquiry&Research Meth 3.0

SFL305 Applied Stats/Data Management - Applied Stats/Data Management 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

SFL325 Marital Relationships - Marital Relationships 3.0

SFL328 Hist of Interior Design&Arch 1 - Hist of Interior Design&Arch 1 3.0

SFL329 Hist of Interior Design&Arch 2 - Hist of Interior Design&Arch 2 3.0

SFL330 Pre-Prof Prep for MFT - Pre-Prof Prep for MFT 1.0

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL336 Theories in Fam Perspective - Theories in Fam Perspective 3.0

SFL340 Family Meal Management - Family Meal Management 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SFL351 Social Development - Social Development 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

ECE355 Language Development - Language Development 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL359 Child Life - Child Life 3.0

SFL360 Advanced Family Finance - Advanced Family Finance 3.0

SFL370 Families in Communities - Families in Communities 3.0

SFL371 Consumer Sciences Technology - Consumer Sciences Technology 1.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL377 Tchg Mthds in Fam&Cons Sci Ed - Tchg Mthds in Fam&Cons Sci Ed 3.0

SFL378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SFL379 Class & Lab management - Class & Lab management 1.0

SFL380 History of Apparel - History of Apparel 3.0

SFL382 Textiles - Textiles 3.0

SFL382 Textiles - Textiles 3.0

SFL387 Adv Sewing: Patternmaking - Adv Clothing: Patternmaking 3.0

SFL393R Special Projects in Clothing - Special Projects in Clothing - *You may take once* 0.5v

SFL395R Special Topics in Family Life - Special Topics in Family Life - *You may take once* 1.0v

SFL399R Academic Internship - Academic Internship - *You may take once* 1.0v

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL420 Admin ECE Program - Admin ECE Program 2.0

SFL449 Biological Fndtns of Human Dev - Biological Fndtns of Human Dev 3.0

SFL453 Moral Development - Moral Development 3.0

SFL460 Advanced Family Processes - Advanced Family Processes 3.0

SFL461 The Family & the Law - The Family & the Law 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SFL471 Family Work & Relationships - Family Work & Relationships 3.0

SFL472 Temporal Welfare in Families - Temporal Welfare in Families 3.0

SFL487 Adv Sewing Studies:Constructn - Adv Clthng Studies:Constructn 3.0

SFL488R Home-Based Entrepre - Home-Based Entrepre - *You may take once* 1.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

SFL490 Adv Issues in Human Dev - Adv Issues in Human Dev 3.0

SFL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take once* 12.0

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice 3.0

## 733705 - Global Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Global Studies | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 18 |

**Free Form Requirements**

**Requirement 1 Complete 5 Courses**

GEOG101 Global Environment - Global Environment 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

## 733706 - Geography Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Geography Teaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 23 | 23 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

GEOG212 Intro to GIS - Intro to GIS 3.0

**Requirement 2 — Complete 3 hours**

GEOG100 The Geographic Approach - The Geographic Approach 1.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

10341-000 - Missing course - Earth & Image Interpretation 3.0

GEOG217 Programming for Geographers - Programming for Geographers 4.0

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

GEOG303 Biogeography - Biogeography 3.0

GEOG304 Geog of Climates - Geog of Climates 3.0

GEOG305 Geography of Landforms - Geography of Landforms 3.0

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

GEOG307 Spatial Analysis of Envr Data - Landscape Ecology 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG312 Cartographic Desgn - Cartographic Desgn 4.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG317 Analytical Cartography - Analytical Cartography 4.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

GEOG331 Economic Geography - Economic Geography 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG341 Political Geography - Political Geography 3.0

GEOG346 Population Geography - Population Geography 3.0

GEOG347 Geography of Tourism - Tourism:Conc Frame 3.0

GEOG348 Intl Perspectives on Tourism - Tourism:Patterns & Analysis 3.0

GEOG349 Global Adventure Travel - Global Adventure Travel 3.0

GEOG350 Sust Tourism Planning & Devel - Tourism Planning 3.0

GEOG353 Heritage & Cultural Tourism - Heritage & Cultural Tourism 3.0

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 4 Courses**

GEOG101 Global Environment - Global Environment 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

**Requirement 2 — Complete 1 of 2 Courses**

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

**Requirement 3 — Complete 2 Courses**

HIST477 Hist & Soc Sci Tchng Methods - Hist & Soc Sci Tchng Methods 3.0

HIST478 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

**Requirement 4 — Complete 1 Course**

GEOG477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

# BYU

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

GEOG411 Issues in Computer Cartography - Issues in Computer Cartography 3.0

GEOG412 Advanced GIS - Advanced GIS 3.0

GEOG413 Remote Sensing 2 - Remote Sensing 2 3.0

GEOG414 Image Acquisition & Processing - Image Acquisition & Processing 3.0

GEOG415R Field Methods - Field Methods - *You may take once* 1.0v

GEOG421 Urban Planning Law - Urban Planning Law 2.0v

GEOG422 Urban Design - Urban Design 2.0

10804-000 - Missing course - Planning for Unique Lands 2.0

GEOG424 Urban Transportation Planning - Urban Transportation Planning 3.0

GEOG441 Sem in Geospatial Intellig 1 - Sem in Geospatial Intellig 1 3.0

GEOG442 Sem in Geospatial Intellig 2 - Sem in Geospatial Intellig 2 3.0

GEOG477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

GEOG495R Mentored Research - Mentored Research - *You may take once* 1.0v

GEOG501R Sem in Geography - Sem in Geography - *You may take once* 0.5v

## 733707 - Tourism Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Tourism Studies | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 18 |

**Free Form Requirements**

**Requirement 1 — Complete 3 Courses**

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG347 Geography of Tourism - Tourism: Conc Frame 3.0

GEOG348 Intl Perspectives on Tourism - Tourism: Patterns & Analysis 3.0

**Requirement 2 — Complete 2 of 6 Courses**

EXDM300 Creating a Good Life - Creating a Good Life 3.0

GEOG349 Global Adventure Travel - Global Adventure Travel 3.0

GEOG350 Sust Tourism Planning & Devel - Tourism Planning 3.0

GEOG353 Heritage & Cultural Tourism - Heritage & Cultural Tourism 3.0

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

MKTG201 Marketing Management - Marketing Management 3.0

**Requirement 3 — Complete 1 of 9 Courses**

*Regional courses:*

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

## 733708 - Urban & Regional Planning (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Urban & Regional Planning | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 16 | 18 |

**Free Form Requirements**

**Requirement 1 — Complete 4 Courses**

*Core courses:*

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

GEOG421 Urban Planning Law - Urban Planning Law 2.0v

**Requirement 2 — Complete 2 of 4 Courses**

*Planning elective courses:*

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

GEOG422 Urban Design - Urban Design 2.0

GEOG424 Urban Transportation Planning - Urban Transportation Planning 3.0

GEOG510 Professional Planning Studio - Professional Planning Studio 3.0

## 733725 - Geography: Tourism Studies (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Geography: Tourism Studies | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 46 | 46 |

**Major Academic Plan**

MAPS - BS in Geography - Tourism Studies 2023-2024.pdf

| | Learning Outcome |
|---|---|
| | Understand explain and apply the NGS-related foundational |

## 733726 - Geography: Geospatial Science & Technology (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Geography: Geospatial Science & Technology | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 53 | 55 |

**Major Academic Plan**

MAPS - BS in Geography - Geospacial Science & Technology 2023-2024.pdf

| | Learning Outcome |
|---|---|

| | |
|---|---|
| Title<br>Core georgraphic knowledge and skills | concepts of Human Societies and Spatiality Physical Environments Human-Environmental Interaction Regional Geography Critical Spatial Thinking and Effective Communication. |

| | |
|---|---|
| Title<br>Tourism Issues and Trends | Learning Outcome<br>Interpret tourism issues and trends vis-a-vis key geographic concepts of globalization mobility production and consumption. Explain the spatial patterns of tourism development and the dynamic relationships between travel generating regions and destination regions using geographic principles. |

| | |
|---|---|
| Title<br>Tourism and Cultural Understanding | Learning Outcome<br>Leverage tourism activities to promoteincreased understanding knowledge passion respect and empathy for other peoples cultures and places. |

| | |
|---|---|
| Title<br>Geography and Tourism | Learning Outcome<br>Understand and explain how the different geographies of tourism are created maintained and utilized in the modern world. Evaluate the impacts of tourism on present and future economies cultures societies and physical environments. |

Free Form Requirements

**Requirement 1 — Complete 9 Courses**

*Geography core courses:*

GEOG100 The Geographic Approach - The Geographic Approach 1.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

GEOG250 US and Canada - US and Canada 3.0

**Requirement 2 —Complete 1 Course**

*Regional courses:*

| | |
|---|---|
| Title<br>Core georgraphic knowledge and skills | Learning Outcome<br>Understand explain and apply the NGS-related foundational concepts of Human Societies and Spatiality Physical Environments Human-Environmental Interaction Regional Geography Critical Spatial Thinking and Effective Communication. |

| | |
|---|---|
| Title<br>Geospatial Data Acquisition and Management | Learning Outcome<br>Acquire and manage geospatial data as appropriate to a given application using the proper sources data models and data formats ( NGS standard 1; NGS Skill 2: acquiring geographic information and 3: organizing geographic information; BoK Knowledge Areas GD: Geospatial Data DA: Design Aspects DM: Data Models ). |

| | |
|---|---|
| Title<br>Geospatial Data Analysis | Learning Outcome<br>Analyze geospatial data to accomplish geographic tasks in scientific research and/or decision support by applying spatial thinking principles using geospatial analysis procedures (GIS RS statistical) ( NGS Standard 3; NGS skill 4: analyzing geographic information; BoK Knowledge Area AM: Analytical Methods ) |

| | |
|---|---|
| Title<br>Geographic Information Science | Learning Outcome<br>Explain the fundamental theories underlying geospatial technologies and correlate them to the data models and procedures implemented in those technologies ( NGS Standard 2 BoK Knowledge Area CF: Conceptual Foundations ) |

| | |
|---|---|
| Title<br>Cartography | Learning Outcome<br>Design quality maps to visualize and communicate geographic information and analysis results ( NGS standard 1; NGS skill 5: answering geographic questions; BoK Knowledge Area CV: Cartography and Visualization ). |

| | |
|---|---|
| | Learning Outcome<br>Create programs and scripts to automate geospatial tasks and |

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

**Requirement 3 —Complete 2 Courses**

*Major courses:*

GEOG347 Geography of Tourism - Tourism: Conc Frame 3.0

GEOG348 Intl Perspectives on Tourism - Tourism: Patterns & Analysis 3.0

**Requirement 4 —Complete 12 hours**

*Advanced tourism courses (Note: if Geog 399R is chosen, 3 credit hours are required):*

EXDM300 Creating a Good Life - Creating a Good Life 3.0

EXDM302 Hospitality Management - Hospitality Management 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

GEOG349 Global Adventure Travel - Global Adventure Travel 3.0

GEOG350 Sust Tourism Planning & Devel - Tourism Planning 3.0

GEOG353 Heritage & Cultural Tourism - Heritage & Cultural Tourism 3.0

GEOG399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

MKTG201 Marketing Management - Marketing Management 3.0

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete the exit assessment during the final semester, no later than one month before graduation.

| | |
|---|---|
| **Title** | automate geospatial tasks and implement geographic concepts ( NGS skill 5: answering geographic questions; BoK Unit DA6: Application Design ) |
| Programming | |

**Free Form Requirements**

**Requirement 1 — Complete 9 Courses**

*Core courses:*

GEOG100 The Geographic Approach - The Geographic Approach 1.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

**Requirement 2 —Complete 2 of 13 Courses**

*Physical, regional, or human geography courses:*

GEOG305 Geography of Landforms - Geography of Landforms 3.0

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

GEOG307 Spatial Analysis of Envr Data - Landscape Ecology 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG331 Economic Geography - Economic Geography 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG346 Population Geography - Population Geography 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

GEOG421 Urban Planning Law - Urban Planning Law 2.0v

GEOG422 Urban Design - Urban Design 2.0

10804-000 - Missing course - Planning for Unique Lands 2.0

GEOG424 Urban Transportation Planning - Urban Transportation Planning 3.0

GEOG510 Professional Planning Studio - Professional Planning Studio 3.0

**Requirement 3 —Complete 6 Courses**

*Major courses:*

10341-000 - Missing course - Earth & Image Interpretation 2.0

GEOG217 Programming for Geographers - Programming for Geographers 3.0

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG312 Cartographic Desgn - Cartographic Desgn 4.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG317 Analytical Cartography - Analytical Cartography 3.0

**Requirement 4 —Complete 6 hours**

*Complete two courses (6 credit hours) from the following:*

GEOG399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

GEOG411 Issues in Computer Cartography - Issues in Computer Cartography 3.0

GEOG412 Advanced GIS - Advanced GIS 3.0

GEOG413 Remote Sensing 2 - Remote Sensing 2 3.0

GEOG414 Image Acquisition & Processing - Image Acquisition & Processing 3.0

GEOG495R Mentored Research - Mentored Research - *You may take up to 3.0 credit hours* 1.0v

GEOG521R GIS Practicum - GIS Practicum - *You may take once* 3.0

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete the exit assessment during the final semester, no later than one month before graduation.

## 733729 - Geography: Environmental Studies (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Geography: Environmental Studies | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 47.5 | 58 |

**Major Academic Plan**

MAPS - BS in Geography - Enviornmental Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Environmental Change and Ecological Systems | Analyze the causes and potential impacts of global and local environmental change on ecological systems (NGS standards 7 15 16 18). |
| Environmental Problem Solving | Develop a solution to a given environmental issue that incorporates the relevant political ethical economic legal and cultural factors in addition to the principles of physical geography (NGS standard 18 skills) |
| Title | Learning Outcome<br>Evaluate the biological geological climatic and other physical processes that produce |

## 733730 - Geography: Global Studies (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Geography: Global Studies | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 40 | 40 |

**Major Academic Plan**

MAPS - BS in Geography - Global Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Regional Geography | Examine the characteristics of a given place or region vis a vis the physical and human patterns and processes that are present (NGS element: Places and Regions ). |
| Human and Environmental Processes | Evaluate the core human and environmental processes which create the context for global issues (Geog 101 110 120 130 and other human and physical geography courses) |
| Title | Learning Outcome<br>Recognize and illustrate the tradeoffs associated with current world issues from an increase in knowledge understanding passion and emphathy (Courses: |

| | |
|---|---|
| Phsyical Processes and the Natural Landscape | spatial patterns in the natural landscape. |

| Title | Learning Outcome |
|---|---|
| Core georgraphic knowledge and skills | Understand explain and apply the NGS-related foundational concepts of Human Societies and Spatiality Physical Environments Human-Environmental Interaction Regional Geography Critical Spatial Thinking and Effective Communication. |

Free Form Requirements

**Requirement 1 —Complete 9 Courses**

*Core courses:*

GEOG100 The Geographic Approach - The Geographic Approach 1.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

**Requirement 2 —Complete 6 Courses**

*Environmental studies core courses:*

10341-000 - Missing course - Earth & Image Interpretation 2.0

GEOG303 Biogeography - Biogeography 3.0

GEOG304 Geog of Climates - Geog of Climates 3.0

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

GEOG307 Spatial Analysis of Envr Data - Landscape Ecology 3.0

PWS150 Environmental Biology - Environmental Biology 3.0

**Requirement 3 —Complete 12 hours**

*Elective courses:*

BIO350 Ecology - Ecology 3.0

BIO370 Bioethics - Bioethics 2.0

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

GEOG305 Geography of Landforms - Geography of Landforms 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG312 Cartographic Desgn - Cartographic Desgn 4.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

| | |
|---|---|
| Title | Geog 120 110 130 331 341 346 and |
| Current World Issues | various regional courses). |

| Title | Learning Outcome |
|---|---|
| Core georgraphic knowledge and skills | Understand explain and apply the NGS-related foundational concepts of Human Societies and Spatiality Physical Environments Human-Environmental Interaction Regional Geography Critical Spatial Thinking and Effective Communication. |

Free Form Requirements

**Requirement 1 — Complete 8 Courses**

*Geography core courses:*

GEOG100 The Geographic Approach - The Geographic Approach 1.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

**Requirement 2 —Complete 3 of 10 Courses**

*Regional courses:*

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

**Requirement 3 —Complete 9 hours**

*Systematic courses:*

GEOG303 Biogeography - Biogeography 3.0

GEOG304 Geog of Climates - Geog of Climates 3.0

GEOG305 Geography of Landforms - Geography of Landforms 3.0

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

GEOG331 Economic Geography - Economic Geography 3.0

GEOG399R Academic Internship - Academic Internship - *You may take once* 0.5v

GEOG414 Image Acquisition & Processing - Image Acquisition & Processing 3.0

GEOG415R Field Methods - Field Methods - *You may take once* 1.0v

10804-000 - Missing course - Planning for Unique Lands 2.0

GEOL411 Geomorphology - Geomorphology 3.0

PWS225 Prin of Wildlife & Fishery Mgt - Prin of Wildlife & Fishery Mgt 3.0

PWS303 Soils Conservation & Resources - Soils Conservation & Resources 3.0

PWS305 Watershed Ecology - Watershed Ecology 3.0

PWS340 Genetics - Genetics 3.0

PWS375 Aquatic Policies & Laws - Aquatic Policies & Laws 3.0

PWS419 Forest Management & Ecology - Forest Management & Ecology 3.0

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

Complete the exit assessment during the final semester, no later than one month before graduation.

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG341 Political Geography - Political Geography 3.0

GEOG346 Population Geography - Population Geography 3.0

GEOG348 Intl Perspectives on Tourism - Tourism:Patterns & Analysis 3.0

GEOG349 Global Adventure Travel - Global Adventure Travel 3.0

GEOG501R Sem in Geography - Sem in Geography - *You may take once* 0.5v

**Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:**

Complete the exit assessment during the final semester, no later than one month before graduation.

## 733731 - Geography: Urban & Regional Planning (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Geography: Urban & Regional Planning | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 54 | 57 |

**Major Academic Plan**

MAPS - BS in Geography - Urban and Regional Planning 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Core georgraphic knowledge and skills | Understand explain and apply the NGS-related foundational concepts of Human Societies and Spatiality Physical Environments Human-Environmental Interaction Regional Geography Critical Spatial Thinking and Effective Communication. |

| Title | Learning Outcome |
|---|---|
| Plan Development | Create plans maps ordinances and reports to communicate effectively with citizens and officials concerning planning issues and solutions |

## 733732 - Geography: Geospatial Intelligence (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Geography: Geospatial Intelligence | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 57 | 58 |

**Major Academic Plan**

MAPS - BS in Geography - Geospacial Intelligence 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Core georgraphic knowledge and skills | Understand explain and apply the NGS-related foundational concepts of Human Societies and Spatiality Physical Environments Human-Environmental Interaction Regional Geography Critical Spatial Thinking and Effective Communication. |

| Title | Learning Outcome |
|---|---|
| Intelligence and the Intelligence courses include Geography 441 | Students will be able to act professionally using fundamental principles of intelligence (e.g. collection analysis) and describe how intelligence is used in government and private environments. Contributing |

| Title | Learning Outcome |
| --- | --- |
| Understand Historical and Contemporary Planning | Evaluate new and historic projects to identify patterns of failure and strategies for success. |

| Title | Learning Outcome |
| --- | --- |
| Understand Human Settlement as it relates to Urban Planning | Identify and describe the social economic legal and environmental structure of urban and regional systems and how these play out spatially in the urban landscape. |

| Title | Learning Outcome |
| --- | --- |
| Possess the Skills Needed to Practice Planning | Develop coherent solutions to urban and other land management issues that respect the diverse (and sometimes conflicting) needs of planners engineers architects land developers elected officials and citizens including using the methods of of plan creation plan adoption and plan implementation to bring about the greatest public good while mitigating foreseeable negative impacts. |

Free Form Requirements

**Requirement 1 — Complete 8 Courses**

*Geography core courses:*

GEOG100 The Geographic Approach - The Geographic Approach 1.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

**Requirement 2 —Complete 1 of 2 Courses**

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

**Requirement 3 —Complete 7 Courses**

*Urban planning core courses:*

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

GEOG421 Urban Planning Law - Urban Planning Law 2.0v

| Community | and 442. |
| --- | --- |

| Title | Learning Outcome |
| --- | --- |
| Geography and Security | Students will be able to analyze simple security and intelligence problems using a geographic perspective relating human actions to cultural political economic social and physical landscapes. |

| Title | Learning Outcome |
| --- | --- |
| Case Study Analysis | Students will be able to analyze social science data (case histories) using structured analytical methods peculiar to intelligence analysis as practiced in the US. |

| Title | Learning Outcome |
| --- | --- |
| Collaboration and Problem Solving | Students will be able to combine their acquired group research habits with their individual competencies in oral and written information exchange using geographic concepts and investigative techniques. |

Free Form Requirements

**Requirement 1 — Complete 15 Courses**

*Core courses:*

GEOG100 The Geographic Approach - The Geographic Approach 1.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

10341-000 - Missing course - Earth & Image Interpretation 2.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

GEOG271 Middle East - Middle East 3.0

GEOG304 Geog of Climates - Geog of Climates 3.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

GEOG331 Economic Geography - Economic Geography 3.0

GEOG341 Political Geography - Political Geography 3.0

**Requirement 2 —Complete 1 of 6 Courses**

*GIS courses:*

GEOG422 Urban Design - Urban Design 2.0

GEOG424 Urban Transportation Planning - Urban Transportation Planning 3.0

GEOG510 Professional Planning Studio - Professional Planning Studio 3.0

**Requirement 4 —Complete 2 Requirements**

*Complete three elective courses, at least one of which must be Geog 306, 307, or 423:*

**Requirement 4.1 —Complete 1 of 3 Courses**

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

GEOG307 Spatial Analysis of Envr Data - Landscape Ecology 3.0

10804-000 - Missing course - Planning for Unique Lands 2.0

**Requirement 4.2 —Complete 2 of 7 Courses**

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

GEOG307 Spatial Analysis of Envr Data - Landscape Ecology 3.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG346 Population Geography - Population Geography 3.0

GEOG412 Advanced GIS - Advanced GIS 3.0

GEOG414 Image Acquisition & Processing - Image Acquisition & Processing 3.0

10804-000 - Missing course - Planning for Unique Lands 2.0

**Requirement 5 —Complete 3 hours**

*Professional experience courses:*

GEOG399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

GEOG495R Mentored Research - Mentored Research - *You may take up to 3.0 credit hours* 1.0v

**Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:**

Complete the exit assessment during the final semester, no later than one month before graduation.

## 733812 - Gerontology (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Gerontology | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 19.5 |

**Free Form Requirements**

**Requirement 1 — Complete 1 of 3 Options**

*Complete an internship or research experience that is primarily focused on older adults. Students should enroll in an internship or research course provided by their major department. Students must email the course number and experience description to the GIS courses.*

GEOG217 Programming for Geographers - Programming for Geographers 3.0

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG312 Cartographic Desgn - Cartographic Desgn 4.0

GEOG317 Analytical Cartography - Analytical Cartography 3.0

GEOG412 Advanced GIS - Advanced GIS 3.0

GEOG413 Remote Sensing 2 - Remote Sensing 2 3.0

**Requirement 3 —Complete 2 of 6 Courses**

*Regional geography courses:*

GEOG255 Middle & South America - Middle & South America 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

**Requirement 4 —Complete 2 Courses**

GEOG441 Sem in Geospatial Intellig 1 - Sem in Geospatial Intellig 1 3.0

GEOG442 Sem in Geospatial Intellig 2 - Sem in Geospatial Intellig 2 3.0

**Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:**

Complete the exit assessment during the final semester, no later than one month before graduation.

## 733835 - General Studies: Family Life (BGS)

### Program Information

| Program Title | Degree |
|---|---|
| General Studies: Family Life (BGS) | BGS |
| **Variable Credit Min** | **Variable Credit Max** |
| 33 | 33 |

**Major Academic Plan**

MAPS - BGS in General Studies - Family Life 2023-2024.pdf

| | Learning Outcome |
|---|---|
| | Describe how their coursework in the BGS program has contributed to the aims of a BYU education: |

*Gerontology Program in order to request approval of their internship or research experience for Gerontology Minor credit. If approved, the Gerontology Program will substitute the student?s internship or research course for GERO 399R or GERO 403R. If an internship course is not available through the student's major department, they may sign up for GERO 399R.*

**Option 1.1 — Complete 3 hours**

GERO 403R - GERO Research - *You may take up to 3.0 credit hours - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0v

**Option 1.2 — Complete 2 Courses**

NURS491 Nursing Capstone - Nursing Capstone 2.0

NURS492 Cl Prac Capstone Nurs - Cl Prac Capstone Nurs 5.0

**Option 1.3 — Complete 3 hours**

*Note: Internships other than those listed below can be approved by the Academic Advisor (major specific).*

EXSC399R HWSG Internship - HWSG Internship - *You may take up to 3.0 credit hours* 1.0v

GERO399R Gerontology Internship - GERO Internship - *You may take up to 3.0 credit hours* 1.0v

STDEV399R Health Professions Internship - Health Professions Internship - *You may take up to 3.0 credit hours* 0.5v

**Requirement 2 — Complete 6 hours**

*Complete 6 hours from the following core courses:*

CELL305 Human Physiology - Human Physiology 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

COMD420 Neurofndtns Lang,Spch,Hearing - Neurofndtns Lang,Spch,Hearing 3.0

EXSC387 Chronic Disease Prevention - Chronic Disease Prevention 3.0

EXSC460 Ortho Impairments & Ther Exer - Ortho Impairments & Ther Exer 3.0

HLTH466 Hlth & the Aging Process - Hlth & the Aging Process 3.0

NEURO205 Neurobiology - Neurobiology 3.0

NEURO460 Behavioral Neuroscience - Behavioral Neuroscience 3.0

11851-000 - Missing course - Nurs Care of the Older Adult 2.0

NURS292 Cl Prac Nurs Fundamentals - Cl Prac Nurs Fundamentals 1.5

NURS 293 - Communication for Nurs 0.5 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.*

NURS333 End-of-Life Care - End-of-Life Care 3.0

PSYCH220 Human Dev: Life Span - Human Dev: Life Span 3.0

PSYCH322 Developmental Psych: Adulthood - Developmental Psych: Adulthood 3.0

PSYCH381 Behavioral Neurobiology - Behavioral Neurobiology 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

| | |
|---|---|
| Title<br>Aims of a BYU Education | Spiritually strengthening Character building Intellectually enlarging Preparing for lifelong learning and service. |

| | |
|---|---|
| Title<br>Marriage, Family, and Human Development Knowledge | Learning Outcome<br>Describe major theories and research findings related to marriage family living & human development. |

| | |
|---|---|
| Title<br>Effective Writing and Critical Thinking | Learning Outcome<br>Write professional research papers in the discipline that demonstrate an ability to synthesize and critically evaluate research related to specific theories and/or substantive areas. |

**Free Form Requirements**

*Have 27 hours of campus residency.*

*Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.*

*Thirty of the 120 hours including 15 hours in the emphasis must be 300-level or above courses.*

*Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.*

*The program must be completed in eight years or less.*

*All emphasis courses taken after admission to BGS must be BYU courses.*

**Requirement 1 —Complete 1 Course**

*Prerequisite course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):*

STDEV100 Essential College Skills - Essential College Skills 1.0

**Requirement 2 —Complete 4 Courses**

*Core courses:*

SFL160 Intro to Family Processes - Intro to Family Processes 3.0

SFL200 Strengthening Marriage/Family - The Eternal Family 3.0

SFL210 Human Development - Human Development 3.0

SFL290 Critical Inquiry&Research Meth - Critical Inquiry&Research Meth 3.0

**Requirement 3 —Complete 3 hours**

*Any courses not taken in requirement 3 above may be used toward fulfilling this three-hour elective requirement.*

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SOC333 End-of-Life Care - End-of-Life Care 3.0

SOC365 Sociology of Aging - Sociology of Aging 3.0

**Requirement 3 — Complete 6 hours**

*Core classes can be substituted for elective credit.*

CELL205 Human Biology - Human Biology 3.0

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CELL365 Pathophysiology - Pathophysiology 4.0

CELL550R Adv Topics-Cell Bio & Physiol - Adv Topics-Cell Bio & Physiol - *You may take once* 1.0v

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL565 Endocrinology - Endocrinology 3.0

COMD370 Medical Speech Pathology - Medical Speech Pathology 3.0

EXSC221 Science of Wellness - Science of Wellness 3.0

EXSC470 Functional Neuroanatomy - Functional Neuroanatomy 3.0

FIN200 Personal Finance - Personal Finance 3.0

FIN418 Financial Planning - Financial Planning 3.0

HLTH314 Hlth, Disease & Determinants 1 - Hlth, Disease & Determinants 1 3.0

HLTH320 Adv First Aid & Safety - Adv First Aid & Safety 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH425 Vulnerable & Diverse Poplns - Vulnerable & Diverse Poplns 3.0

HLTH450 Women's Health - Women's Health 3.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS424 Nutrition Through Life Cycle - Nutrition Through Life Cycle 2.0

PSYCH342 Psychopathology - Psychopathology 3.0

PSYCH375 Cognition - Cognition 3.0

SFL210 Human Development - Human Development 3.0

SFL260 Family Finance - Family Finance 3.0

SFL306 Death and Dying - Death and Dying 3.0

2.0

07749-004 - Missing course - Marriage Enhancement 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL260 Family Finance - Family Finance 3.0

SFL359 Child Life - Child Life 3.0

**Requirement 4 —Complete 15 hours**

*BYU 300- or 400-level campus courses in the School of Family Life (including Salt Lake Center classes) may also be used to fill this requirement. Note: Only 3 credit hours of 399R may count toward the BGS degree requirements in Family Life. Additional 399R credits may be used as general electives for the upper division hour requirement and for total university hours.*

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL351 Social Development - Social Development 3.0

ECE355 Language Development - Language Development 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

**Requirement 5 —Complete 1 Course**

*Complete a capstone experience (last course to be completed):*

STDEV490 BGS Capstone - BGS Capstone 2.0

## 734101 - Family History - Genealogy (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Family History - Genealogy | MIN |
| **Variable Credit Min** | **Variable Credit Max** |

## 734106 - History (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| History | MIN |
| **Variable Credit Min** | **Variable Credit Max** |

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Free Form Requirements

**Requirement 1 — Complete 3 Courses**

*Note: Minors should consult with the family history coordinator soon after declaring. Note: Hist 205 may be used as partial fulfillment of the University Core Religion requirement.*

HIST205 Intro Fam Hist Doctr Prac - Intro Fam Hist Doctr Prac 2.0

HIST217 Family Historian's Craft - Family Historian's Craft 3.0

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

**Requirement 2 — Complete 1 of 3 Courses**

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

**Requirement 3 — Complete 1 of 11 Courses**

HIST298 Digital History - Digital History 3.0

HIST350 English Language Paleography - English Language Paleography 3.0

HIST351 German Language Paleography - German Language Paleography 3.0

HIST352 Scand Languages Paleography - Scand Languages Paleography 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST354 Russian Language Paleography - Slavic Languages Paleography 3.0

HIST381 Computers in Hist Rsrch & Publ - Computers in Hist Rsrch & Publ 3.0

HIST388 Genetic Genealogy - Genetic Genealogy 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST420 Latin Paleography - Latin Paleography 3.0

HIST431 Public History - Public History 3.0

**Requirement 4 — Complete 3 hours**

*(Note: Courses used for Requirements 2 and 3 will not double count) (Note: Students may complete 3 credit hours of Hist 206R: Regional and Thematic Studies in Family History/Genealogy to fill this requirement.)*

HIST206R Regional and Thematic Fam Hist - Regional and Thematic Fam Hist - *You may take up to 3.0 credit hours* 1.0

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

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Free Form Requirements

*The History Department requires a minimum of 9 hours of history credit to be taken in residency at BYU's Provo campus for this minor program. BYU Independent Study courses do not count toward residency. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 — Complete 2 of 4 Courses**

*Core courses. NOTE: Minors must complete two core courses in history at the college level. University Core Civilization courses (201/202) offered by other departments are not equivalent. Advanced Placement U.S. history courses are not equivalent.*

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

**Requirement 2 — Complete 12 hours**

*Elective courses:*

HIST190 Thetean Production - Thetean Production 2.0

HIST200 Historian's Craft - Historian's Caft 3.0

HIST205 Intro Fam Hist Doctr Prac - Intro Fam Hist Doctr Prac 2.0

HIST206R Regional and Thematic Fam Hist - Regional and Thematic Fam Hist - *You may take once* 1.0

HIST217 Family Historian's Craft - Family Historian's Craft 3.0

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST242R Arab & Islamic Civilization - Arab & Islamic Civilization - *You may take once* 1.0v

HIST243R Jewish Civilization - Jewish Civilization - *You may take once* 1.0v

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST247 Greek History - Greek History 3.0

HIST248 Roman History - Roman History 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST283 British Fam Hist Research - British Fam Hist Research 3.0

HIST284 German Family History - German Family History 3.0

HIST285 Scandinavian Family History - Scandinavian Family History 3.0

HIST286 S Europ/Latin Amer Family Hist - S Europ/Latin Amer Family Hist 3.0

HIST287 East European Family History - Slavic Family History 3.0

HIST298 Digital History - Digital History 3.0

HIST350 English Language Paleography - English Language Paleography 3.0

HIST351 German Language Paleography - German Language Paleography 3.0

HIST352 Scand Languages Paleography - Scand Languages Paleography 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST354 Russian Language Paleography - Slavic Languages Paleography 3.0

HIST381 Computers in Hist Rsrch & Publ - Computers in Hist Rsrch & Publ 3.0

HIST388 Genetic Genealogy - Genetic Genealogy 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST420 Latin Paleography - Latin Paleography 3.0

HIST431 Public History - Public History 3.0

HIST496R Acad Internship: Family Hist - Acad Internship: Family Hist - *You may take up to 3.0 credit hours* 1.0v

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST276 Exploration of Tchg-Soc Sci - Exploration of Tchg-Soc Sci 4.0

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

HIST283 British Fam Hist Research - British Fam Hist Research 3.0

HIST284 German Family History - German Family History 3.0

HIST285 Scandinavian Family History - Scandinavian Family History 3.0

HIST286 S Europ/Latin Amer Family Hist - S Europ/Latin Amer Family Hist 3.0

HIST287 East European Family History - Slavic Family History 3.0

HIST290 Nature & History - Nature & History 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST298 Digital History - Digital History 3.0

HIST299R Academic Internship - Academic Internship - *You may take once* 0.5v

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

10493-000 - Missing course - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

13581-001 - Missing course - Mod. American Warfare Studies 3.0

HIST317 Terrorism and Counterterrorism - Terrorism and Counterterrorism 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST329 Urban History Brazil - Urban History Brazil 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST333 Hist Ottoman Empire - Hist Ottoman Empire 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

HIST335 Crusades - Crusades 3.0

HIST336 S Africa Liberation - S Africa Liberation 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST339 African Social Change - African Social Change 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

HIST350 English Language Paleography - English Language Paleography 3.0

HIST351 German Language Paleography - German Language Paleography 3.0

HIST352 Scand Languages Paleography - Scand Languages Paleography 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST354 Russian Language Paleography - Slavic Languages Paleography 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST364 Utah - Utah 3.0

HIST365 American South - American South 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST375 J Smith in Mormon History - J Smith in Mormon History 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST377 Growing Up in America - Growing Up in America 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST381 Computers in Hist Rsrch & Publ - Computers in Hist Rsrch & Publ 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST388 Genetic Genealogy - Genetic Genealogy 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST391 The Vietnam War - The Vietnam War 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST394 Scripture in American History - Scripture in American History 3.0

HIST395 Teach Tech Soc Studies - Teach Tech Soc Studies 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST398 American Capitalism - American Capitalism 3.0

HIST399 Democratic Class Design - Democratic Class Design 3.0

HIST420 Latin Paleography - Latin Paleography 3.0

HIST430R Topics: Ancient Roman History - Topics: Ancient Roman History - *You may take once* 3.0

HIST430R Topics: Greek & Roman History - Topics: Greek & Roman History - *You may take once* 3.0

HIST431 Public History - Public History 3.0

HIST439 Sem Prof Family Hist Rsrch - Sem Prof Family Hist Rsrch 3.0

HIST476 Student Teaching - HT and SST - Student Teaching - HT and SST 1.0v

HIST477 Hist & Soc Sci Tchng Methods - Hist & Soc Sci Tchng Methods 3.0

HIST478 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

HIST479R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

HIST481R Family History Directed Rsrch - Family History Directed Rsrch - *You may take once* 0.5v

HIST485 Topical Readings Seminar - Topical Readings Seminar 3.0

HIST487 Philosophies Hist - Philosophies Hist 3.0

HIST490 Capstone Research Seminar - Capstone Research Seminar 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST496R Acad Internship--HT and SST - Acad Internship--HT and SST - *You may take once* 12.0

HIST496R Acad Internship: Family Hist - Acad Internship: Family Hist - *You may take once* 1.0v

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

## 734107 - History Teaching (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| History Teaching | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 29 | 29 |

**Free Form Requirements**

*Licensure: This program meets the educational requirements designed*

## 734120 - History (BA)

### Program Information

| Program Title | Degree |
|---|---|
| History | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 42 | 42 |

**Major Academic Plan**

MAP - BA in History 2023-2024.pdf

*to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*The History Department requires a minimum of 6 hours of history credit to be taken in residency at BYU's Provo campus for this minor program. BYU Independent Study courses do not count toward residency. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 5 Courses**

*Core courses. NOTE: Minors must complete all core courses in history at the college level. University Core Civilization courses (201/202) offered by other departments are not equivalent. Advanced Placement U.S. history courses are not equivalent. Hist 220 and 221 must be completed as college/university courses and cannot be fulfilled with AP or other test scores.*

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

HIST364 Utah - Utah 3.0

**Requirement 2 — Complete 1 Course**

HIST200 Historian's Craft - Historian's Caft 3.0

**Requirement 3 — Complete 3 hours**

*Elective courses: NOTE: Anything outside of this list must have History Teaching Program pre-approval. NOTE: Content of 485, 495R, and 496R must reflect history of traditionally underrepresented communities.*

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

| | |
|---|---|
| **Title**<br>Historical Knowledge | **Learning Outcome**<br>Gain a historical consciousness by demonstrating a knowledge of major developments in American and world history and understand key historical terms and theories. (For course-specific application of this learning outcome please see: History Course Learning Outcomes |

| | |
|---|---|
| **Title**<br>Historical Analysis | **Learning Outcome**<br>Acquire the ability to analyze historical questions and issues clearly assess historical information accurately and distinguish between questionable and valid historical assertions. (For course-specific application of this learning outcome please see: History Course Learning Outcomes |

| | |
|---|---|
| **Title**<br>Effective Historical Research | **Learning Outcome**<br>Demonstrate proficiency in using the historical method of research effectively by skillfully and honestly using primary and secondary sources. (For course-specific application of this learning outcome please see: History Course Learning Outcomes |

| | |
|---|---|
| **Title**<br>Data Integration and Effective Communication | **Learning Outcome**<br>Skillfully integrate data into a coherent argument expressed through a clear well-written style and through oral communication. (For course-specific application of this learning outcome please see: History Course Learning Outcomes |

**Free Form Requirements**

*The History Department requires a minimum of 24 hours of history credit to be taken in residence at BYU's Provo campus for this degree program. BYU Independent Study courses do not count toward residency. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 — Complete 1 Course**

*Complete one of the following courses in fulfillment of the University Core First-Year Writing requirement. NOTE: Students with AP credit for Engl 115 are encouraged to take Wrtg 150.*

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST298 Digital History - Digital History 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST336 S Africa Liberation - S Africa Liberation 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST339 African Social Change - African Social Change 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST485 Topical Readings Seminar - Topical Readings Seminar 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

**Requirement 4 — Complete 2 Courses**

*NOTE: HIST 201, 202, 220, and 221 must be completed before registering for HIST 477 and HIST 478. HIST 477 and 478 must be taken concurrently.*

HIST477 Hist & Soc Sci Tchng Methods - Hist & Soc Sci Tchng Methods

**Requirement 2 — Complete 1 Course**

*NOTE: For majors, Hist 200 should be completed prior to elective courses. It must be completed no later than the sophomore year or in the first semester/term after the major is declared. Hist 200 and 490 combined satisfy the University Core Advanced Written and Oral Communications requirement.*

HIST200 Historian's Craft - Historian's Craft 3.0

**Requirement 3 — Complete 4 Courses**

*NOTE: University Core Civilization courses (201/202) offered by other departments are not equivalent. Hist 220 and 221 must be completed as college/university courses. They cannot be fulfilled with AP credit or other test scores.*

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

**Requirement 4 — Complete 21 hours**

*Complete seven electives (21 total hours) from the approved list. Seek faculty advice in choosing electives. Complete three electives (9 hours) by taking at least one course in three of the following options. Majors are urged to focus their remaining four electives on a single theme, region, or period. NOTE: No more than 6 combined hours of 299R, 390R, 495R, and 498R will count toward elective credit. NOTE: Depending on topic, History 288 and 390R may satisfy one of the regional option requirements or elective credit more generally.*

**Option 4.1 — Complete up to 15 hours**

*AFRICA*

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST336 S Africa Liberation - S Africa Liberation 3.0

HIST339 African Social Change - African Social Change 3.0

HIST345 Islam in Africa - Islam in Africa

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

**Option 4.2 — Complete up to 15 hours**

*ASIA*

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

3.0

HIST478 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

**Requirement 5— Complete 1 Course**

HIST479R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

*Note: FBI fingerprint and background clearance MUST be completed PRIOR to enrolling in HIST 479R.*

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

**Option 4.3 — Complete up to 15 hours**

*Europe*

HIST247 Greek History - Greek History 3.0

HIST248 Roman History - Roman History 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST430R Topics: Greek & Roman History - Topics: Greek & Roman History - *You may take once* 3.0

**Option 4.4 — Complete up to 15 hours**

*Latin America*

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST329 Urban History Brazil - Urban History Brazil 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

**Option 4.5 — Complete up to 15 hours**

*Middle East*

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST242R Arab & Islamic Civilization - Arab & Islamic Civilization - *You may take once* 1.0v

HIST243R Jewish Civilization - Jewish Civilization - *You may take once* 1.0v

HIST333 Hist Ottoman Empire - Hist Ottoman Empire 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

HIST335 Crusades - Crusades 3.0

**Option 4.6 — Complete up to 15 hours**

*United States*

HIST289R Citizen Nation - Citizen Nation 3.0

13581-001 - Missing course - Mod. American Warfare Studies 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST364 Utah - Utah 3.0

HIST365 American South - American South 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST372 US Presidency - US Presidency 3.0

HIST372 US Presidency - US Presidency 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST375 J Smith in Mormon History - J Smith in Mormon History 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST377 Growing Up in America - Growing Up in America 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST394 Scripture in American History - Scripture in American History 3.0

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST398 American Capitalism - American Capitalism 3.0

**Option 4.7 — Complete up to 15 hours** *World and Thematic Courses*

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST288R Women in a Changing World - Women in a Changing World

HIST290 Nature & History - Nature & History 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST298 Digital History - Digital History 3.0

HIST310 The Automotive Age - The Automotive Age 3.0

HIST317 Terrorism and Counterterrorism - Terrorism and Counterterrorism 3.0

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST431 Public History - Public History 3.0

HIST487 Philosophies Hist - Philosophies Hist 3.0

**Requirement 5 — Complete 1 Course**

*Capstone course:*

HIST490 Capstone Research Seminar - Capstone Research Seminar 3.0

**Recommended Courses are not required to complete the program**

*Hist 205 is suggested as a religion elective.*

HIST205 Intro Fam Hist Doctr Prac - Intro Fam Hist Doctr Prac 2.0

## 734122 - History Teaching (BA)

### Program Information

| Program Title | Degree |
|---|---|
| History Teaching | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 70 | 70 |

**Major Academic Plan**

MAPS - BA in History Teaching 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Subject Matter | Candidates can identify the core concepts tools of inquiry and standards associated with the history curricula taught in secondary classrooms and can create learning experiences that make these concepts meaningful for students. |
| Learner and Learning | Candidates can describe how young people learn and develop acknowledging individual and cultural differences in order to create environments that motivatecollaborative learning. |
| Instructional Strategies | Candidates use a variety of instructional strategies to encourage students' development of critical thinking problem solving and performance skills and use assessments to inform instruction. |
| Professional Development | Candidates continually reflect on and evaluate their teaching practices actively seek opportunities to grow professionally engage in ethical behavior and collaborate with stakeholders (students parents and other professionals in the learning community). |

## 734125 - Family History - Genealogy (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Family History - Genealogy | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 51.5 | 54 |

**Major Academic Plan**

MAPS - BA in Family History 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Effective Geological Research and Analysis | Demonstrate proficiency in using genealogical research methodology through informed and ethical use of primary and secondary sources and by incorporating knowledge of the historical context. Acquire the ability to analyze genealogical questions and issues clearly, assess genealogical information accurately, and distinguish between questionable and valid genealogical assertions. |
| Historical Knowledge and Analysis | Gain a historical consciousness by demonstrating a knowledge of major developments in American and world history and understand key historical terms and theories. Acquire the ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions. |
| Effective Communication | Skillfully integrate data into a coherent argument expressed through a clear, well-written style and through oral communication. |

**Free Form Requirements**

**Requirement 1 — Complete 1 Course**

*Complete the following in fulfillment of the University Core First-Year Writing requirement. Note: Waivers based on Advanced Placement*

| Title | Learning Outcome |
| --- | --- |
| Utah Effective Teaching Standards | Demonstrate basic competency in the Utah Effective Teaching Standards as established by Utah Teacher Education Assessment and Accreditation Council and the Utah State Board of Education |

**Free Form Requirements**

HIST251 Con & Col Lat Amer*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*The History Department requires a minimum of 18 hours of history credit to be taken in residency at BYU's Provo campus for this degree program. BYU Independent Study courses do not count toward residency. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

**Requirement 1 — Complete 1 Course**

*Complete the following course in fulfillment of the University Core First-Year Writing requirement.*

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

**Requirement 2 — Complete 1 Course**

*NOTE: For majors, Hist 200 should be taken prior to elective courses. It must be completed no later than the sophomore year or in the first semester/term after the major is declared. Hist 200 and 490 combined satisfy the University Core Advanced Written and Oral Communications requirement.*

HIST200 Historian's Craft - Historian's Craft 3.0

**Requirement 3 — Complete 4 Course**

*NOTE: Requirement 3 (HIST 201, 202, 220, 221) must be completed before registering for HIST 477 and HIST 478. NOTE: University Core Civilization courses (201/202) offered by other departments are not equivalent. Hist 220 and 221 must be completed as college/university courses. They cannot be fulfilled with AP or other test scores.*

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500

*Writing requirement. Note: Waivers based on Advanced Placement (AP) or other test scores do not apply to this requirement. Students with AP credit for Engl 115 should take Wrtg 150.*

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

**Requirement 2 — Complete 2 Courses**

*Complete the following in fulfillment of the university core Civilization 1 and 2 requirements:*

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

**Requirement 3 — Complete 2 of 3 Courses**

*Complete the following (Hist 205 may be used as partial fulfillment of the University Core Religion requirement):*

HIST205 Intro Fam Hist Doctr Prac - Intro Fam Hist Doctr Prac 2.0

HIST206R Regional and Thematic Fam Hist - Regional and Thematic Fam Hist 1.0

REL C261 Family History-Genealogy - Family History-Genealogy 2.0

**Requirement 4 — Complete 1 Course**

*Note 1: Hist 217 should be completed no later than the sophomore year or in the first semester/term after the major is declared. Majors should consult with the family history coordinator soon after declaring. Note 2: Students must complete Hist 217 with a grade of C or higher in order to satisfy this requirement.*

HIST217 Family Historian's Craft - Family Historian's Craft 3.0

**Requirement 5 — Complete 3 Courses**

*NOTE: Hist 200 and 218 should be completed no later than the sophomore year or in the first semester/term after the major is declared. Hist 200 and 490 combined satisfy the University Core Advanced Written and Oral Communications requirement. Hist 220 must be completed as a college/university course and cannot be fulfilled with AP or other test scores.*

HIST200 Historian's Craft - Historian's Craft 3.0

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

**Requirement 6 — Complete 1 of 3 Courses**

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

*Note: Hist 280, 281, and 282 cannot double count in requirements 6, 7, and 8.*

**Requirement 7 — Complete 1 of 8 Courses**

*Research courses:*

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

**Requirement 4 — Complete 1 Courses**

*Students are encouraged to take HIST 201, HIST 202, HIST 220, HIST 221 prior to enrollment in HIST 276. Note: FBI fingerprint and background clearance MUST be completed PRIOR to enrolling in HIST 276.*

HIST276 Exploration of Tchg-Soc Sci - Exploration of Tchg-Soc Sci - *You may take up to 4.0 credit hours* 4.0

**Requirement 5 — Complete 1 Course**

HIST364 Utah - Utah 3.0

**Requirement 6 — Complete 1 of 2 Courses**

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST399 Democratic Class Design - Democratic Class Design 3.0

**Requirement 7 — Complete 12 hours**

*Students must not present all their preparation in a single region. Complete no more than 2 electives (6.0 credit hours) in any of the following regional or thematic options. NOTE: No more than 6 combined hours of 299R, 495R, and 498R will count toward elective credit. HIST 397 and HIST 399 CANNOT double-count toward requirements 6 and 7.1.*

**Option 7.1 — Complete 9 hours**

**Option 7.1.1 — Complete up to 6 hours**

*AFRICA*

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST336 S Africa Liberation - S Africa Liberation 3.0

HIST339 African Social Change - African Social Change 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

**Option 7.1.2 — Complete up to 6 hours**

*ASIA*

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern South East Asia 3.0

[illegible] 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

HIST283 British Fam Hist Research - British Fam Hist Research 3.0

HIST284 German Family History - German Family History 3.0

HIST285 Scandinavian Family History - Scandinavian Family History 3.0

HIST286 S Europ/Latin Amer Family Hist - S Europ/Latin Amer Family Hist 3.0

HIST287 East European Family History - Slavic Family History 3.0

*Note: Courses cannot double count between Requirements 7 and 8.*

**Requirement 8 — Complete 2 of 13 Courses**

*Research and Skills courses:*

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

HIST283 British Fam Hist Research - British Fam Hist Research 3.0

HIST284 German Family History - German Family History 3.0

HIST285 Scandinavian Family History - Scandinavian Family History 3.0

HIST286 S Europ/Latin Amer Family Hist - S Europ/Latin Amer Family Hist 3.0

HIST287 East European Family History - Slavic Family History 3.0

HIST298 Digital History - Digital History 3.0

HIST381 Computers in Hist Rsrch & Publ - Computers in Hist Rsrch & Publ 3.0

HIST388 Genetic Genealogy - Genetic Genealogy 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST431 Public History - Public History 3.0

*Note: Courses cannot double count between Requirements 7 and 8. Additionally, Hist 298, 396, and 431 cannot double count in requirements 8 and 10.*

**Requirement 9 — Complete 1 of 6 Courses**

HIST350 English Language Paleography - English Language Paleography 3.0

HIST351 German Language Paleography - German Language Paleography 3.0

HIST352 Scand Languages Paleography - Scand Languages Paleography 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST354 Russian Language Paleography - Slavic Languages

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

**Option 7.1.3 — Complete up to 6 hours**

*EUROPE*

HIST247 Greek History - Greek History 3.0

HIST248 Roman History - Roman History 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

10493-000 - Missing course - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - Nineteenth-Century Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - History of the Mediterranean Sea 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

**Option 7.1.4 — Complete up to 6 hours**

*LATIN AMERICA*

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

Paleography 3.0

HIST420 Latin Paleography - Latin Paleography 3.0

**Requirement 10 — Complete 1 of 30 Courses**

*Social and cultural history courses. Seek faculty advice in choosing electives.*

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST290 Nature & History - Nature & History 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST298 Digital History - Digital History 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

13581-001 - Missing course - Mod. American Warfare Studies 3.0

HIST317 Terrorism and Counterterrorism - Terrorism and Counterterrorism 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

HIST377 Growing Up in America - Growing Up in America 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST384 US Women's History - US Women's History 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST431 Public History - Public History 3.0

HIST487 Philosophies Hist - Philosophies Hist 3.0

**Requirement 11 — Complete 1 Course**

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST329 Urban History Brazil - Urban History Brazil 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

**Option 7.1.5 — Complete up to 6 hours**

*MIDDLE EAST*

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST242R Arab & Islamic Civilization - Arab & Islamic Civilization - *You may take once* 1.0v

HIST243R Jewish Civilization - Jewish Civilization - *You may take once* 1.0v

HIST333 Hist Ottoman Empire - Hist Ottoman Empire 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

HIST335 Crusades - Crusades 3.0

**Option 7.1.6 — Complete up to 6 hours**

*UNITED STATES*

13581-001 - Missing course - Mod. American Warfare Studies 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST365 American South - American South 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST375 J Smith in Mormon History - J Smith in Mormon History 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

*Complete one course from list of history courses that (1) does not appear above and (2) relates to your interests and goals. Seek faculty advice in choosing electives.*

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST247 Greek History - Greek History 3.0

HIST248 Roman History - Roman History 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST298 Digital History - Digital History 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

10493-000 - Missing course - European Expansion 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST317 Terrorism and Counterterrorism - Terrorism and Counterterrorism 3.0

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST377 Growing Up in America - Growing Up in America 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST383 African-Am Hist since 1865 - African-American Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST398 American Capitalism - American Capitalism 3.0

**Option 7.1.7 — Complete up to 6 hours**

*WORLD AND THEMATIC COURSES*

HIST190 Thetean Production - Thetean Production 2.0

HIST205 Intro Fam Hist Doctr Prac - Intro Fam Hist Doctr Prac 2.0

HIST206R Regional and Thematic Fam Hist - Regional and Thematic Fam Hist - *You may take once* 1.0

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST290 Nature & History - Nature & History 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST298 Digital History - Digital History 3.0

HIST317 Terrorism and Counterterrorism - Terrorism and Counterterrorism 3.0

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST431 Public History - Public History 3.0

HIST485 Topical Readings Seminar - Topical Readings Seminar 3.0

HIST487 Philosophies Hist - Philosophies Hist 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST329 Urban History Brazil - Urban History Brazil 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST333 Hist Ottoman Empire - Hist Ottoman Empire 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

HIST335 Crusades - Crusades 3.0

HIST336 S Africa Liberation - S Africa Liberation 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST339 African Social Change - African Social Change 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST364 Utah - Utah 3.0

HIST365 American South - American South 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST375 J Smith in Mormon History - J Smith in Mormon History 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

**Option 7.2 — Complete 3 hours**

*History of traditionally underrepresented communities. Complete 1 course (3.0 hours) from the following list. Courses not on this list have History Teaching Program pre-approval. NOTE: Courses cannot double-count to fulfill requirements 7.1 and 7.2. NOTE: Content of 485, 495R, and 496R must reflect history of traditionally underrepresented communities.*

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST315 Jews & Holocaust- Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST336 S Africa Liberation - S Africa Liberation 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST339 African Social Change - African Social Change 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern South East Asia 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST384 US Women's History - US Women's History 3.0

HIST377 Growing Up in America - Growing Up in America 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST388 Genetic Genealogy - Genetic Genealogy 3.0

HIST391 The Vietnam War - The Vietnam War 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST394 Scripture in American History - Scripture in American History 3.0

HIST395 Teach Tech Soc Studies - Teach Tech Soc Studies 3.0

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST399 Democratic Class Design - Democratic Class Design 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

**Requirement 12 — Complete 1 Course**

HIST439 Sem Prof Family Hist Rsrch - Sem Prof Family Hist Rsrch 3.0

**Requirement 13 — Complete 3 hours**

HIST496R Acad Internship--HT and SST - Acad Internship: Family Hist - *You may take up to 6.0 credit hours* 1.0v

**Requirement 14 — Complete 1 Course**

HIST490 Capstone Research Seminar - Capstone Research Seminar 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1830 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1830-present 3.0

HIST485 Topical Readings Seminar - Topical Readings Seminar 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

**Requirement 8 — Complete 1 Course**

*Capstone course:*

HIST490 Capstone Research Seminar - Capstone Research Seminar 3.0

*A teaching minor is strongly recommended.*

**Requirement 9 — Complete 2 Requirements**

Contact the Education Advisement Center, 350 MCKB, 801- 422-3426, to schedule the final interview to clear the licensing component of your secondary teaching major. You should be registered for your last semester at BYU prior to the scheduled appointment.

NOTE: FBI fingerprint and background clearance MUST be completed PRIOR to enrolling in HIST 276R, HIST 478, HIST 476R, and HIST 496R.

NOTE: Admittance to the major is required BEFORE enrolling in HIST 477 and 478. HIST 477 and 478 must be taken concurrently.

**Requirement 9.1 — Complete 6 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

HIST395 Teach Tech Soc Studies - Teach Tech Soc Studies 3.0

HIST477 Hist & Soc Sci Tchng Methods - Hist & Soc Sci Tchng Methods 3.0

HIST478 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

**Requirement 9.2 — Complete 12 hours**

HIST476 Student Teaching - HT and SST - Student Teaching - HT and SST - *You may take up to 12.0 credit hours* 1.0v

HIST496R Acad Internship--HT and SST - Acad Internship--HT and SST - *You may take up to 12.0 credit hours* 12.0

*Note: it is the student's responsibility to be sure that the Praxis test has been taken and that BYU has received the test scores, that their fingerprint background clearance is current, and that state licensing fees have been paid prior to graduation. Students are strongly discouraged from working another job during the time of their student teaching/internship. In addition, students must pass the PPAT assessment to graduate and receive a teaching license. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements contact the Education Advisement Center, 350 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.*

## 734126 - General Studies: History (BGS)

### Program Information

| Program Title | Degree |
|---|---|
| General Studies: History (BGS) | BGS |
| **Variable Credit Min** | **Variable Credit Max** |
| 33 | 33 |

**Major Academic Plan**

MAPS - BGS in General Studies - History 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Aims of a BYU Education | Describe how coursework in the BGS program has contributed to the aims of a BYU education: Spiritually strengthening Character building Intellectually enlarging Preparing for lifelong learning and service. |

| Title | Learning Outcome |
|---|---|
| Historical Research Methods | Demonstrate basic proficiency in using the historical method of research |

| Title | Learning Outcome |
|---|---|
| Effective Writing | Write effectively about historical topics. |

| Title | Learning Outcome |
|---|---|
| American and World History | Gain a historical consciousness by demonstrating knowledge of major developments in American and world history and understand key historical terms and theories |

**Free Form Requirements**

*Have 27 hours of campus residency.*

*Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.*

*Thirty of the 120 hours must be 300-level or above courses.*

*Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.*

*The program must be completed in eight years or less.*

*All emphasis courses taken after admission to BGS must be BYU courses.*

**Requirement 1 —Complete 1 Course**

*Prerequisite course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):*

## 734201 - American Indian Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| American Indian Studies | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 18 |

**Free Form Requirements**

**Requirement 1 — Complete 2 Courses**

*Core courses:*

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

**Requirement 2 — Complete 1 Requirement**

*Electives:*

Complete 12 hours from at least three disciplines:

**Requirement 2.1 — Complete 12 hours**

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

ANTHR 317 - Native Peoples of North Amer - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ANTHR350 Arch Cultures of N America - Arch Cultures of N America 3.0

ANTHR530 Great Basin Archaeology - Great Basin Archaeology 3.0

ANTHR535 Southwest Seminar - Southwest Seminar 3.0

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art 3.0

COMMS481 Gender, Race, & Class in Media - Gender, Race, & Class in Media 3.0

EL ED203 Fndtns of Multicultural Educ - Fndtns of Multicultural Educ 3.0

ENGL 358R - Native Amer Lit 1900-Present - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HAWAI100 Language Study: Hawaiian - Language Study: Hawaiian 2.0

HAWAI101 First-Year Hawaiian - First-Year Hawaiian 4.0

HAWAI102 First-Year Hawaiian - First-Year Hawaiian 4.0

HAWAI201 Second-Year Hawaiian - Second-Year Hawaiian 4.0

HAWAI202 Second-Year Hawaiian - Second-Year Hawaiian 4.0

HIST206R Regional and Thematic Fam Hist - Regional and Thematic Fam Hist - *You may take once* 1.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST360 American West to 1900 - American West to 1900 3.0

STDEV100 Essential College Skills - Essential College Skills 1.0

**Requirement 2 —Complete 4 Courses**

*Core courses:*

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

**Requirement 3 —Complete 18 hours**

HIST217 Family Historian's Craft - Family Historian's Craft 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST283 British Fam Hist Research - British Fam Hist Research 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST481R Family History Directed Rsrch - Family History Directed Rsrch - *You may take once* 0.5v

HIST496R Acad Internship: Family Hist - Acad Internship--Family, Local, and Social History - *You may take once* 12.0

**Requirement 4 —Complete 1 Course**

*Complete a capstone experience (last course to be completed):*

STDEV490 BGS Capstone - BGS Capstone 2.0

*Note 1: Other BYU undergraduate courses (including Salt Lake Center classes) in history may also be used to fill emphasis electives.*

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST 405 - Native Amer Family History - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

HUM 425R - Area Studies - *You may take once* - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

NAVAJ100 Language Study: Navajo - Language Study: Navajo 2.0

NAVAJ101 First-Year Navajo - First-Year Navajo 4.0

NAVAJ102 First-Year Navajo - First-Year Navajo 4.0

NAVAJ102 First-Year Navajo - First-Year Navajo 4.0

NAVAJ201 Second-Year Navajo - Second-Year Navajo 4.0

NAVAJ202 Second-Year Navajo - Second-Year Navajo 4.0

PWS101 Cult Hist of Medicinal Plants - Cult Hist of Medicinal Plants 3.0

SOC113 Multicultural America - Multicultural America 3.0

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC390R Special Topics - Special Topics - *You may take once* 0.5v

Please note:

-- Engl 358R and Hist 206R must be in a Native American topic.

-- Hist 495R, 498R, and Soc 390R require approval by IAS coordinator.

## 734721 - Family & Consumer Sciences Education (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Family & Consumer Sciences Education | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 71 | 71 |

**Major Academic Plan**

MAPS - BS in Family & Consumer Sciences 2023-2024.pdf

| | Learning Outcome |
|---|---|
| | Identify and use a variety of instructional strategies and tools of inquiry in Family and |

## 734730 - Family Life: Human Development (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Family Life: Human Development | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 49 | 49 |

**Major Academic Plan**

MAPS - BS in Family Life Human Development 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Human Development Content and Theory | Demonstrate understanding of major concepts theories and research findings in substantive areas of human development. |

| | |
|---|---|
| Title<br>Instructional Design and Reflection | Consumer Sciences to create learning experiences that encourage students' development of critical thinking problem solving and performance skills. |

| | |
|---|---|
| Title<br>Basic Utah Effective Teaching Standards | Learning Outcome<br>Demonstrate basic competence in the ten Utah Effective Teaching Standards established by the Department of Education of the State of Utah. |

| | |
|---|---|
| Title<br>Family and Consumer Sciences Content | Learning Outcome<br>Demonstrate an understanding of the core concepts and principles associated with the Family and Consumer Sciences curricula taught in secondary classrooms (related to child development family studies foods and nutrition clothing home management and interior design). |

Free Form Requirements

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*At least 18 hours of major credit must be taken in residency at BYU.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*Students must request to be added to the pre-teaching major initially. Upon completing some basic requirements, they will be eligible to apply for the teaching major.*

*Students must complete SFL 276R prior to applying for the teaching major.*

**Requirement 1 —Complete 1 Course**

*Complete the following human development course:*

SFL210 Human Development - Human Development 3.0

**Requirement 2 —Complete 2 Courses**

*Complete the following early childhood learning experiences practice with lab concurrently:*

SFL221 Foundations of DAP - Foundations of DAP 1.0

| | |
|---|---|
| Title<br>Research and Evaluation Methodologies | Learning Outcome<br>Critically evaluate and/or use the various methodologies used in human development research. |

| | |
|---|---|
| Title<br>Effective Writing and Analysis | Learning Outcome<br>Write professional research papers on human development questions that demonstrate an ability to synthesize and critically evaluate research related to specific theories and/or substantive areas. |

Free Form Requirements

*The School of Family Life requires a minimum of 18 hours of upper-division major course work to be taken in residency at BYU for this degree program. (This requirement includes taking at least 12 hours minimum of the human development core in residency at BYU.) These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 —Complete 1 of 2 Options**

*Complete one of the following tracks:*

**Option 1.1 —Complete 4 Requirements**

*HUMAN DEVELOPMENT TRACK*

**Requirement 1.1.1 —Complete 12 Courses**

SFL101 Intro to SFL - Intro to SFL 1.0

SFL160 Intro to Family Processes - Intro to Family Processes 3.0

SFL200 Strengthening Marriage/Family - The Eternal Family 3.0

SFL210 Human Development - Human Development 3.0

SFL290 Critical Inquiry&Research Meth - Critical Inquiry&Research Meth 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL351 Social Development - Social Development 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 1.1.2 —Complete 9 hours**

*Note: Courses taken beyond the required 9 credit hours may count towards the 3 credit hour elective requirement below.*

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL352 Perception Cognition Language - Perception Cognition

SFL221 Foundations of DAP - Foundations of DAP 1.0

SFL222 DAP Practicum - DAP Practicum 3.0

**Requirement 3 —Complete 1 Course**

*Complete the following consumer and the market, family finance, family resource management courses:*

SFL260 Family Finance - Family Finance 3.0

**Requirement 4 —Complete 1 Course**

*Complete the following nutrition through the life cycle course:*

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

**Requirement 5 —Complete 2 Courses**

*Complete the following food preparation and meal management courses:*

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SFL215 Advanced Food Preparation - Advanced Food Preparation 3.0

**Requirement 6 —Complete 2 Courses**

*Complete the following food science with lab courses:*

NDFS175 Intro Food Science - Intro Food Science 3.0

NDFS251 Essentials of Food Sci Lab - Essentials of Food Sci Lab 1.0

**Requirement 7 —Complete 1 Course**

*Complete the following introduction to housing and interior design course:*

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

**Requirement 8 —Complete 1 Course**

*Complete the following textiles course:*

SFL382 Textiles - Textiles 3.0

**Requirement 9 —Complete 1 Course**

*Complete the following residential technology or housing: societal/environmental issues course:*

SFL202 Design in the Home - Design in the Home 3.0

**Requirement 10 —Complete 1 Course**

*Complete the following basic clothing construction course:*

SFL185R Basic Sewing Techniques - Basics of Clothing Constructn - *You may take once* 3.0

**Requirement 11 —Complete 1 Course**

*Complete the following intermediate clothing construction and alterations course:*

SFL287 Intermed Sewing Techniques - Intermed Clothing Construction 3.0

**Requirement 12 —Complete 1 of 3 Courses**

*Complete one of the following Family Relation courses:*

SFL356 Gender Development in Families - Gender Development in Families 3.0

Language 3.0

ECE355 Language Development - Language Development 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL449 Biological Fndtns of Human Dev - Biological Fndtns of Human Dev 3.0

**Requirement 1.1.3 —Complete 1 Requirement**

**Requirement 1.1.3.1 —Complete 3 hours**

SFL399R Academic Internship - Academic Internship - *You may take once* 1.0v

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL453 Moral Development - Moral Development 3.0

SFL490 Adv Issues in Human Dev - Adv Issues in Human Dev 3.0

Note 1: If SFL 453 is not used to fulfill the capstone requirement, it may be used to fulfill three credit hours of the nine credit hour requirement above. If SFL 490 is not used to fulfill the capstone requirement, it may be used to fulfill three credit hours of the nine credit hour requirement above.

Note 2: For SFL 399R and 403R, human development-related experiences are preferred. Only three credit hours of 399R or 403R may count toward the degree requirements. Additional credits may, however, count towards the overall 120 credit hour graduation requirement.

**Requirement 1.1.4 —Complete 3 hours**

*Any course you complete in SFL may only be counted once. If you have any confusion about whether or not you have fulfilled your SFL major requirements, it is your responsibility to go to the advisement center.*

HLTH456 Families and Public Health - Families and Public Health 3.0

SC ED476R Secondary Student Teaching - Secondary Student Teaching - *You may take once* 12.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SFL185R Basic Sewing Techniques - Basics of Clothing Constructn - *You may take once* 3.0

SFL200 Strengthening Marriage/Family - The Eternal Family 3.0

SFL202 Design in the Home - Design in the Home 3.0

SFL205 Home and Family Living - Home and Family Living 3.0

SFL215 Advanced Food Preparation - Advanced Food Preparation 3.0

SFL221 Foundations of DAP - Foundations of DAP 2.0

SFL222 DAP Practicum - DAP Practicum 2.0

SFL223 Preparation for Marriage - Preparation for Marriage 3.0

07749-004 - Missing course - Marriage Enhancement 3.0

SFL230 Housing the Family - Housing the Family 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SOC W200 Intro to Social Work - Intro to Social Work 3.0

**Requirement 13 —Complete 1 Course**

*Complete the following clothing selection and psychology of clothing course:*

SFL280 Dynamics of Clothing - Dynamics of Clothing 3.0

**Requirement 14 —Complete 4 Courses**

*Complete the following professional practice courses concurrently:*

SFL371 Consumer Sciences Technology - Consumer Sciences Technology 1.0

SFL377 Tchg Mthds in Fam&Cons Sci Ed - Tchg Mthds in Fam&Cons Sci Ed 3.0

SFL378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SFL379 Class & Lab management - Class & Lab management 1.0

**Requirement 15 —Complete 3 Requirements**

*Professional education component:*

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

**Requirement 15.1 —Complete 3 Courses**

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multi Cult Ed for Sc Ed - Multi Cult Ed for Sc Ed 3.0

**Requirement 15.2 —Complete 3 hours**

*Note: 3 hours of SFL 276R are required.*

SFL276R Exploration of Tchg-Fam & CS - Exploration of Tchg-Fam & CS - *You may take once* 3.0

Note: Fingerprinting and FBI clearance must be completed before registration in SFL 276R.

**Requirement 15.3 —Complete 12 hours**

SFL476 Student Teaching - Student Teaching - *You may take up to 12.0 credit hours* 12.0

SFL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take up to 12.0 credit hours* 12.0

*Student teachers/interns must complete three forms in their Educator accounts (PIBS, CDS, FED) and attach their PPAT to the Educator account for their program. All four must be completed to be cleared for graduation.*

*Complete the Praxis II test.*

**Recommended Courses are not required to complete the program**

*Advanced Written and Oral Communication: SFL 315 is strongly recommended.*

SFL315 Effective Writing & Presenting - Effective Writing & Presenting

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL260 Family Finance - Family Finance 3.0

SFL261 Consumerism and the Market - Consumerism and the Market 3.0

SFL276R Exploration of Tchg-Fam & CS - Exploration of Tchg-Fam & CS - *You may take once* 3.0v

SFL280 Dynamics of Clothing - Dynamics of Clothing 3.0

SFL287 Intermed Sewing Techniques - Intermed Clothing Construction 3.0

SFL305 Applied Stats/Data Management - Applied Stats/Data Management 3.0

SFL306 Death and Dying- Death and Dying 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

SFL325 Marital Relationships - Marital Relationships 3.0

SFL328 Hist of Interior Design&Arch 1 - Hist of Interior Design&Arch 1 3.0

SFL329 Hist of Interior Design&Arch 2 - Hist of Interior Design&Arch 2 3.0

SFL330 Pre-Prof Prep for MFT - Pre-Prof Prep for MFT 1.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL336 Theories in Fam Perspective - Theories in Fam Perspective 3.0

SFL340 Family Meal Management - Family Meal Management 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

ECE355 Language Development - Language Development 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL359 Child Life - Child Life 3.0

SFL360 Advanced Family Finance - Advanced Family Finance 3.0

SFL370 Families in Communities - Families in Communities 3.0

SFL371 Consumer Sciences Technology - Consumer Sciences Technology 1.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL377 Tchg Mthds in Fam&Cons Sci Ed - Tchg Mthds in Fam&Cons Sci Ed 3.0

SFL378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SFL379 Class & Lab management - Class & Lab management 1.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

SFL380 History of Apparel - History of Apparel 3.0

SFL382 Textiles - Textiles 3.0

SFL387 Adv Sewing: Patternmaking - Adv Clothing: Patternmaking 3.0

SFL393R Special Projects in Clothing - Special Projects in Clothing - *You may take once* 0.5v

SFL395R Special Topics in Family Life - Special Topics in Family Life - *You may take once* 1.0v

SFL399R Academic Internship - Academic Internship - *You may take once* 1.0v

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL420 Admin ECE Program - Admin ECE Program 2.0

SFL449 Biological Fndtns of Human Dev - Biological Fndtns of Human Dev 3.0

SFL453 Moral Development - Moral Development 3.0

SFL460 Advanced Family Processes - Advanced Family Processes 3.0

SFL461 The Family & the Law - The Family & the Law 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SFL471 Family Work & Relationships - Family Work & Relationships 3.0

SFL472 Temporal Welfare in Families - Temporal Welfare in Families 3.0

SFL487 Adv Sewing Studies:Constructn - Adv Clthng Studies:Constructn 3.0

SFL488R Home-Based Entrepre - Home-Based Entrepre - *You may take once* 1.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

SFL490 Adv Issues in Human Dev - Adv Issues in Human Dev 3.0

SFL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take once* 12.0

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice 3.0

**Option 1.2 —Complete 4 Requirements**

*BIOLOGICAL FOUNDATIONS IN HUMAN DEVELOPMENT TRACK*

**Requirement 1.2.1 —Complete 6 Courses**

SFL101 Intro to SFL - Intro to SFL 1.0

SFL160 Intro to Family Processes - Intro to Family Processes 3.0

SFL210 Human Development - Human Development 3.0

SFL290 Critical Inquiry&Research Meth - Critical Inquiry&Research Meth 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 1.2.2 —Complete 9 hours**

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL351 Social Development - Social Development 3.0

SFL449 Biological Fndtns of Human Dev - Biological Fndtns of Human Dev 3.0

**Requirement 1.2.3 —Complete 18 hours**

**Option 1.2.3.1 —Complete at least 14 hours up to 18 hours**

*Note: To fulfill this requirement, students may use either MMBio 121 or CELL 120; MMBIO 221 or MMBio 240; MMBio 222 or MMBio 241; and CELL 305 or a combination of CELL 362 and CELL 363.*

CELL120 Science of Biology - Science of Biology 3.0

CELL305 Human Physiology - Human Physiology 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL365 Pathophysiology - Pathophysiology 4.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

NURS102 Nurs-Med Term - Nurs-Med Term 2.0

NURS333 End-of-Life Care - End-of-Life Care 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

ECE355 Language Development - Language Development 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL359 Child Life - Child Life 3.0

SFL490 Adv Issues in Human Dev - Adv Issues in Human Dev 3.0

**Option 1.2.3.2 —Complete up to 4 hours**

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

Note: Any course listed in Group 1.2.2 that is not used to fulfill the 9 credit requirement for Group 1.2.2 may be used to fulfill the requirement for Group 1.2.3.

**Requirement 1.2.4 —Complete 6 hours**

*Any course you complete in SFL may only be counted once. If you have any confusion about whether or not you have fulfilled your SFL major requirements, it is your responsibility to go to the advisement center.*

SC ED476R Secondary Student Teaching - Secondary Student Teaching - *You may take once* 12.0

SFL100 Strengthening Marr & Family - Strengthening Marr & Family 3.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SFL185R Basic Sewing Techniques - Basics of Clothing Constructn - *You may take once* 3.0

SFL200 Strengthening Marriage/Family - The Eternal Family 3.0

SFL202 Design in the Home - Design in the Home 3.0

SFL205 Home and Family Living - Home and Family Living 3.0

SFL215 Advanced Food Preparation - Advanced Food Preparation 3.0

SFL221 Foundations of DAP - Foundations of DAP 2.0

SFL222 DAP Practicum - DAP Practicum 2.0

SFL223 Preparation for Marriage - Preparation for Marriage 3.0

07749-004 - Missing course - Marriage Enhancement 3.0

SFL230 Housing the Family - Housing the Family 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL260 Family Finance - Family Finance 3.0

SFL261 Consumerism and the Market - Consumerism and the Market 3.0

SFL276R Exploration of Tchg-Fam & CS - Exploration of Tchg-Fam & CS - *You may take once* 3.0v

SFL280 Dynamics of Clothing - Dynamics of Clothing 3.0

SFL287 Intermed Sewing Techniques - Intermed Clothing Construction 3.0

SFL305 Applied Stats/Data Management - Applied Stats/Data Management 3.0

SFL306 Death and Dying - Death and Dying 3.0

SFL325 Marital Relationships - Marital Relationships 3.0

SFL328 Hist of Interior Design&Arch 1 - Hist of Interior Design&Arch 1 3.0

SFL329 Hist of Interior Design&Arch 2 - Hist of Interior Design&Arch 2 3.0

SFL330 Pre-Prof Prep for MFT - Pre-Prof Prep for MFT 1.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL336 Theories in Fam Perspective - Theories in Fam Perspective 3.0

SFL340 Family Meal Management - Family Meal Management 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

ECE355 Language Development - Language Development 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL359 Child Life - Child Life 3.0

SFL360 Advanced Family Finance - Advanced Family Finance 3.0

SFL370 Families in Communities - Families in Communities 3.0

SFL371 Consumer Sciences Technology - Consumer Sciences Technology 1.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL377 Tchg Mthds in Fam&Cons Sci Ed - Tchg Mthds in Fam&Cons Sci Ed 3.0

SFL378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SFL379 Class & Lab management - Class & Lab management 1.0

SFL380 History of Apparel - History of Apparel 3.0

SFL382 Textiles - Textiles 3.0

SFL387 Adv Sewing: Patternmaking - Adv Clothing: Patternmaking 3.0

SFL393R Special Projects in Clothing - Special Projects in Clothing - *You may take once* 0.5v

SFL395R Special Topics in Family Life - Special Topics in Family Life - *You may take once* 1.0v

SFL399R Academic Internship - Academic Internship - *You may take once* 1.0v

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL420 Admin ECE Program - Admin ECE Program 2.0

SFL453 Moral Development - Moral Development 3.0

SFL460 Advanced Family Processes - Advanced Family Processes 3.0

SFL461 The Family & the Law - The Family & the Law 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SFL471 Family Work & Relationships - Family Work & Relationships 3.0

SFL472 Temporal Welfare in Families - Temporal Welfare in Families 3.0

SFL487 Adv Sewing Studies:Constructn - Adv Clthng Studies:Constructn 3.0

SFL488R Home-Based Entrepre - Home-Based Entrepre - *You may take once* 1.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

SFL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take once* 12.0

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice 3.0

## 734732 - Family Life: Family Studies (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Family Life: Family Studies | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 49 | 49 |

**Major Academic Plan**

MAPS - BS in Family Life Family Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Marriage and Family Content and Theory | Demonstrate understanding of major concepts theories and research results in substantive areas related to marriage family and home. |

| Title | Learning Outcome |
|---|---|
| Research and Evaluation Methodologies | Critically evaluate and/or use the various methodologies used in marriage home and family studies research. |

| | Learning Outcome |
|---|---|
| | Write professional research papers on marriage and family studies questions that demonstrate an ability to synthesize and critically evaluate |

## 735009 - Civic Engagement Leadership (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Civic Engagement Leadership | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 18 |

**Free Form Requirements**

**Requirement 1 — Complete 2 Courses**

FHSS300 Leadership Projects - Leadership Projects 2.0

FHSS400 Civic Engage Leadership - Civic Engage Leadership 3.0

**Requirement 2 — Complete 13 hours**

*Complete 13 credit hours from the following (3.0 credit hours must be outside your major). Note: Hlth 431 and 439 are options only for Public Health students. Note: Only 3 credit hours of internship may be used toward fulfilling this requirement. Course electives not listed but with significant civic engagement content may be counted towards Requirement 2 with approval from the Director of Civic Engagement.*

AM ST399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

COMMS304 Media Ethics - Media Ethics 3.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

COMMS399R Academic Internship - Academic Internship - *You may take once* 1.0

| Title | |
|---|---|
| Effective Writing and Analysis | research related to specific theories and/or substantive areas. |

**Free Form Requirements**

*The School of Family Life requires a minimum of 18 hours of SFL upper-division course work to be taken in residency at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

*Students who do not plan to pursue a graduate program beyond the bachelor's degree should take other courses that will enhance their employment opportunities. Consult a faculty advisor or your academic advisor for suggested minors, majors, and skills. Students are encouraged to take student development courses related to career planning in their junior or senior year.*

**Requirement 1 —Complete 7 Courses**

*Complete the following School of Family Life core before taking other courses in the major:*

SFL101 Intro to SFL - Intro to SFL 1.0

SFL160 Intro to Family Processes - Intro to Family Processes 3.0

SFL200 Strengthening Marriage/Family - The Eternal Family 3.0

SFL210 Human Development - Human Development 3.0

SFL290 Critical Inquiry&Research Meth - Critical Inquiry&Research Meth 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

**Requirement 2 —Complete 1 Course**

*Family studies upper-division core course:*

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

**Requirement 3 —Complete 3 Courses**

*Family science core courses:*

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL336 Theories in Fam Perspective - Theories in Fam Perspective 3.0

SFL460 Advanced Family Processes - Advanced Family Processes 3.0

**Requirement 4 —Complete 1 of 2 Options**

*Complete one of the following 2 tracks:*

**Option 4.1 —Complete 3 Requirements**

*FAMILY STUDIES TRACK*

**Requirement 4.1.1 —Complete 9 hours**

*Note: SFL 395R and 403R may only be taken once each.*

SFL260 Family Finance - Family Finance 3.0

SFL305 Applied Stats/Data Management - Applied Stats/Data Management 3.0

SFL325 Marital Relationships - Marital Relationships 3.0

COMMS416 Media Advocacy & Social Change - Media Advocacy & Social Change 3.0

COMMS436 PR Strategy - PR Strategy 3.0

COMMS481 Gender, Race, & Class in Media - Gender, Race, & Class in Media 3.0

COMMS485 PR Campaigns - PR Campaigns 3.0

ECON381 Intermed Macroeconomics - Intermed Macroeconomics 3.0

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ECON461 Economics of Education - Economics of Education 3.0

ECON468 Urban Economics - Urban Economics 3.0

EXDM300 Creating a Good Life - Creating a Good Life 3.0

EXDM418 Designing for Inc & Belonging - Div, Equ, & Incl in ExDM 3.0

FHSS200 Intro Civic Engage Leadership - Intro Civic Engage Leadership 1.0

FHSS351 Civil Rights Seminar - Civil Rights Seminar 3.0

FHSS399R Civic Engagement Internship - Civic Engagement Internship - *You may take once* 1.0v

GEOG306 Public Lands: Planning & Mgmt - Global Conservatn Designations 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG341 Political Geography - Political Geography 3.0

GEOG399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

GEOG510 Professional Planning Studio - Professional Planning Studio 3.0

HCOLL399R Professional Internship - Professional Internship - *You may take up to 3.0 credit hours* 0.5v

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST336 S Africa Liberation - S Africa Liberation 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HLTH322 Environmental Health - Environmental Health 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL382 Textiles - Textiles 3.0

SFL395R Special Topics in Family Life - Special Topics in Family Life - *You may take once* 1.0v

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL461 The Family & the Law - The Family & the Law 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

**Requirement 4.1.2 —Complete 3 hours**

*Note: For SFL 399R and 403R, family studies-related experiences are preferred. Only 3 credit hours of 399R or 403R may count toward the 49 credit hour graduation requirement. For exceptions for capstone courses, contact the department.*

SFL399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take up to 3.0 credit hours* 0.5v

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice - *You may take up to 3.0 credit hours* 3.0

**Requirement 4.1.3 —Complete 6 hours**

*Any course you complete in the SFL may only be counted once. If you have any confusion about whether or not you have fulfilled your SFL major requirements, it is your responsibility to go to the advisement center.*

SC ED476R Secondary Student Teaching - Secondary Student Teaching - *You may take once* 12.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SFL185R Basic Sewing Techniques - Basics of Clothing Constructn - *You may take once* 3.0

SFL200 Strengthening Marriage/Family - The Eternal Family 3.0

SFL202 Design in the Home - Design in the Home 3.0

SFL205 Home and Family Living - Home and Family Living 3.0

SFL215 Advanced Food Preparation - Advanced Food Preparation 3.0

HLTH413 Refugee & Migrant Health - Refugee & Migrant Health 3.0

HLTH422 Disaster Response & Emer Prep - Disaster Response & Emer Prep 3.0

HLTH431 Hlth Comm and Advocacy - Hlth Comm and Advocacy 3.0

HLTH450 Women's Health - Women's Health 3.0

HLTH480 International Health - International Health 3.0

HLTH494 Program Planning Capstone - Program Planning Capstone 3.0

MSB375 Social Impact - Social Impact 3.0

MSB376 Social Impact: Leveraging Orgs - Social Impact: Leveraging Orgs 3.0

MSB377 Design Thinking- Social Impact - Design Thinking- Social Impact 3.0

MSB378 Evaluating Social Impact - Evaluating Social Impact 3.0

MSB492R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

POLI311 State Government and Politics - State Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Academic Internship - Congress Internship - *You may take up to 3.0 credit hours* 0.5v

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

PSYCH399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

PSYCH420R Senior Practicum: Projects - Senior Practicum: Projects 3.0

PWS180 Global Climate Change - Global Climate Change 3.0

SFL399R Academic Internship - Academic Internship - *You may take*

SFL221 Foundations of DAP - Foundations of DAP 2.0

SFL222 DAP Practicum - DAP Practicum 2.0

SFL223 Preparation for Marriage - Preparation for Marriage 3.0

07749-004 - Missing course - Marriage Enhancement 3.0

SFL230 Housing the Family - Housing the Family 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL260 Family Finance - Family Finance 3.0

SFL261 Consumerism and the Market - Consumerism and the Market 3.0

SFL276R Exploration of Tchg-Fam & CS - Exploration of Tchg-Fam & CS - *You may take once* 3.0v

SFL280 Dynamics of Clothing - Dynamics of Clothing 3.0

SFL287 Intermed Sewing Techniques - Intermed Clothing Construction 3.0

SFL305 Applied Stats/Data Management - Applied Stats/Data Management 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

SFL325 Marital Relationships - Marital Relationships 3.0

SFL328 Hist of Interior Design&Arch 1 - Hist of Interior Design&Arch 1 3.0

SFL329 Hist of Interior Design&Arch 2 - Hist of Interior Design&Arch 2 3.0

SFL330 Pre-Prof Prep for MFT - Pre-Prof Prep for MFT 1.0

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL340 Family Meal Management - Family Meal Management 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SFL351 Social Development - Social Development 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

ECE355 Language Development - Language Development 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL359 Child Life - Child Life 3.0

SFL360 Advanced Family Finance - Advanced Family Finance 3.0

SFL370 Families in Communities - Families in Communities 3.0

SFL371 Consumer Sciences Technology - Consumer Sciences Technology 1.0

*up to 3.0 credit hours* 1.0v

SFL489 Family & Public Policy - Family & Public Policy 3.0

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

SOC399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

SOC422 Inequality & Society - Inequality & Society 3.0

SOC528 Sociology of Rural Communities - Sociology of Rural Communities 3.0

SOC W200 Intro to Social Work - Intro to Social Work 3.0

SOC W331 Social Welfare Policy - Social Welfare Policy 3.0

SOC W360 Social Wk Practice/Individuals - Social Wk Practice/Individuals 3.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL377 Tchg Mthds in Fam&Cons Sci Ed - Tchg Mthds in Fam&Cons Sci Ed 3.0

SFL378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SFL379 Class & Lab management - Class & Lab management 1.0

SFL380 History of Apparel - History of Apparel 3.0

SFL382 Textiles - Textiles 3.0

SFL387 Adv Sewing: Patternmaking - Adv Clothing: Patternmaking 3.0

SFL393R Special Projects in Clothing - Special Projects in Clothing - *You may take once* 0.5v

SFL395R Special Topics in Family Life - Special Topics in Family Life - *You may take once* 1.0v

SFL399R Academic Internship - Academic Internship - *You may take once* 1.0v

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL420 Admin ECE Program - Admin ECE Program 2.0

SFL449 Biological Fndtns of Human Dev - Biological Fndtns of Human Dev 3.0

SFL453 Moral Development - Moral Development 3.0

SFL461 The Family & the Law - The Family & the Law 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SFL471 Family Work & Relationships - Family Work & Relationships 3.0

SFL472 Temporal Welfare in Families - Temporal Welfare in Families 3.0

SFL487 Adv Sewing Studies:Constructn - Adv Clthng Studies:Constructn 3.0

SFL488R Home-Based Entrepre - Home-Based Entrepre - *You may take once* 1.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

SFL490 Adv Issues in Human Dev - Adv Issues in Human Dev 3.0

SFL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take once* 12.0

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice 3.0

SOC318 Adol Dev Fam & Soc - Adol Dev Fam & Soc 3.0

**Option 4.2 —Complete 3 Requirements**

*FAMILY SERVICES TRACK*

**Requirement 4.2.1 —Complete 4 Courses**

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SOC W200 Intro to Social Work - Intro to Social Work 3.0

SOC W331 Social Welfare Policy - Social Welfare Policy 3.0

SOC W360 Social Wk Practice/Individuals - Social Wk Practice/Individuals 3.0

**Requirement 4.2.2 —Complete 3 hours**

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

PSYCH342 Psychopathology - Abnormal Psychology 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

**Requirement 4.2.3 —Complete 3 hours**

*Note: Students planning to qualify for some Master of Social Work (MSW) degree programs may want to consider an SFL 399R experience in a human service-related agency. Some MSW programs may require more than 3 credit hours of internship, however, only 3 credit hours of internship may count for SFL credit.*

SFL399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

Any course you complete in the SFL may only be counted once. If you have any confusion about whether or not you have fulfilled your SFL major requirements, it is your responsibility to go to the advisement center.

## 735103 - Political Science (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Political Science | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 21 | 21 |

**Free Form Requirements**

**Requirement 1 — Complete 1 of 3 Options**

**Option 1.1 — Complete 2 Requirements**

**Requirement 1.1.1 — Complete 1 Course**

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

**Requirement 1.1.2 — Complete 1 of 4 Courses**

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

## 735105 - International Strategy and Diplomacy (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| International Strategy and Diplomacy | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 18 |

**Free Form Requirements**

**Requirement 1 — Complete 1 of 4 Courses**

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.2 — Complete 2 Requirements**

**Requirement 1.2.1 — Complete 1 Course**

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 1.2.2 — Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.3 — Complete 2 Requirements**

**Requirement 1.3.1 — Complete 1 Course**

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Requirement 1.3.2 — Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 2 — Complete 1 of 2 Courses**

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

**Requirement 3 — Complete 12 hours**

*Complete twelve additional credits hours of the following courses. Only 6 hours of POLI 399R (Internship Credit) may count toward the minor. Only 6 hours of POLI 497R (Mentored Research) may count toward the minor.*

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Requirement 2 — Complete 6 hours**

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

04684-004 - Missing course - Foreign Policy Analysis 3.0

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI 399R - International Internship - *You may take once* 0.5v

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

*Note: Internships and mentored research must be related to international strategy and diplomacy to count for the International Strategy and Diplomacy minor.*

**Requirement 3 — Complete 3 hours**

HIST393 US Foreign Relations - US Foreign Relations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

06067-002 - Missing course - IR of North America 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

09639-001 - Missing course - Japanese Foreign Policy 3.0

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take once* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

04754-004 - Missing course - Social Policy 3.0

POLI336 Government and Religion - Government and Religion 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take once* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

06198-004 - Missing course - Japan:Government&Politics 3.0

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

**Requirement 4 — Complete 6 hours**

POLI341 European Politics - European Politics 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

06198-004 - Missing course - Japan:Government&Politics 3.0

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take once* 1.0v

04684-004 - Missing course - Foreign Policy Analysis 3.0

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take once* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

06067-002 - Missing course - IR of North America 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

09639-001 - Missing course - Japanese Foreign Policy 3.0

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

04641-017 - Missing course - Plato's Political Thought 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

*POLI 101 and 297 cannot be counted toward the minor.*

*Students scoring a 4 or 5 on the U.S. Government & Politics and/or Comparative Government & Politics AP exams may substitute AP credit for POLI 110 and/or POLI 150, respectively.*

## 735106 - Legal Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Legal Studies | MIN |
| Variable Credit Min | Variable Credit Max |
| 15 | 15 |

Free Form Requirements

**Requirement 1 — Complete 9 hours**

*Note: PHIL 416 (Philosophy of Law) may be used in place of POLI 364. See your academic advisor for more information.*

HIST392 US Constitutnl His - US Constitutnl His 3.0

POLI278 Statistics for Lawyers - Statistics for Lawyers 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI373 International Law - International Law 3.0

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

**Requirement 2 — Complete 6 hours**

*Note: PHIL 416 (Philosophy of Law) may be used in place of POLI 364. See your academic advisor for more information.*

FHSS351 Civil Rights Seminar - Civil Rights Seminar 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

POLI278 Statistics for Lawyers - Statistics for Lawyers 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI334 Public Ethics - Public Ethics 3.0

POLI336 Government and Religion - Government and Religion 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political

## 735107 - Political Strategy (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Political Strategy | MIN |
| Variable Credit Min | Variable Credit Max |
| 18 | 18 |

Free Form Requirements

**Requirement 1 — Complete 1 of 2 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

**Requirement 2 — Complete 9 hours**

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

04754-004 - Missing course - Social Policy 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI342 Gender and Politics - Gender and Politics 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI300 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI373 International Law - International Law 3.0

POLI375 International Organizations - International Organizations 3.0

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI 399R - Congress Internship - *You may take once* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI473 Human Rights - Human Rights 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

STDEV168R Law Lecture Series - Law Lecture Series - *You may take once* 1.0

STDEV260 Constitutional Research - Constitutional Research 1.0

STDEV261 The Law in Literature - The Law in Literature 2.0

STDEV364 Mediation Techniques & Practic - Mediation Techniques & Practic 3.0

STDEV365 Legal Education & Practice - Legal Education & Practice 2.0

STDEV368R Prelaw Review Journal Writing - Prelaw Review Journal Writing - *You may take once* 2.0

STDEV496R Advanced Legal Internship - Advanced Legal Internship - *You may take once* 1.0v

*Note: Up to 3 credit hours of STDEV can count for the Legal Studies minor.*

*Note: Internships and mentored research must be related to legal studies to count for the Legal Studies minor.*

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

**Requirement 3 — Complete 6 hours**

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ECON477 Political Economics - Political Economics 3.0

FHSS351 Civil Rights Seminar - Civil Rights Seminar 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

04754-004 - Missing course - Social Policy 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI342 Gender and Politics - Gender and Politics 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

*Internships and mentored research must be related to political strategy to count for the Political Strategy minor.*

*Students are strongly encouraged to take one of the following methods courses: POLI 301, 302, 304, 305, 428.*

*Students may count up to 6 credit hours of POLI 399R (internship credit) in the minor.*

*Students are strongly encouraged to complete internships, work on political campaigns, and gain other practical political experience.*

## 735108 - Political Research and Data Analysis (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Political Research and Data Analysis | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 21 | 26 |

**Free Form Requirements**

**Requirement 1 — Complete 1 of 2 Options**

**Option 1.1 — Complete 2 Courses**

POLI200 Political Inquiry - Political Inquiry 4.0

POLI300 Statistical Analysis - Statistical Analysis 4.0

**Option 1.2 — Complete 1 of 4 Courses**

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

PSYCH308 Psychological Statistics - Psychological Statistics 4.0

## 735111 - Political Science: International Strategy and Diplomacy (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Political Science: International Strategy & Diplomacy | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 44 | 44 |

**Major Academic Plan**

MAP - BA in Political Science International Strategy and Diplomacy.pdf

| | Learning Outcome |
|---|---|
| **Title** | |
| 1. Understand Political Science and Its Subfields | Demonstrate advanced understanding of the discipline of political science, including familiarity with each of the four major subfields: American politics, comparative politics, international relations, and political philosophy. |

SOC405 Regression Analysis - Regression Analysis 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

**Requirement 2 — Complete 9 hours**

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

**Requirement 3 — Complete 9 hours**

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0

ECON588 Advanced Econometrics - Advanced Econometrics 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You*

| Title | Learning Outcome |
|---|---|
| 2. Employ Rigorous Research Methods | Use rigorous methods of research design and analysis to answer political questions, including multiple research methodologies |

| Title | Learning Outcome |
|---|---|
| 3. Write and Speak with Originality and Clarity | Write and speak with originality and clarity, providing reasons and evidence to support claims using proper citation of source material. |

| Title | Learning Outcome |
|---|---|
| 4. Think Critically and Analytically about Politics | Think critically and analytically about government, political processes, and political theories, including the components of a good society. |

| Title | Learning Outcome |
|---|---|
| 5. Collaborate Effectively | Collaborate effectively with others, including participation in political processes and engagement on issues of political importance. |

**Free Form Requirements**

*The Political Science Department requires a minimum of 27 hours of political science courses to be taken in residency at BYU for this degree program (BYU Independent Study courses do not meet this requirement). These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 —Complete 1 of 3 Options**

*Introduction to the Major.*

**Option 1.1 —Complete 2 Requirements**

**Requirement 1.1.1 —Complete 1 Course**

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

**Requirement 1.1.2 —Complete 1 of 4 Courses**

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.2 —Complete 2 Requirements**

**Requirement 1.2.1 —Complete 1 Course**

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

*may take once* 1.0v

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

PSYCH310 Research Design & Analysis - Research Design & Analysis 3.0

STAT230 Statistical Modeling 1 - Analysis of Variance 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT531 Experimental Design - Experimental Design 3.0

3.0

**Requirement 1.2.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.3 —Complete 2 Requirements**

**Requirement 1.3.1 —Complete 1 Course**

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Requirement 1.3.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 2 —Complete 1 of 3 Courses**

*Political Philosophy.*

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

**Requirement 3 —Complete 1 Course**

*Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)*

POLI200 Political Inquiry - Political Inquiry 4.0

**Requirement 4 —Complete 1 of 5 Courses**

*Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)*

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

**Requirement 5 —Complete 2 Requirements**

*Analytical and Professional Skills.*

**Requirement 5.1 —Complete 1 Course**

*(Note: POLI 328 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)*

POLI300 Statistical Analysis - Statistical Analysis 4.0

**Requirement 5.2 —Complete 3 hours**

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

**Requirement 6 —Complete 6 hours**

*Professional Emphasis Part 1. Note: Internships and mentored research must be related to international strategy and diplomacy to count for the International Strategy and Diplomacy Track.*

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

04684-004 - Missing course - Foreign Policy Analysis 3.0

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI 399R - International Internship - *You may take once* 0.5v

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

**Requirement 7 —Complete 3 hours**

*Professional Emphasis Part 2.*

HIST393 US Foreign Relations - US Foreign Relations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

06067-002 - Missing course - IR of North America 3.0- *This course is not currently offered*

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

09639-001 - Missing course - Japanese Foreign Policy 3.0- *This course is not currently offered*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

**Requirement 8 —Complete 6 hours**

*Professional Emphasis Part 3.*

POLI341 European Politics - European Politics 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

06198-004 - Missing course - Japan:Government&Politics 3.0-*This course is not currently offered*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0- *This course is not currently offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

*Note: Students are strongly encouraged to complete international internships, field studies, and mentored research. Some study abroad programs may also be helpful.*

**Requirement 9 —Complete 6 hours**

*Additional Electives.*

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI334 Public Ethics - Public Ethics 3.0

04754-004 - Missing course - Social Policy 3.0- *This course is not currently offered*

POLI336 Government and Religion - Government and Religion 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

06198-004 - Missing course - Japan:Government&Politics 3.0

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

04684-004 - Missing course - Foreign Policy Analysis 3.0-*This course is not currently offered*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

06067-002 - Missing course - IR of North America 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

09639-001 - Missing course - Japanese Foreign Policy 3.0

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI 399R - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

04641-017 - Missing course - Plato's Political Thought 3.0- *This course is not currently offered*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 499 - Honors Thesis - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

04730-013 - Missing course - Adv Topics in Public Policy - *You may take once* 3.0- *This course is not currently offered*

07089-012 - Missing course - Topics on World Politics - *You may take once* 3.0-*This course is not currently offered*

06671-019 - Missing course - Academic Internship - *You may take once* 0.5v-*This course is not currently offered*

06671-020 - Missing course - Graduate Internship - *You may take once* 0.5v- *This course is not currently offered*

*1. No double-counting of courses across requirements.*

*2. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.*

*3. Only 6 hours of POLI 399R (internship credit) may count toward the major.*

*4. No cooperative education (internship) credit from other universities*

*4. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.*

*5. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168) at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]*

*6. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.*

*7. We strongly encourage students to take POLI 398, a career lecture series course.*

## 735112 - Political Science: Global Development (BA)

### Program Information

**Program Title**
Political Science: Global Development

**Degree**
BA

**Variable Credit Min**
44

**Variable Credit Max**
44

**Major Academic Plan**
MAP - BA in Political Science Global Development 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1. Understand Political Science and Its Subfields | Demonstrate advanced understanding of the discipline of political science, including familiarity with each of the four major subfields: American politics, comparative politics, international relations, and political philosophy. |
| 2. Employ Rigorous Research Methods | Use rigorous methods of research design and analysis to answer political questions, including multiple research methodologies |
| 3. Write and Speak with Originality and Clarity | Write and speak with originality and clarity, providing reasons and evidence to support claims using proper citation of source material. |
| 4. Think Critically and Analytically about Politics | Think critically and analytically about government, political processes, and political theories, including the components of a good society. |

## 735113 - Political Science: Legal Studies (BA)

### Program Information

**Program Title**
Political Science: Legal Studies

**Degree**
BA

**Variable Credit Min**
44

**Variable Credit Max**
44

**Major Academic Plan**
MAP - BA in Political Science Legal Studies 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1. Understand Political Science and Its Subfields | Demonstrate advanced understanding of the discipline of political science, including familiarity with each of the four major subfields: American politics, comparative politics, international relations, and political philosophy. |
| 2. Employ Rigorous Research Methods | Use rigorous methods of research design and analysis to answer political questions, including multiple research methodologies |
| 3. Write and Speak with Originality and Clarity | Write and speak with originality and clarity, providing reasons and evidence to support claims using proper citation of source material. |
| 4. Think Critically and Analytically about Politics | Think critically and analytically about government, political processes, and political theories, including the components of a good society. |

| Title | Learning Outcome |
| --- | --- |
| 5. Collaborate Effectively | Collaborate effectively with others, including participation in political processes and engagement on issues of political importance. |

**Free Form Requirements**

*The Political Science Department requires a minimum of 27 hours of political science courses to be taken in residency at BYU for this degree program (BYU Independent Study courses do not meet this requirement). These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 —Complete 1 of 3 Options**

*Introduction to the Major.*

**Option 1.1 —Complete 2 Requirements**

**Requirement 1.1.1 —Complete 1 Course**

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

**Requirement 1.1.2 —Complete 1 of 4 Courses**

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.2 —Complete 2 Requirements**

**Requirement 1.2.1 —Complete 1 Course**

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 1.2.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.3 —Complete 2 Requirements**

**Requirement 1.3.1 —Complete 1 Course**

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Requirement 1.3.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 2 —Complete 1 of 3 Courses**

*Political Philosophy.*

| Title | Learning Outcome |
| --- | --- |
| 5. Collaborate Effectively | Collaborate effectively with others, including participation in political processes and engagement on issues of political importance. |

**Free Form Requirements**

*The Political Science Department requires a minimum of 27 hours of political science courses to be taken in residency at BYU for this degree program (BYU Independent Study courses do not meet this requirement). These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 —Complete 1 of 3 Options**

*Introduction to the Major.*

**Option 1.1 —Complete 2 Requirements**

**Requirement 1.1.1 —Complete 1 Course**

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

**Requirement 1.1.2 —Complete 1 of 4 Courses**

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.2 —Complete 2 Requirements**

**Requirement 1.2.1 —Complete 1 Course**

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 1.2.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.3 —Complete 2 Requirements**

**Requirement 1.3.1 —Complete 1 Course**

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Requirement 1.3.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 2 —Complete 1 of 3 Courses**

*Political Philosophy.*

*Political Philosophy.*

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

**Requirement 3 —Complete 1 Course**

*Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)*

POLI200 Political Inquiry - Political Inquiry 4.0

**Requirement 4 —Complete 1 of 5 Courses**

*Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)*

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

**Requirement 5 —Complete 2 Requirements**

*Analytical and Professional Skills.*

**Requirement 5.1 —Complete 1 Course**

*(Note: POLI 328 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)*

POLI300 Statistical Analysis - Statistical Analysis 4.0

**Requirement 5.2 —Complete 3 hours**

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

**Requirement 3 —Complete 1 Course**

*Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)*

POLI200 Political Inquiry - Political Inquiry 4.0

**Requirement 4 —Complete 1 of 5 Courses**

*Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)*

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

**Requirement 5 —Complete 2 Requirements**

*Analytical and Professional Skills.*

**Requirement 5.1 —Complete 1 Course**

*(Note: POLI 328 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)*

POLI300 Statistical Analysis - Statistical Analysis 4.0

**Requirement 5.2 —Complete 3 hours**

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S 142 - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

**Requirement 6 —Complete 1 Course**

*Professional Emphasis Part 1.*

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

**Requirement 7 —Complete 12 hours**

*Professional Emphasis Part 2.*

ECON230 Econ Development & Growth - Econ Development & Growth 3.0

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

06198-004 - Missing course - Japan:Government&Politics 3.0 - *This course is no longer offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

**Requirement 6 —Complete 9 hours**

*Professional Emphasis Part 1. Note: PHIL 416 (Philosophy of Law) may be used in place of POLI 364. See your academic advisor for more information.*

HIST392 US Constitutnl His - US Constitutnl His 3.0

POLI278 Statistics for Lawyers - Statistics for Lawyers 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI373 International Law - International Law 3.0

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

**Requirement 7 —Complete 6 hours**

*Professional Emphasis Part 2. Note: PHIL 416 (Philosophy of Law) may be used in place of POLI 364. See your academic advisor for more information.*

FHSS351 Civil Rights Seminar - Civil Rights Seminar 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

POLI278 Statistics for Lawyers - Statistics for Lawyers 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI394R Topics in Global Development - Topics in Global Development - *You may take up to 9.0 credit hours* 1.0v

POLI399R Utah Legislature Internship - Congress Internship - *You may take once* 0.5v

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

*Note: Internships and mentored research must be related to global development to count for the Global Development track (i.e. international development organization or in developing countries).*

*Note: Students are strongly encouraged to complete international internships and mentored field research.*

**Requirement 8 —Complete 6 hours**

*Additional electives.*

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI334 Public Ethics - Public Ethics 3.0

POLI336 Government and Religion - Government and Religion 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI373 International Law - International Law 3.0

POLI375 International Organizations - International Organizations 3.0

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI 399R - Congress Internship - *You may take once* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI473 Human Rights - Human Rights 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

STDEV168R Law Lecture Series - Law Lecture Series - *You may take once* 1.0

STDEV260 Constitutional Research - Constitutional Research 1.0

STDEV261 The Law in Literature - The Law in Literature 2.0

STDEV364 Mediation Techniques & Practic - Mediation Techniques & Practic 3.0

STDEV365 Legal Education & Practice - Legal Education & Practice 2.0

STDEV368R Prelaw Review Journal Writing - Prelaw Review Journal Writing - *You may take once* 2.0

STDEV496R Advanced Legal Internship - Advanced Legal Internship - *You may take once* 1.0v

*Note: Up to 3 credit hours of STDEV can count for the Legal Studies emphasis.*

*Note: Internships and mentored research must be related to legal studies.*

**Requirement 8 —Complete 6 hours**

*Additional electives.*

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI334 Public Ethics - Public Ethics 3.0

04754-004 - Missing course - Social Policy 3.0 - *This course is no longer offered*

POLI336 Government and Religion - Government and Religion 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

06198-004 - Missing course - Japan:Government&Politics 3.0 - *This course is no longer offered*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0 - *This course is no longer offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics- Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI334 Public Ethics - Public Ethics 3.0

04754-004 - Missing course - Social Policy 3.0 - *This course is no longer offered*

POLI336 Government and Religion - Government and Religion 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

04684-004 - Missing course - Foreign Policy Analysis 3.0 - *This course is no longer offered*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

06067-002 - Missing course - IR of North America 3.0 - *This course is no longer offered*

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

09639-001 - Missing course - Japanese Foreign Policy 3.0 - *This course is no longer offered*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

06198-004 - Missing course - Japan:Government&Politics 3.0 - *This course is no longer offered*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0 - *This course is no longer offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

04684-004 - Missing course - Foreign Policy Analysis 3.0 - *This course is no longer offered*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

06067-002 - Missing course - IR of North America 3.0 - *This course is no longer offered*

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

09639-001 - Missing course - Japanese Foreign Policy 3.0 - *This course is no longer offered*

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI 399R - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

04641-017 - Missing course - Plato's Political Thought 3.0 - *This course is no longer offered*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI 399R - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

04641-017 - Missing course - Plato's Political Thought 3.0 - *This course is no longer offered*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of

*once* 0.5v

POLI 499 - Honors Thesis - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

04730-013 - Missing course - Adv Topics in Public Policy - *You may take once* 3.0 - *This course is no longer offered*

07089-012 - Missing course - Topics on World Politics - *You may take once* 3.0 - *This course is no longer offered*

06671-019 - Missing course - Academic Internship - *You may take once* 0.5v - *This course is no longer offered*

06671-020 - Missing course - Graduate Internship - *You may take once* 0.5v - *This course is no longer offered*

*1. No double-counting of courses across requirements.*

*2. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.*

*3. Only 6 hours of POLI 399R (internship credit) may count toward the major.*

*4. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.*

*5. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168) at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]*

*6. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.*

*7. We strongly encourage students to take POLI 398 , a career lecture series course.*

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 499 - Honors Thesis - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

04730-013 - Missing course - Adv Topics in Public Policy - *You may take once* 3.0 - *This course is no longer offered*

07089-012 - Missing course - Topics on World Politics - *You may take once* 3.0 - *This course is no longer offered*

06671-019 - Missing course - Academic Internship - *You may take once* 0.5v - *This course is no longer offered*

06671-020 - Missing course - Graduate Internship - *You may take once* 0.5v - *This course is no longer offered*

*1. No double-counting of courses across requirements.*

*2. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.*

*3. Only 6 hours of POLI 399R (internship credit) may count toward the major.*

*4. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.*

*5. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168) at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]*

*6. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.*

*7. We strongly encourage students to take POLI 398 , a career lecture series course.*

## 735114 - Political Science: Political Strategy (BA)

### Program Information

| Program Title | Degree |
|---|---|

## 735115 - Political Science: Research and Analysis (BA)

### Program Information

| Program Title | Degree |
|---|---|

Political Science: Political Strategy BA

**Variable Credit Min**
44

**Variable Credit Max**
44

**Major Academic Plan**
MAP - BA in Political Science Political Strategy 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1. Understand Political Science and Its Subfields | Demonstrate advanced understanding of the discipline of political science, including familiarity with each of the four major subfields: American politics, comparative politics, international relations, and political philosophy. |
| 2. Employ Rigorous Research Methods | Use rigorous methods of research design and analysis to answer political questions, including multiple research methodologies |
| 3. Write and Speak with Originality and Clarity | Write and speak with originality and clarity, providing reasons and evidence to support claims using proper citation of source material. |
| 4. Think Critically and Analytically about Politics | Think critically and analytically about government, political processes, and political theories, including the components of a good society. |
| 5. Collaborate Effectively | Collaborate effectively with others, including participation in political processes and engagement on issues of political importance. |

**Free Form Requirements**
*The Political Science Department requires a minimum of 27 hours of political science courses to be taken in residency at BYU for this degree program (BYU Independent Study courses do not meet this requirement). These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 —Complete 1 of 3 Options**

*Introduction to the Major.*

**Option 1.1 —Complete 2 Requirements**

**Requirement 1.1.1 —Complete 1 Course**

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

**Requirement 1.1.2 —Complete 1 of 4 Courses**

Political Science: Research and Analysis BA

**Variable Credit Min**
44

**Variable Credit Max**
44

**Major Academic Plan**
MAP - BA in Political Science - Research & Analysis 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1. Understand Political Science and Its Subfields | Demonstrate advanced understanding of the discipline of political science, including familiarity with each of the four major subfields: American politics, comparative politics, international relations, and political philosophy. |
| 2. Employ Rigorous Research Methods | Use rigorous methods of research design and analysis to answer political questions, including multiple research methodologies |
| 3. Write and Speak with Originality and Clarity | Write and speak with originality and clarity, providing reasons and evidence to support claims using proper citation of source material. |
| 4. Think Critically and Analytically about Politics | Think critically and analytically about government, political processes, and political theories, including the components of a good society. |
| 5. Collaborate Effectively | Collaborate effectively with others, including participation in political processes and engagement on issues of political importance. |

**Free Form Requirements**
*The Political Science Department requires a minimum of 27 hours of political science courses to be taken in residency at BYU for this degree program (BYU Independent Study courses do not meet this requirement). These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 —Complete 1 of 3 Options**

*Introduction to the Major.*

**Option 1.1 —Complete 2 Requirements**

**Requirement 1.1.1 —Complete 1 Course**

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

**Requirement 1.1.2 —Complete 1 of 4 Courses**

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.2 —Complete 2 Requirements**

**Requirement 1.2.1 —Complete 1 Course**

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 1.2.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.3 —Complete 2 Requirements**

**Requirement 1.3.1 —Complete 1 Course**

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Requirement 1.3.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 2 —Complete 1 of 3 Courses**

*Political Philosophy.*

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

**Requirement 3 —Complete 1 Course**

*Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)*

POLI200 Political Inquiry - Political Inquiry 4.0

**Requirement 4 —Complete 1 of 5 Courses**

*Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)*

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

**Requirement 1.1.2 —Complete 1 of 4 Courses**

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.2 —Complete 2 Requirements**

**Requirement 1.2.1 —Complete 1 Course**

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 1.2.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.3 —Complete 2 Requirements**

**Requirement 1.3.1 —Complete 1 Course**

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Requirement 1.3.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 2 —Complete 1 of 3 Courses**

*Political Philosophy.*

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

**Requirement 3 —Complete 1 Course**

*Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)*

POLI200 Political Inquiry - Political Inquiry 4.0

**Requirement 4 —Complete 1 of 5 Courses**

*Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)*

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proi: Amer Politics - Research Proi: Amer Politics 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

**Requirement 5 —Complete 2 Requirements**

*Analytical and Professional Skills.*

**Requirement 5.1 —Complete 1 Course**

*(Note: POLI 328 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)*

POLI300 Statistical Analysis - Statistical Analysis 4.0

**Requirement 5.2 —Complete 3 hours**

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

**Requirement 6 —Complete 9 hours**

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

**Requirement 5 —Complete 2 Requirements**

*Analytical and Professional Skills.*

**Requirement 5.1 —Complete 1 Course**

*(Note: POLI 328 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)*

POLI300 Statistical Analysis - Statistical Analysis 4.0

**Requirement 5.2 —Complete 3 hours**

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

**Requirement 6 —Complete 9 hours**

*Professional Emphasis Part 1.*

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take once* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

04754-004 - Missing course - Social Policy 3.0 - *This course is no longer offered*

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI342 Gender and Politics - Gender and Politics 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take up to 6.0 credit hours* 0.5v

POLI399R Washington DC Internship - Washington DC Internship - *You may take up to 6.0 credit hours* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

-

*Professional Emphasis Part 1.*

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

**Requirement 7 —Complete 6 hours**

*Professional Emphasis Part 2.*

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0

ECON588 Advanced Econometrics - Advanced Econometrics 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

**Requirement 7 —Complete 6 hours**

*Professional Emphasis Part 2.*

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ECON477 Political Economics - Political Economics 3.0

FHSS351 Civil Rights Seminar - Civil Rights Seminar 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take once* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

04754-004 - Missing course - Social Policy 3.0 - *This course is no longer offered*

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI342 Gender and Politics - Gender and Politics 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take up to 6.0 credit hours* 0.5v

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

PSYCH310 Research Design & Analysis - Research Design & Analysis 3.0

STAT230 Statistical Modeling 1 - Analysis of Variance 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT531 Experimental Design - Experimental Design 3.0

**Requirement 8 —Complete 6 hours**

*Additional electives.*

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take up to 6.0 credit hours* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

*Note: Students are strongly encouraged to complete internships, work on political campaigns, and gain other practical political experience.*

*Note: Internships and mentored research must be related to political strategy.*

*Note: Students are strongly encouraged to take one of the following methods courses in the Analytical and Professional Skills requirement: POLI 301, 302, 304, 305, 428.*

**Requirement 8 —Complete 6 hours**

*Additional electives.*

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics- Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

04754-004 - Missing course - Social Policy 3.0 - *This course is no longer offered*

POLI336 Government and Religion - Government and Religion 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

04754-004 - Missing course - Social Policy 3.0 - *This course is no longer offered*

POLI336 Government and Religion - Government and Religion 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

06198-004 - Missing course - Japan:Government&Politics 3.0 - *This course is no longer offered*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0 - *This course is no longer offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

06198-004 - Missing course - Japan:Government&Politics 3.0 - *This course is no longer offered*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0 - *This course is no longer offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

04684-004 - Missing course - Foreign Policy Analysis 3.0 - *This course is no longer offered*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

06067-002 - Missing course - IR of North America 3.0 - *This course is no longer offered*

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

09639-001 - Missing course - Japanese Foreign Policy 3.0 - *This course is no longer offered*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

04684-004 - Missing course - Foreign Policy Analysis 3.0 - *This course is no longer offered*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

06067-002 - Missing course - IR of North America 3.0 - *This course is no longer offered*

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

09639-001 - Missing course - Japanese Foreign Policy 3.0 - *This course is no longer offered*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI 399R - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship -

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI 399R - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship -

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

04641-017 - Missing course - Plato's Political Thought 3.0 - *This course is no longer offered*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

*You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

04641-017 - Missing course - Plato's Political Thought 3.0 - *This course is no longer offered*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 499 - Honors Thesis - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

04730-013 - Missing course - Adv Topics in Public Policy - *You may take once* 3.0 - *This course is no longer offered*

07089-012 - Missing course - Topics on World Politics - *You may take once* 3.0 - *This course is no longer offered*

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 499 - Honors Thesis - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

04730-013 - Missing course - Adv Topics in Public Policy - *You may take once* 3.0 - *This course is no longer offered*

07089-012 - Missing course - Topics on World Politics - *You may take once* 3.0 - *This course is no longer offered*

06671-019 - Missing course - Academic Internship - *You may take once* 0.5v - *This course is no longer offered*

06671-020 - Missing course - Graduate Internship - *You may take once* 0.5v

*1. No double-counting of courses across requirements.*

*2. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.*

*3. Only 6 hours of POLI 399R (internship credit) may count toward the major.*

*4. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.*

*5. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168) at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]*

*6. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.*

*7. We strongly encourage students to take POLI 398 , a career lecture series course.*

06671-019 - Missing course - Academic Internship - *You may take once* 0.5v - *This course is no longer offered*

06671-020 - Missing course - Graduate Internship - *You may take once* 0.5v

*1. No double-counting of courses across requirements.*

*2. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.*

*3. Only 6 hours of POLI 399R (internship credit) may count toward the major.*

*4. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.*

*5. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168) at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]*

*6. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.*

*7. We strongly encourage students to take POLI 398 , a career lecture series course.*

## 735121 - Political Science (BA)

### Program Information

| Program Title | Degree |
|---|---|
| Political Science | BA |
| **Variable Credit Min** | **Variable Credit Max** |
| 44 | 44 |

**Major Academic Plan**

MAP - BA in Political Science 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| 1. Understand Political Science and Its Subfields | Demonstrate advanced understanding of the discipline of political science, including familiarity with each of the four major subfields: American politics, comparative politics, international relations, and political philosophy. |

| Title | Learning Outcome |
|---|---|
| 2. Employ Rigorous Research Methods | Use rigorous methods of research design and analysis to answer political questions including multiple research methodologies |

| Title | Learning Outcome |
|---|---|
| 3. Write and Speak with Originality and Clarity | Write and speak with originality and clarity providing reasons and evidence to support claims usingproper citation of source material. |

## 735401 - Psychology (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Psychology | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 19 | 19 |

**Free Form Requirements**

**Requirement 1 — Complete 2 Courses**

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH308 Psychological Statistics - Psychological Statistics 4.0

**Requirement 2 — Complete 12 hours**

*Complete 12 elective hours from remaining undergraduate and 500-level courses; 9 hours must be 300-level or above. No more than 6 hours of Independent Study credit may count toward the minor. Students may enroll in 500-level courses with instructor's consent.*

**Option 2.1 — Complete at least 9 hours up to 12 hours**

PSYCH305 Multicultural Psychology - Multicultural Psychology 3.0

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

PSYCH307 Writing Within Psychology - Writing Within Psychology 3.0

PSYCH309 Psychometrics - Psychometrics 3.0

PSYCH310 Research Design & Analysis - Research Design & Analysis 3.0

PSYCH311 Critical Issues in Psychology - Critical Issues in Psychology 3.0

PSYCH312R Advanced Methods - Advanced Methods - *You may take once* 3.0

PSYCH320 Developmental Psych: Childhood - Developmental Psych:

| Title | Learning Outcome |
| --- | --- |
| 4. Think Critically and Analytically about Politics | Think critically and analytically about government political processes and political theories including the components of a good society. |

| Title | Learning Outcome |
| --- | --- |
| 5. Collaborate Effectively | Collaborate effectively with others including participation in political processes and engagement on issues of political importance. |

Free Form Requirements

**Requirement 1 —Complete 1 of 3 Options**

*Introduction to the Major.*

**Option 1.1 —Complete 2 Requirements**

**Requirement 1.1.1 —Complete 1 Course**

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

**Requirement 1.1.2 —Complete 1 of 4 Courses**

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.2 —Complete 2 Requirements**

**Requirement 1.2.1 —Complete 1 Course**

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 1.2.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Option 1.3 —Complete 2 Requirements**

**Requirement 1.3.1 —Complete 1 Course**

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

**Requirement 1.3.2 —Complete 1 of 4 Courses**

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

PSYCH320 Developmental Psych: Childhood - Developmental Psych: Childhood 3.0

PSYCH321 Develpmntl Psych: Adolescence - Develpmntl Psych: Adolescence 3.0

PSYCH322 Developmental Psych: Adulthood - Developmental Psych: Adulthood 3.0

PSYCH330 Organizational Psychology - Organizational Psychology 3.0

PSYCH338 Sport Psychology - Sport Psychology 3.0

PSYCH341 Personality - Personality 3.0

PSYCH342 Psychopathology - Abnormal Psychology 3.0

PSYCH343 Child Psychopathology - Child Psychopathology 3.0

PSYCH345 Basic Mediation - Basic Mediation 3.0

PSYCH348 Clinical Psychology - Clinical Psychology 3.0

PSYCH349 Intro to Positive Psychology - Intro to Positive Psychology 3.0

PSYCH352 Applied Social Psychology - Applied Social Psychology 3.0

PSYCH353 Restored Gospel and Psychology - Latter-day Saint Perspectives 3.0

PSYCH354 Psychology of Religion - Psychology of Religion 3.0

PSYCH356 Intro to Health Psychology - Intro to Health Psychology 3.0

PSYCH358 Leadership Development - Leadership Development 3.0

PSYCH 361 - Principles of Learning 3.0

PSYCH 365 - Motivation 3.0

PSYCH370 Sensation and Perception - Sensation and Perception 3.0

PSYCH375 Cognition - Cognition 0.0

PSYCH377 Cognitive Neurosci of Memory - Cognitive Neurosci of Memory 3.0

PSYCH381 Behavioral Neurobiology - Behavioral Neurobiology 3.0

PSYCH382 Stress Psychobiology - Stress Psychobiology 3.0

PSYCH387 Intro to Primate Behavior - Intro to Primate Behavior 3.0

PSYCH388 Drugs, Reward and Addiction - Drugs, Reward and Addiction 3.0

PSYCH390R Special Topics in Psychology - Special Topics in Psychology - *You may take once* 3.0

PSYCH399R Academic Internship - Academic Internship - *You may take once* 0.5v

PSYCH410R Senior Practicum: Tchg of Psy - Senior Practicum: Tchg of Psy - *You may take once* 3.0

PSYCH420R Senior Practicum: Projects - Senior Practicum: Projects 3.0

PSYCH430R Senior Practicum: Research - Senior Practicum: Research 3.0

PSYCH492R Superv Instrctnl/Resrch Exper - Superv Instrctnl/Resrch Exper - *You may take once* 0.5v

PSYCH495R Independent Readings - Independent Readings - *You may take once* 0.5v

PSYCH496R Academic Internship, Capstone - Academic Internship,

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

**Requirement 2 —Complete 1 of 3 Courses**

*Political Philosophy.*

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

**Requirement 3 —Complete 1 Course**

*Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)*

POLI200 Political Inquiry - Political Inquiry 4.0

**Requirement 4 —Complete 1 of 5 Courses**

*Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)*

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

**Requirement 5 —Complete 2 Requirements**

*Analytical and Professional Skills.*

**Requirement 5.1 —Complete 1 Course**

*(Note: POLI 300 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)*

POLI300 Statistical Analysis - Statistical Analysis 4.0

**Requirement 5.2 —Complete 3 hours**

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research

Capstone - *You may take once* 0.5v

PSYCH499R Independent Research - Independent Research - *You may take once* 0.5v

PSYCH501 Data Analysis in Psych Rsrch 1 - Data Analysis in Psych Rsrch 1 4.0

PSYCH502 Data Analysis in Psych Rsrch 2 - Data Analysis in Psych Rsrch 2 4.0

PSYCH503 Research Measurement - Research Measurement 3.0

PSYCH504 Research Design - Research Design 3.0

PSYCH505 Clinical Research - Clinical Research 3.0

PSYCH510 History & Systems of Psych - History & Systems of Psych 3.0

PSYCH511 Philosophy of Science - Philosophy of Science 3.0

PSYCH512 Qualitative Research Methods - Qualitative Research Methods 3.0

PSYCH513R Topics in Beh Neuroscience - Topics in Beh Neuroscience - *You may take once* 3.0

PSYCH514 Computational Neuroimaging - Computational Neuroimaging 1.0

PSYCH515 Neuroimaging Analysis 1 - Neuroimaging Analysis 1 3.0

PSYCH516 Neuroimaging Analysis 2 - Neuroimaging Analysis 2 3.0

PSYCH517 Neuroimaging Analysis 3: fMRI - Neuroimaging Analysis 3: fMRI 3.0

PSYCH520 Adv Developmental Psych - Adv Developmental Psych 3.0

PSYCH531 Org Psych - Org Psych 3.0

PSYCH540 Personality Theory - Personality Theory 3.0

PSYCH550 Theory & Research in Soc Psy - Theory & Research in Soc Psy 3.0

PSYCH552 Applied Social Psychology - Applied Social Psychology 3.0

PSYCH555 Group Dynamics - Group Dynamics 3.0

04850-000 - Missing course - Learning Theory 3.0

PSYCH565 Motivational Psychology - Motivational Psychology 3.0

PSYCH575 Cognitive&Affective Processes - Cognitive&Affective Processes 3.0

PSYCH578R Sem in Mathematical Psychology - Sem in Mathematical Psychology - *You may take once* 3.0

PSYCH583 Health Psychology - Health Psychology 3.0

PSYCH584 Cognition & Brain Function - Cognition & Brain Function 3.0

PSYCH585 Neuro/Biol Bases of Behavior - Neuro/Biol Bases of Behavior 3.0

PSYCH586 Horm Behav - Horm Behav 3.0

04871-008 - Missing course - Sensory & Perceptual Processes 3.0

SOC350 Intro to Social Psychology - Intro to Social Psychology 3.0

**Option 2.2 — Complete up to 3 hours**

PSYCH101 Orientation to Psych Major - Orientation to Psych Major 1.0

Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

**Requirement 6 —Complete 21 hours**

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

PSYCH140 TA Training - TA Training 1.0

PSYCH200 Applying to Graduate School - Applying to Graduate School 1.0

PSYCH210 History of Psychology - History of Psychology 3.0

PSYCH212R Special Topics in Psychology - Special Topics in Psychology - *You may take once* 0.5v

PSYCH220 Human Dev: Life Span - Human Dev: Life Span 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

04754-004 - Missing course - Social Policy 3.0- *This course is not currently offered*

POLI336 Government and Religion - Government and Religion 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

06198-004 - Missing course - Japan:Government&Politics 3.0-*This course is not currently offered*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0- *This course is not currently offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

*You may take up to 6.0 credit hours* 1.0v

04684-004 - Missing course - Foreign Policy Analysis 3.0- *This course is not currently offered*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

06067-002 - Missing course - IR of North America 3.0-*This course is not currently offered*

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

09639-001 - Missing course - Japanese Foreign Policy 3.0- *This course is not currently offered*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI 399R - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

04641-017 - Missing course - Plato's Political Thought 3.0- *This course is not currently offered*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 499 - Honors Thesis - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

04730-013 - Missing course - Adv Topics in Public Policy - *You may take once* 3.0- *This course is not currently offered*

07089-012 - Missing course - Topics on World Politics - *You may take once* 3.0-*This course is not currently offered*

06671-019 - Missing course - Academic Internship - *You may take once* 0.5v- *This course is not currently offered*

06671-020 - Missing course - Graduate Internship - *You may take once* 0.5v

*1. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.*

*2. Only 6 hours of POLI 399R (internship credit) may count toward the major.*

*3. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.*

*4. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168), at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]*

*5. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.*

*6. We strongly encourage students to take POLI 398, a career lecture series course.*

## 735420 - Psychology (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Psychology | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 49 | 49 |

**Major Academic Plan**
MAP - BS in Psychology 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| A. Knowledge of the Discipline | Comprehend apply and synthesize knowledge of the discipline of psychology. (ContentOutcome) |

| Title | Learning Outcome |
|---|---|
| B. Effective Research and Writing | Understand and apply basic research methods in psychology including data analysis and interpretation research design psychometric methods and the writing of results in the light of previous findings. (Competency Outcome) |

| Title | Learning Outcome |
|---|---|
| C. Experiential Learning | Apply the principles of psychology in an internship setting (399R) a teaching (410R) or community service setting (420R) or in a mentored-research setting (430R) before graduation. |

**Free Form Requirements**
*At least 36 of the total major credits must be 300-level or above. (Students can enroll in 500-level courses on a space-available basis.)*

*The Psychology Department requires a minimum of 23 hours of*

## 735426 - General Studies: Psychology (BGS)

### Program Information

| Program Title | Degree |
|---|---|
| General Studies: Psychology (BGS) | BGS |
| **Variable Credit Min** | **Variable Credit Max** |
| 33 | 33 |

**Major Academic Plan**
MAPS - BGS in General Studies - Psychology 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| BGS General Learning Outcome - Aims of a BYU Education | Describe how their coursework in the BGS program has contributed to the aims of a BYU education: Spiritually strengthening Character building Intellectually enlarging Preparing for lifelong learning and service. |

| Title | Learning Outcome |
|---|---|
| Psychology Theory | Identify the major theoretical approaches in psychology & how they apply to human behavior |

| Title | Learning Outcome |
|---|---|
| Human Development | Identify the stages of human development & factors that influence it |

| Title | Learning Outcome |
|---|---|
| Psychological Science and the Gospel of Jesus Christ | Describe possible connections between psychological science & the principles and values of the restored gospel of Jesus Christ |

**Free Form Requirements**
*Have 27 hours of campus residency.*

*psychology major credit to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

*A maximum of 15 hours may be taken as Independent Study (only 8 of which may count as departmental residence hours).*

**Requirement 1 —Complete 5 Courses**

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH210 History of Psychology - History of Psychology 3.0

PSYCH307 Writing Within Psychology - Writing Within Psychology 3.0

PSYCH308 Psychological Statistics - Psychological Statistics 4.0

PSYCH310 Research Design & Analysis - Research Design & Analysis 3.0

*Note: All students are encouraged to take Psych 101: Orientation to the Psychology Major. Students considering application to graduate study are strongly encouraged to take Psych 200.*

**Requirement 2 —Complete 1 of 4 Courses**

*Multicultural issues courses:*

ANTHR101 Social/Cultural Anthropology - Social/Cultural Anthropology 3.0

PSYCH305 Multicultural Psychology - Multicultural Psychology 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

SOC113 Multicultural America - Multicultural America 3.0

**Requirement 3 —Complete 1 of 4 Courses**

*Gender issues courses:*

GWS222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

**Requirement 4 —Complete 1 of 3 Courses**

PSYCH320 Developmental Psych: Childhood - Developmental Psych: Childhood 3.0

PSYCH321 Develpmntl Psych: Adolescence - Develpmntl Psych: Adolescence 3.0

PSYCH322 Developmental Psych: Adulthood - Developmental Psych: Adulthood 3.0

**Requirement 5 —Complete 1 of 2 Courses**

PSYCH342 Psychopathology - Abnormal Psychology 3.0

PSYCH343 Child Psychopathology - Child Psychopathology 3.0

**Requirement 6 —Complete 3 Courses**

PSYCH350 Intro to Social Psychology - Intro to Social Psychology 3.0

PSYCH375 Cognition - Cognition 3.0

PSYCH381 Behavioral Neurobiology - Behavioral Neurobiology 3.0

*Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.*

*Thirty of the 120 hours including 15 hours in the emphasis must be 300-level or above courses.*

*Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.*

*The program must be completed in eight years or less.*

*All emphasis courses taken after admission to BGS must be BYU courses.*

**Requirement 1 —Complete 1 Course**

*Prerequisite course (must be completed before taking any other courses, includeds preparing academic plan which must be approved before proceeding):*

STDEV100 Essential College Skills - Essential College Skills 1.0

**Requirement 2 —Complete 2 Requirements**

*Core courses:*

**Requirement 2.1 —Complete 5 Courses**

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH210 History of Psychology - History of Psychology 3.0

PSYCH308 Psychological Statistics - Psychological Statistics 4.0

PSYCH350 Intro to Social Psychology - Intro to Social Psychology 3.0

PSYCH381 Behavioral Neurobiology - Behavioral Neurobiology 3.0

**Requirement 2.2 —Complete 1 of 2 Courses**

PSYCH320 Developmental Psych: Childhood - Developmental Psych: Childhood 3.0

PSYCH 342 - Psychopathology 3.0

**Requirement 3 —Complete 11 hours**

*Complete 11 hours from the following (including any courses not used for core above). BYU undergraduate courses (including Salt Lake Center classes) in psychology may be used to fill emphasis electives.*

ANTHR101 Social/Cultural Anthropology - Social/Cultural Anthropology 3.0

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

PSYCH307 Writing Within Psychology - Writing Within Psychology 3.0

PSYCH330 Organizational Psychology - Organizational Psychology 3.0

PSYCH338 Sport Psychology - Sport Psychology 3.0

PSYCH341 Personality - Personality 3.0

PSYCH353 Restored Gospel and Psychology - Latter-day Saint Perspectives 3.0

PSYCH358 Leadership Development - Leadership Development 3.0

PSYCH 361 - Principles of Learning 3.0

PSYCH 365 - Motivation 3.0

**Requirement 4 —Complete 1 Course**

**Requirement 7 —Complete 6 hours**

*Complete 6 credit hours of elective courses not completed above.*

PSYCH305 Multicultural Psychology - Multicultural Psychology 3.0

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

PSYCH311 Critical Issues in Psychology - Critical Issues in Psychology 3.0

PSYCH321 Develpmntl Psych: Adolescence - Develpmntl Psych: Adolescence 3.0

PSYCH322 Developmental Psych: Adulthood - Developmental Psych: Adulthood 3.0

PSYCH330 Organizational Psychology - Organizational Psychology 3.0

PSYCH338 Sport Psychology - Sport Psychology 3.0

PSYCH341 Personality - Personality 3.0

PSYCH343 Child Psychopathology - Child Psychopathology 3.0

PSYCH345 Basic Mediation - Basic Mediation 3.0

PSYCH348 Clinical Psychology - Clinical Psychology 3.0

PSYCH349 Intro to Positive Psychology - Intro to Positive Psychology 3.0

PSYCH352 Applied Social Psychology - Applied Social Psychology 3.0

PSYCH353 Restored Gospel and Psychology - Latter-day Saint Perspectives 3.0

PSYCH354 Psychology of Religion - Psychology of Religion 3.0

PSYCH356 Intro to Health Psychology - Intro to Health Psychology 3.0

PSYCH358 Leadership Development - Leadership Development 3.0

PSYCH 361 - Principles of Learning 3.0

PSYCH 365 - Motivation 3.0

PSYCH370 Sensation and Perception - Sensation and Perception 3.0

PSYCH377 Cognitive Neurosci of Memory - Cognitive Neurosci of Memory 3.0

PSYCH382 Stress Psychobiology - Stress Psychobiology 3.0

PSYCH387 Intro to Primate Behavior - Intro to Primate Behavior 3.0

PSYCH388 Drugs, Reward and Addiction - Drugs, Reward and Addiction 3.0

SOC W200 Intro to Social Work - Intro to Social Work 3.0

SOC W331 Social Welfare Policy - Social Welfare Policy 3.0

SOC W360 Social Wk Practice/Individuals - Social Wk Practice/Individuals 3.0

**Requirement 8 —Complete 1 of 2 Courses**

*Psych 310 is a prerequisite for Psych 309 and Psych 312R.*

PSYCH309 Psychometrics - Psychometrics 3.0

PSYCH312R Advanced Methods - Advanced Methods - *You may take once* 3.0

**Requirement 9 —Complete 3 hours**

*Capstone seminars.*

*Complete a capstone experience (last course to be completed):*

STDEV490 BGS Capstone - BGS Capstone 2.0

Capstone Seminars:

**Option 9.1 —Complete 3 hours**

PSYCH410R Senior Practicum: Tchg of Psy - Senior Practicum: Tchg of Psy - *You may take up to 3.0 credit hours* 1.0v

PSYCH420R Senior Practicum: Projects - Senior Practicum: Projects 3.0

PSYCH430R Senior Practicum: Research - Senior Practicum: Research 3.0

PSYCH496R Academic Internship, Capstone - Academic Internship, Capstone - *You may take up to 3.0 credit hours* 0.5v

*To enroll in capstone seminars, students must have completed Requirements 1 and 8. Students must also have senior status at BYU.*

## 735802 - Sociology (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Sociology | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 15 | 15 |

**Free Form Requirements**

**Requirement 1 —Complete 1 of 3 Courses**

SOC111 Introductory Sociology - Introductory Sociology 3.0

SOC112 Current Social Problems - Current Social Problems 3.0

SOC113 Multicultural America - Multicultural America 3.0

**Requirement 2 — Complete 1 of 4 Courses**

*Social diversity and inequality courses:*

SOC222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

**Requirement 3 — Complete 9 hours**

*(No double counting within the minor is allowed). Note: Students interested in a sociology minor that emphasizes the research and analysis component of the major may select among the following courses as electives: Soc 300, 307, 404, or 405. Students are cautioned that Soc 404 and 405 have several prerequisites, which will require additional courses beyond the 15 hour minimum for a minor. Soc 307 is currently open only to majors; students interested in the sociology minor may add the course with the instructor's consent.*

NURS333 End-of-Life Care - End-of-Life Care 3.0

SOC222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

SOC300 Methods of Research in Soc - Methods of Research in Soc 3.0

SOC301 Applied Social Rsrch Methods - Applied Social Rsrch Methods 3.0

SOC302 Evaluation Research - Evaluation Research 3.0

SOC307 Data Analysis & Presentation - Data Analysis & Presentation 3.0

## 735823 - Sociology (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Sociology | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 46 | 51 |

**Major Academic Plan**

MAP - BS in Sociology 2023-2024.pdf

| Title | Learning Outcome |
|---|---|
| Sociological Perspective | Graduates will demonstrate they can apply a sociological perspective (i.e. recognize the influence of social structure) to individual-level or collective phenomena. |

| Title | Learning Outcome |
|---|---|
| Understanding Diversity | Graduates will understand how race class or gender stratify (power inequality etc.) individual outcomes and shape social relations in a diverse society. |

| Title | Learning Outcome |
|---|---|
| Research Methodologies | Graduates will apply the appropriate qualitative or quantitative research method to address a social problem (issue phenomena etc.) |

**Free Form Requirements**

*The Sociology Department requires a minimum of 24 hours of sociology major courses to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.*

**Requirement 1 —Complete 1 of 3 Courses**

*Introductory courses (to be completed preferably in sophomore year or earlier):*

SOC111 Introductory Sociology - Introductory Sociology 3.0

SOC310 Social Inquiry - Social Inquiry 3.0

SOC311 Contemporary Soc Theory - Contemporary Soc Theory 3.0

SOC318 Adol Dev Fam & Soc - Adol Dev Fam & Soc 3.0

SOC321 Sociology of Innovation - Sociology of Innovation 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC325 Intro to Sociology of Religion - Intro to Sociology of Religion 3.0

SOC326 Sociology of Education - Sociology of Education 3.0

SOC 327 - Soc of LDS Church & People 3.0

SOC328 Sociology of Sport - Sociology of Sport 3.0

SOC329 Medical Sociology - Medical Sociology 3.0

SOC330 Cultural Sociology - Cultural Sociology 3.0

SOC339 Social Orgnztn & Change - Social Orgnztn & Change 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

SOC350 Intro to Social Psychology - Intro to Social Psychology 3.0

SOC360 Intro to Family Sociology - Intro to Family Sociology 3.0

SOC361 Theoretical Foundations Family - Theoretical Foundations Family 3.0

SOC365 Sociology of Aging - Sociology of Aging 2.0

SOC367 Soc of Gender - Soc of Gender 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

SOC380 Deviance & Social Control - Deviance & Social Control 3.0

SOC383 Juvenile Delinquency - Juvenile Delinquency 3.0

SOC390R Special Topics - Special Topics - *You may take once* 0.5v

SOC399R Academic Internship - Academic Internship - *You may take once* 0.5v

SOC404 Qualitative Research Methods - Qualitative Research Methods 3.0

SOC405 Regression Analysis - Regression Analysis 3.0

SOC420 Understanding Modern Societies - Understanding Modern Societies 3.0

SOC421 Sociology of Organizations - Sociology of Organizations 3.0

SOC422 Inequality & Society - Inequality & Society 3.0

SOC423 Sociology of Immigration - Sociology of Immigration 3.0

SOC424 Political Sociology - Political Sociology 3.0

SOC425 Markets & Society - Markets & Society 3.0

SOC426 Sociology of Work & Occupation - Sociology of Work & Occupation 3.0

SOC450 The Family & Social Change - The Family & Social Change 3.0

SOC112 Current Social Problems - Current Social Problems 3.0

SOC113 Multicultural America - Multicultural America 3.0

**Requirement 2 —Complete 4 Courses**

*Core courses:*

SOC300 Methods of Research in Soc - Methods of Research in Soc 3.0

SOC307 Data Analysis & Presentation - Data Analysis & Presentation 3.0

SOC310 Social Inquiry - Social Inquiry 3.0

STAT121 Principles of Statistics - Principles of Statistics 3.0

*Note: Students must declare a sociology major before registering for Soc 307; students must complete these four courses with a C- or better grade.*

**Requirement 3 —Complete 1 of 4 Courses**

*Diversity courses:*

SOC222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

**Requirement 4 —Complete 1 of 2 Courses**

*Advanced methods courses:*

SOC404 Qualitative Research Methods - Qualitative Research Methods 3.0

SOC405 Regression Analysis - Regression Analysis 3.0

**Requirement 5 —Complete 1 of 2 Options**

*Complete one of the following options in order to fulfill the GE Advabced Written and Oral Communication requirement:*

**Option 5.1 —Complete 2 Courses**

SOC455R Senior Capstone Part 1 - Senior Capstone Part 1 - *You may take once* 3.0

SOC456R Senior Capstone Part 2 - Senior Capstone Part 2 - *You may take once* 3.0

**Option 5.2 —Complete 1 Course**

WRTG312 Persuasive Writing - Persuasive Writing 3.0

**Requirement 6 —Complete 1 of 2 Options**

*Complete one of the following capstone options:*

**Option 6.1 —Complete 2 Courses**

SOC455R Senior Capstone Part 1 - Senior Capstone Part 1 - *You may take once* 3.0

SOC456R Senior Capstone Part 2 - Senior Capstone Part 2 - *You may take once* 3.0

**Option 6.2 —Complete 6 hours**

SOC420 Understanding Modern Societies - Understanding Modern Societies 3.0

SOC455R Senior Capstone Part 1 - Senior Capstone Part 1 - *You may take once* 3.0

SOC456R Senior Capstone Part 2 - Senior Capstone Part 2 - *You may take once* 3.0

SOC460 Issues in Family Sociology - Issues in Family Sociology 3.0

SOC481 Crime, Justice, & Corrections - Crime, Justice, & Corrections 3.0

SOC490R Special Topics in Sociology - Special Topics in Sociology - *You may take once* 1.0v

SOC495R Directed Reading in Sociology - Directed Reading in Sociology - *You may take once* 1.0v

SOC497R Directed Research in Sociology - Directed Research in Sociology - *You may take once* 1.0v

SOC524 Politicl Sociology - Political Sociology 3.0

SOC525 Sociology of Religion - Sociology of Religion 2.0

SOC 527 - LDS Church & People 3.0

SOC528 Sociology of Rural Communities - Sociology of Rural Communities 3.0

SOC565 Individual & Fam in Later Yr - Individual & Fam in Later Yr 3.0

SOC590R Special Topics - Special Topics - *You may take once* 0.5v

SOC595R Directed Readings - Directed Readings - *You may take once* 0.5v

SOC598R Pro-Seminar - Pro-Seminar - *You may take once* 1.0

SOC421 Sociology of Organizations - Sociology of Organizations 3.0

SOC422 Inequality & Society - Inequality & Society 3.0

SOC423 Sociology of Immigration - Sociology of Immigration3.0

SOC424 Political Sociology - Political Sociology 3.0

SOC425 Markets & Society - Markets & Society 3.0

SOC426 Sociology of Work & Occupation - Sociology of Work & Occupation 3.0

SOC450 The Family & Social Change - The Family & Social Change 3.0

SOC460 Issues in Family Sociology - Issues in Family Sociology 3.0

SOC481 Crime, Justice, & Corrections - Crime, Justice, & Corrections 3.0

SOC490R Special Topics in Sociology - Special Topics in Sociology - *You may take once* 1.0v

**Requirement 7 —Complete 18 hours**

*Complete 18 credit hours of 300-level or above Sociology courses. (No double counting within the major is allowed.)*

**Option 7.1 —Complete 18 hours**

NURS333 End-of-Life Care - End-of-Life Care 3.0

SOC W200 Intro to Social Work - Intro to Social Work 3.0

SOC222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

SOC301 Applied Social Rsrch Methods - Applied Social Rsrch Methods 3.0

SOC302 Evaluation Research - Evaluation Research 3.0

SOC311 Contemporary Soc Theory - Contemporary Soc Theory 3.0

SOC318 Adol Dev Fam & Soc - Adol Dev Fam & Soc 3.0

SOC321 Sociology of Innovation - Sociology of Innovation 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC323 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC325 Intro to Sociology of Religion - Intro to Sociology of Religion 3.0

SOC326 Sociology of Education - Sociology of Education 3.0

SOC 327 - Soc of LDS Church & People 3.0

SOC328 Sociology of Sport - Sociology of Sport 3.0

SOC329 Medical Sociology - Medical Sociology 3.0

SOC330 Cultural Sociology - Cultural Sociology 3.0

SOC339 Social Orgnztn & Change - Social Orgnztn & Change 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

SOC350 Intro to Social Psychology - Intro to Social Psychology 3.0

SOC360 Intro to Family Sociology - Intro to Family Sociology 3.0

SOC361 Theoretical Foundations Family - Theoretical Foundations Family 3.0

SOC365 Sociology of Aging - Sociology of Aging 3.0

SOC365 Sociology of Aging - Sociology of Aging 2.0

SOC367 Soc of Gender - Soc of Gender 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

SOC380 Deviance & Social Control - Deviance & Social Control 3.0

SOC383 Juvenile Delinquency - Juvenile Delinquency 3.0

SOC390R Special Topics - Special Topics - *You may take once* 0.5v

SOC399R Academic Internship - Academic Internship - *You may take once* 0.5v

SOC404 Qualitative Research Methods - Qualitative Research Methods 3.0

SOC405 Regression Analysis - Regression Analysis 3.0

SOC423 Sociology of Immigration - Sociology of Immigration 3.0

SOC495R Directed Reading in Sociology - Directed Reading in Sociology - *You may take once* 1.0v

SOC497R Directed Research in Sociology - Directed Research in Sociology - *You may take once* 1.0v

SOC524 Politicl Sociology - Politicl Sociology 3.0

SOC525 Sociology of Religion - Sociology of Religion 2.0

SOC 527 - LDS Church&People 3.0

SOC528 Sociology of Rural Communities - Sociology of Rural Communities 3.0

SOC565 Individual & Fam in Later Yr - Individual & Fam in Later Yr 3.0

SOC590R Special Topics - Special Topics - *You may take once* 0.5v

SOC595R Directed Readings - Directed Readings - *You may take once* 0.5v

SOC598R Pro-Seminar - Pro-Seminar - *You may take once* 1.0

Students are strongly encouraged to participate in one or two semesters (up to 9 credit hours) of professional experience including academic internships (on-campus, domestic, or international) and research with a faculty member (Soc 497R). Students may apply up to a total of 9 professional experience credit hours toward the sociology elective requirement. Suggested courses include MSB 494R (On-Campus Experiential Projects), IAS 397R (Topics in IAS), IAS 399R (Academic Internship: International), Poli 399R (Academic Internship), Soc 399R (Academic Internship), Soc 497R (Directed Research in Sociology).

## 736001 - Economics (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Economics | MIN |
| **Variable Credit Min** | **Variable Credit Max** |
| 18 | 18 |

**Free Form Requirements**

**Requirement 1 — Complete 3 Courses**

*Complete the following with a grade of C- or better.*

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

## 736021 - Economics (BS)

### Program Information

| Program Title | Degree |
|---|---|
| Economics | BS |
| **Variable Credit Min** | **Variable Credit Max** |
| 38 | 39 |

**Major Academic Plan**

MAPS - BS in Economics 2023-2024.pdf

| | Learning Outcome |
|---|---|
| | Program graduates will be able to conduct basic econometric |

ECON380 Intermediate Micro Theory 1 - Intermediate Micro Theory 1 3.0

ECON381 Intermed Macroeconomics - Intermed Macroeconomics 3.0

*Econ 378 & 380 require Math 112 as a prerequisite. Math 112 must be completed with a grade of C- or above.*

**Requirement 2 — Complete 9 hours**

ECON199R Academic Internship - Academic Internship - *You may take once* 0.5v

ECON210 Career Prep - Career Prep 1.0

ECON213R Topics Econ Analys - Topics Econ Analys - *You may take once* 0.5v

ECON230 Econ Development & Growth - Econ Development & Growth 3.0

ECON 253 - Money & Banking - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ECON257 Intrnl Trade & Fin - Intrnl Trade & Fin 3.0

10019-000 - Missing course - Intro to Hlth Econ 3.0

ECON 274 - American Economic History - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ECON 275 - Public Finance - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

07047-001 - Missing course - Econ Analysis & Reasoning 3.0

ECON378 Statistics for Economists - Statistics for Economists 3.0

ECON382 Intermediate Micro Theory 2 - Intermediate Micro Theory 2 3.0

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

ECON413R Topics in Economic Theory - Topics in Economic Theory - *You may take once* 0.5v

ECON420 Antitrust Law&Reg - Antitrust Law&Reg 3.0

ECON421 Law and Economics - Law and Economics 3.0

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ECON442 Behavioral Economics - Behavioral Economics 3.0

ECON450 Financial Economics - Financial Economics 3.0

ECON453 Monetary Theory & Policy - Monetary Theory & Policy 3.0

ECON458 International Trade Theory - International Trade Theory 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

ECON461 Economics of Education - Economics of Education 3.0

| | |
|---|---|
| **Title**<br>Econometric Analysis | analysis including using data to estimate behavioral models test hypotheses and measure quantitative relationships; they will have a basic understanding of mathematical statistics that underlies applied econometric analysis. |

| | |
|---|---|
| **Title**<br>Economic Problem Solving | **Learning Outcome**<br>Program graduates will be able to conceptualize a wide range of constrained optimization problems in economics and related fields and will be able to apply formal mathematical analysis to evaluate these problems. |

| | |
|---|---|
| **Title**<br>Career Preparation | **Learning Outcome**<br>Program graduates will be prepared and qualified to pursue careers in economics business finance law public policy and related disciplines. |

| | |
|---|---|
| **Title**<br>Preparation for Graduate Studies | **Learning Outcome**<br>Program graduates will be prepared and qualified to pursue graduate studies in economics business finance law public policy and related disciplines. |

**Free Form Requirements**

**Requirement 1 — Complete 1 Requirement**

**Requirement 1.1 —Complete 1 of 2 Courses**

*Note: A grade of C- or better is required.*

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

Note 1: Deferred students are encouraged to take a refresher math course such as EngT 295R before or concurrent with Econ 378, 380, or 381.

Note 2: For students contemplating graduate work in economics, the 500-level economics courses plus Math 113, 213, 215, and 314 are strongly recommended.

Note 3: Students may take the Math 112 challenge exam to satisfy the Math 112 requirement. Please visit the Mathematics Department for more information.

**Requirement 2 — Complete 1 of 3 Courses**

ECON210 Career Prep - Career Prep 1.0

STDEV317 Job Search Strategies - Job Search Strategies 2.0

STDEV318 Graduate School Preparation - Graduate School Preparation 3.0

ECON461 Economics of Education - Economics of Education 3.0

ECON463 Economics of the Labor Market - Economics of the Labor Market 3.0

ECON465 Health Economics - Health Economics 3.0

ECON468 Urban Economics - Urban Economics 3.0

ECON474 Topics in Economic History - Topics in Economic History 3.0

ECON475 Public Economics - Public Economics 3.0

ECON476 Industrial Organization - Industrial Organization 3.0

ECON477 Political Economics - Political Economics 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 482 - Welfare Economics - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ECON484 Machine Learning for Econ - Machine Learning for Econ 3.0

ECON 486 - Mathematical Economics - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ECON 488 - Applied Econometrics 3.0

ECON490 Senior Paper - Senior Paper 1.0

ECON498R Readings in Economics - Readings in Economics - *You may take once* 0.5v

ECON580 Advanced Micro Theory 1 - Advanced Micro Theory 1 3.0

ECON581 Adv Macroeconomics - Adv Macroeconomics 3.0

ECON582 Advanced Micro Theory 2 - Advanced Micro Theory 2 3.0

ECON 586 - Adv Mathematics for Economists - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ECON588 Advanced Econometrics - Advanced Econometrics 3.0

ECON599R Academic Internship - Academic Internship - *You may take once* 0.5v

2.0

**Requirement 3 —Complete 7 Courses**

*Complete the following with a grade of C- or better:*

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ECON378 Statistics for Economists - Statistics for Economists 3.0

ECON380 Intermediate Micro Theory 1 - Intermediate Micro Theory 1 3.0

ECON381 Intermed Macroeconomics - Intermed Macroeconomics 3.0

ECON382 Intermediate Micro Theory 2 - Intermediate Micro Theory 2 3.0

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

ECON398 Applied Econometrics - Applied Econometrics 3.0

**Requirement 4 —Complete 12 hours**

*Complete 12 credit hours from the following courses:*

ECON413R Topics in Economic Theory - Topics in Economic Theory - *You may take 5 times* 0.5v

ECON420 Antitrust Law&Reg - Antitrust Law&Reg 3.0

ECON421 Law and Economics - Law and Economics 3.0

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ECON442 Behavioral Economics - Behavioral Economics 3.0

ECON450 Financial Economics - Financial Economics 3.0

ECON453 Monetary Theory & Policy - Monetary Theory & Policy 3.0

ECON458 International Trade Theory - International Trade Theory 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

ECON461 Economics of Education - Economics of Education 3.0

ECON463 Economics of the Labor Market - Economics of the Labor Market 3.0

ECON465 Health Economics - Health Economics 3.0

ECON468 Urban Economics - Urban Economics 3.0

ECON474 Topics in Economic History - Topics in Economic History 3.0

ECON475 Public Economics - Public Economics 3.0

ECON476 Industrial Organization - Industrial Organization 3.0

ECON477 Political Economics - Political Economics 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON484 Machine Learning for Econ - Machine Learning for Econ 3.0

ECON580 Advanced Micro Theory 1 - Advanced Micro Theory 1 3.0

ECON581 Adv Macroeconomics - Adv Macroeconomics 3.0

ECON582 Advanced Micro Theory 2 - Advanced Micro Theory 2 3.0

ECON588 Advanced Econometrics - Advanced Econometrics 3.0

## 892220 - Aerospace Studies (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Aerospace Studies | MIN |
| Variable Credit Min | Variable Credit Max |
| 16 | 16 |

**Free Form Requirements**

**Requirement 1 — Complete 8 Courses**

AEROS110 Air Force Today - Air Force Today 1.0

AEROS111 Aerospace Defense - Aerospace Defense 1.0

AEROS210 Develpmntl Growth of Air Power - Develpmntl Growth of Air Power 1.0

AEROS211 Develpmntl Growth of Air Power - Develpmntl Growth of Air Power 1.0

AEROS310 Mgt & Leadership - Mgt & Leadership 3.0

AEROS311 Mgt & Leadership - Mgt & Leadership 3.0

AEROS410 Natnl Sec Affairs - Natnl Sec Affairs 3.0

AEROS411 Natnl Sec Affairs - Natnl Sec Affairs 3.0

*Note: The requirements listed here are designed for university students interested in Aerospace Studies who are NOT in the Air Force ROTC or seeking a commission. Those who ARE in the Air Force ROTC and are seeking a commission should meet with advisors to discuss requirements.*

## 894420 - Military Science (Minor)

### Program Information

| Program Title | Degree |
|---|---|
| Military Science | MIN |
| Variable Credit Min | Variable Credit Max |
| 19 | 19 |

**Free Form Requirements**

**Requirement 1 — Complete 4 Courses**

MIL S320 Adaptive Team Leadership - Adaptive Team Leadership 4.0

MIL S321 Ldrshp in Changing Environmnts - Ldrshp in Changing Environmnts 4.0

MIL S420 Developing Adaptive Leaders - Developing Adaptive Leaders 4.0

MIL S421 Leadership in Complex World - Leadership in Complex World 4.0

**Requirement 2 — Complete 1 Course**

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST371 Revolutionary Amer- Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST391 The Vietnam War - The Vietnam War 3.0

# All Courses

## 276 - Introduction to K-12 Art and Design Education

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ARTED | 276 |

**Teaching Area**
ARTED
**Course Title**
Introduction to K-12 Art and Design Education
**Course Description**
Art and design methods with field-based teaching experience intended to help prospective teachers understand the demands and opportunities associated with teaching K-12 students in a variety of educational contexts.
**Department**
Art
**When Taught**
Fall; Winter

## 326 - Art for Elementary Teachers

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ARTED | 326 |

**Teaching Area**
ARTED
**Course Title**
Art for Elementary Teachers
**Course Description**
Preservice preparation designed to help art educators and elementary classroom teachers understand the visual arts and develop skills necessary for implementing an arts integrated approach for art education.
**Department**
Art
**When Taught**
Fall; Winter; Spring; Summer.

Fall; Winter.

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
1

Other Prerequisites
FBI fingerprinting and background clearance. Art major status, pre-art education major/minor status; Design or Media Arts Studies major status.

| Title | Tags |
| --- | --- |
| Analyze Teaching and Learning in Context | 54084, 3 |

Learning Outcome
Evaluate a variety of learning styles and how those relate to your own curricular understandings and the observations obtained in school sites. Video record one lesson to view and analyze and review with peers. Conduct an interview with a child regarding their perceptions of art and create a summary analysis of the data collected. Analyze case study incidences regarding the moral dimensions of teaching.

| Title | Tags |
| --- | --- |
| Professional Organization Participation | 54102, 0 |

Learning Outcome
Join the National Art Education Association as a student member.
Participate as an active and contributing member of the BYU NAEA Student Chapter.
Participate in local and regional organizations and structures, such as SWAP, Evening for Educators, Utah Art Education Association, museum and community art education events and activities.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Artistic Literacy: The Spiritual Dimensions of Art | 65554, 3 |

Learning Outcome
Students will explore the complexity of human perception and expression in the visual arts and experience the redemptive power and profound humanizing growth that accompanies engagement with art. They will have significant aesthetic experiences that will change they way they see the world and transform their teaching.

| Title | Tags |
| --- | --- |
| Art and Teaching: Curriculum | 65555, 4 |

Learning Outcome
Art Curricula: Students will design elementary arts integrated curricula that is sensitive to diverse cultures and special needs children that are developmentally appropriate for the elementary age child. They will gain an understanding of the development and artistic potential of children and will gain competencies in effective teaching methods that integrate the visual arts using a variety of different artistic methods and media.

| Title | Tags |
| --- | --- |
| Art and Teaching: Advocacy | 65556, 5 |

Learning Outcome

Title
Observe & Analyze Diverse Teaching Sites

Tags
54184, 1

Learning Outcome
Participate in a visit to a charter school, a school for children with physical and mental challenges, and an alternative school. Participate in visits to schools (elementary specialist, middle level, high school, and 2 schools of the student's choice), prepare observations in each setting, teach an art lesson at assigned settings, conduct peer evaluations, and complete journal entries with reflective entries.

Title
Construct Relevant Curricular Materials

Tags
54362, 2

Learning Outcome
Create an instructional resource file. Create a presentation on an art education method and create a guide sheet. Create school newsletter, bulletin board display and an instructional resource aid. Generate lesson plans in relation to observations, school cultures, district and state mandates, and contemporary educational theory.

Title
K-12 Education Admission

Tags
54598, 4

Learning Outcome
Complete admission requirements to be admitted into the K-12 education program.

Students will articulate why art education is important through clear and concise writing. They will recognize the need to teach art to children and realize they do not need to be master artists to provide students with the opportunities and direction they need to create art.

Title
Artistic Literacy: Viewing Artworks

Tags
138003, 2

Learning Outcome
Through their study, description, interpretation, and aesthetic evaluations of artwork, students will develop skills in critical analysis, aesthetic judgment, and an appreciation of the importance of historical and cultural context in studying art. Students will become acquainted with a variety of representative works in at least one art form, demonstrate analytical literacy in at least one art form, meaning the ability to invoke the vocabulary, grammar, and theoretical models of the art form for the purpose of "reading" a work of art, and develop the ability to recognize multiple possible interpretations of an art work, and identify the work's adherence to or departure from the genre's traditions and conventions.

Title
Artistic Literacy: Making Artworks

Tags
138004, 1

Learning Outcome
Grounded in an understanding of its underlying principles of the visual arts, students will become direct participants and makers of art. Students will gain artistic confidence grounded in their own experiences working in artistic media. Students will demonstrate an understanding of the elements, forms, aesthetic and compositional principles of at least one form of artistic expression and develop increased creative imagination and independent thought by directly engaging with the art form as a performer or maker.

performer or maker.

| Title | Tags |
| --- | --- |
| Visual Arts Resources | 138005, 6 |

**Learning Outcome**
Students will use available arts resources, including art museums as a part of their curriculum and teaching. They will be inspired to deepen their artistic knowledge and skills and continue to study art throughout their lives.

## 378 - Science of Engineering Materials

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 378 |

**Teaching Area**
CH EN
**Course Title**
Science of Engineering Materials
**Course Description**
Fundamental principles of solid materials and their properties and behavior in engineering applications of metals, polymers, ceramics, and glasses.
**Department**
Chemical Engineering
**When Taught**
Fall; Spring.

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## 381 - Entrepreneurship Lecture Series

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENT | 381 |

**Teaching Area**
ENT
**Course Title**
Entrepreneurship Lecture Series
**Course Description**
Lectures about entrepreneurship by successful entrepreneurs.
**Department**
Management
**When Taught**
Fall; Winter.

#### Credit Hours

**Min**
1
**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 357 - Industrial Organic Chemistry

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 351 - Organic Chemistry 1

**Additional Comments:**

**Title**
Complex Problem Solving (ABET Student Outcome 1)

**Tags**
179572, 1

**Learning Outcome**
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

**Title**
Engineering Design (ABET Student Outcome 2)

**Tags**
179573, 2

**Learning Outcome**
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

**Title**
Knowledge and Learning (ABET Student Outcome 7)

**Tags**
179574, 3

**Learning Outcome**
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

**Title**
Critical Thinking (BYU Course Objective)

**Tags**
179575, 4

**Learning Outcome**
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

**Title**
Engineering Intuition (BYU Course Objective)

**Tags**
179576, 5

**Learning Outcome**
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

**Title**
Phase Diagrams (BYU Course Objective)

**Tags**
179577, 6

**Learning Outcome**
Students will be able to read and understand phase diagrams and use these to determine physical phenomena.

**Title**
Mechanical Properties (BYU Course Objective)

**Tags**
179579, 8

**Learning Outcome**
Students will understand the mechanical behavior of materials.

**Title**
Physical/Chemical Property (BYU Course Objective)

**Tags**
179580, 9

**Learning Outcome**
Students will understand the physical/chemical behaviors of materials.

**Title**
Electronic Properties (BYU Course Objective)

**Tags**
179581, 10

**Learning Outcome**
Students will understand the electronic behavior of materials.

**Title**
Molecular-level Interactions (BYU Course Objective)

**Tags**
179578, 0, 7

**Learning Outcome**
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

| Title | Tags |
| --- | --- |
| Materials Selection (BYU Course Objective) | 179582, 0, 11 |

**Learning Outcome**
Students will be able to select materials, based on their properties and behaviors, for a given application (e.g. understand the causes of corrosion and mitigation strategies).

## 471 - Teaching Seminary

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL C | 471 |

**Teaching Area**
REL C
**Course Title**
Teaching Seminary
**Course Description**
This course is primarily for those wishing to be considered for part-time or full-time employment with Seminaries and Institutes of Religion. REL C 471 provides an orientation for employment in religious education and prepares individuals to teach in a Christ-centered, Scripture-based, Learner-focused way. Those taking the course will be expected to participate in a teaching practicum at a local seminary during the semester.
**Department**
Church History&Doctrine
**When Taught**
Fall; Winter.

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Note**
Only students who are interested in potential employment with

## A HTG 100 - American Heritage

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| A HTG | 100 |

**Teaching Area**
A HTG
**Course Title**
American Heritage
**Course Description**
Synthesis of American constitutional and economic principles, and patterns of historical development.
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Active Citizens | 185990, 3 |

**Learning Outcome**
Become better informed, more

Seminaries and Institutes should register for this class. There are no limitations as to when you can take this course during your academic experience.

| Title | Tags |
| --- | --- |
| Lesson Design | 205971, 1 |

**Learning Outcome**
Effectively design, prepare, and teach relevant lessons that will help learners be edified as they study the scriptures.

| Title | Tags |
| --- | --- |
| Teaching Skills | 205986, 0 |

**Learning Outcome**
Acquire understanding and skills that will assist the student as they teach the scriptures in a religious education setting.

| Title | Tags |
| --- | --- |
| Career Orientation | 206008, 3 |

**Learning Outcome**
Understand the requirements for a possible career with Seminaries and Institutes

| Title | Tags |
| --- | --- |
| Practicum | 206029, 2 |

**Learning Outcome**
Demonstrate in a practicum experience proficiency of teaching principles and skills taught in the class.

active citizens.

| Title | Tags |
| --- | --- |
| Historical Context | 185987, 1 |

**Learning Outcome**
Explain the historical context within which the Founders' constitutionalism relates to more recent concerns of democracy and rights

| Title | Tags |
| --- | --- |
| Origins of the Constitution | 185988, 1 |

**Learning Outcome**
Understand the religious, historical, political and economic origins of the Constitution

| Title | Tags |
| --- | --- |
| Apply knowledge | 185989, 2 |

**Learning Outcome**
Apply their knowledge of the Constitution to analyze major historical, political and economic issues.

## ACC 200 - Principles of Accounting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 200 |

**Teaching Area**
ACC
**Course Title**
Principles of Accounting
**Course Description**
Financial and managerial accounting principles. Basic accounting statements, processes, and management applications. Open to all students.
**Department**
Accountancy
**When Taught**
All Semesters/Terms

## ACC 201 - Principles of Financial Accounting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 201 |

**Teaching Area**
ACC
**Course Title**
Principles of Financial Accounting
**Course Description**
First course in concepts and methods underlying financial statements.
**Department**
Accountancy
**When Taught**
Contact Department

### Credit Hours

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
ACC 200 is a hybrid BYU online and in-class course. Lecture will be held once a week, augmented by online material. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/ACC-200-M001.

| Title | Tags |
| --- | --- |
| Balance sheets and income statements | 181294, 0, 2 |

Learning Outcome
Construct and interpret a balance sheet and income statement.

| Title | Tags |
| --- | --- |
| Learning Outcome | 175042, 7 |

Learning Outcome
Manage workload in a self-paced learning environment.

| Title | Tags |
| --- | --- |
| Tools and Resources | 175047, 6 |

Learning Outcome
Use computer-aided learning tools and online learning resources.

| Title | Tags |
| --- | --- |
| Internal Accounting tools | 175044, 0, 3 |

Learning Outcome
Construct and use internal accounting tools such as budgets, product cost reports, breakeven analysis, and nonroutine decision analyses.

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
1

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Internal Accounting Tools | 174921, 1 |

Learning Outcome
Construct and use internal accounting tools such as budgets, product cost reports, breakeven analysis, and non-routine decision analyses.

| Title | Tags |
| --- | --- |
| Financial Statements | 174930, 0 |

Learning Outcome
Construct and interpret a balance sheet and income statement.

| Title | Tags |
| --- | --- |
| Managing Workloads | 174971, 6 |

Learning Outcome
Manage workload in a self-paced learning environment.

| Title | Tags |
| --- | --- |
| Ethical Dimensions of Business Problems | 174998, 4 |

Learning Outcome
Intelligently discuss the ethical dimensions of a variety of accounting-related business problems.

| Title | Tags |
| --- | --- |
| Computer-Aided Tools | 175000, 5 |

| Title | Tags |
| --- | --- |
| Write a Memo | 175046, 0, 5 |

**Learning Outcome**
Write a brief, focused memo demonstrating basic understanding of accounting and business issues.

| Title | Tags |
| --- | --- |
| Terms and Concepts | 175045, 0, 4 |

**Learning Outcome**
Intelligently discuss the ethical dimensions of a variety of accounting-related business problems.

| Title | Tags |
| --- | --- |
| Intelligently Converse | 175043, 0, 1 |

**Learning Outcome**
Intelligently converse about the following areas:
a. Earnings management
b. Fraud and how to prevent fraud
c. The theory and practice of income taxes
d. Investing in stocks
e. Personal budgeting and financial planning
f. Career planning and spiritual decision making

**Learning Outcome**
Use computer-aided learning tools and online learning resources.

| Title | Tags |
| --- | --- |
| Financial Accounting Rules | 175031, 3 |

**Learning Outcome**
Apply the financial accounting rules that exist in the following areas: revenue recognition, inventory, compensation, long-term assets, bonds, and leases.

| Title | Tags |
| --- | --- |
| Analyzing Transactions | 175034, 2 |

**Learning Outcome**
Analyze transactions, record those transactions, and then use the accounting cycle to generate accounting reports.

## ACC 202 - Principles of Managerial Accounting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 202 |

**Teaching Area**
ACC
**Course Title**
Principles of Managerial Accounting
**Course Description**
Second course in the elementary series covering managerial problems and control of business operations.
**Department**
Accountancy
**When Taught**
Contact Department

### Credit Hours

**Min**

## ACC 241 - Business Law in the Environment

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 241 |

**Teaching Area**
ACC
**Course Title**
Business Law in the Environment
**Course Description**
Introduction to legal principles and institutions affecting business.
**Department**
Accountancy
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**

3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ACC 201 - Principles of Financial Accounting

**Additional Comments:**

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Analyzing Transactions | 174928, 2 |

**Learning Outcome**
Analyze transactions, record those transactions, and then use the accounting cycle to generate accounting reports.

| Title | Tags |
|---|---|
| Computer-Aided Learning Tools | 174953, 5 |

**Learning Outcome**
Use computer-aided learning tools and online learning resources.

| Title | Tags |
|---|---|
| Managing Workloads | 174974, 6 |

**Learning Outcome**
Manage workload in a self-paced learning environment.

| Title | Tags |
|---|---|
| Statement of Cash Flows | 174990, 0 |

**Learning Outcome**

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Marriott School of Management major status
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Sources, Courts, Jurisdiction, Crimes, and Torts | 175048, 0 |

**Learning Outcome**
Demonstrate a working knowledge of and the ability to analyze issues of law applied to relevant facts for the following topics: sources of law, courts and their procedures, jurisdiction, crimes, and torts.

| Title | Tags |
|---|---|
| Ethical Principles | 175049, 3 |

**Learning Outcome**
Apply ethical principles to legal problems.

| Title | Tags |
|---|---|
| Contract Formation, Defects in Agreement, Statue of Frauds, Parole Evidence rule and Third Party Rights | 175050, 1 |

**Learning Outcome**
Demonstrate a working knowledge of and the ability to analyze issues of law applied to relevant facts for: contract formation, defects in agreement, the statute of frauds and the parole evidence rule, third party rights, and breach/remedies.

| Title | Tags |
|---|---|
| Agency Formation and Termination, Partnerships, LLC's, Corporate Formation and | |

Learning Outcome
Construct and interpret a statement of cash flows, including operating cash flows, investing cash flows, and financing cash flows.

| Title | Tags |
| --- | --- |
| Internal Accounting Tools | 175004, 1 |

Learning Outcome
Construct and use internal accounting tools such as budgets, product cost reports, breakeven analysis, and nonroutine decision analyses.

| Title | Tags |
| --- | --- |
| Ethics in Business | 175008, 4 |

Learning Outcome
Intelligently discuss the ethical dimensions of a variety of accounting-related business problems.

| Title | Tags |
| --- | --- |
| Financial Accounting Rules | 175010, 3 |

Learning Outcome
Apply the financial accounting rules that exist in the area of inventory for a manufacturing company.

| Title | Tags |
| --- | --- |
| Corporate Formation and Operation | 175051, 2 |

Learning Outcome
Demonstrate a working knowledge of and the ability to analyze issues of law applied to relevant facts for: agency formation and termination, partnerships, LLC's, and corporate formation and operation.

## ACC 300 - Introduction to Accounting 2

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
300
**Teaching Area**
ACC
**Course Title**
Introduction to Accounting 2
**Course Description**
Additional issues in financial and managerial accounting. Review of issues related to balance sheet accounts, performance evaluation and capital budgeting.
**Department**
Accountancy
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

## ACC 310 - Principles of Accounting 2

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
310
**Teaching Area**
ACC
**Course Title**
Principles of Accounting 2
**Course Description**
Additional issues in financial and managerial accounting. Review of issues related to balance sheet accounts, performance evaluation and capital budgeting.
**Department**
Accountancy
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ACC 200 - Principles of Accounting

**Additional Comments:**

Note
For non-business majors. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Learning Objective | 175085, 0, 1 |

Learning Outcome
Construct and interpret both a balance sheet and income statement that include elements more advanced than the basic items typically introduced in the first accounting course.

| Title | Tags |
|---|---|
| Learning Objective | 175086, 0, 2 |

Learning Outcome
Construct and interpret a statement of cash flows.

| Title | Tags |
|---|---|
| Learning Objective | 175087, 0, 3 |

Learning Outcome
Apply the financial accounting rules that exist in the following areas:
a. Revenue recognition
b. Inventory
c. Long-term assets
d. Bonds
e. Leases

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ACC 200 - Principles of Accounting

**Additional Comments:**

Note
For accounting major applicants.

| Title | Tags |
|---|---|
| Learning Outcome | 175007, 0, 0 |

Learning Outcome
Construct and interpret both a balance sheet and income statement that include elements more advanced than the basic items introduced in Acc 200.

| Title | Tags |
|---|---|
| Learning Outcome | 174980, 0, 3 |

Learning Outcome
Employ the time value of money in a financial accounting context.

| Title | Tags |
|---|---|
| Learning Outcome | 174982, 0, 4 |

Learning Outcome
Apply managerial accounting concepts in the following areas:
a. Use the concepts of financial leverage and operating leverage to assess a company's riskiness.
b. Perform cost-volume-profit analysis using regresssion to identify the fixed and variable components of a mixed cost and in multiple-product settings.
c. Track product costs through a

f. Stockholders' equity
g. Investment securities

| Title | Tags |
| --- | --- |
| Learning Objective | 175088, 0, 4 |

**Learning Outcome**
Employ the time value of money in a financial accounting context.

| Title | Tags |
| --- | --- |
| Learning Objective | 175089, 0, 5 |

**Learning Outcome**
Apply managerial accounting concepts in the following areas:
a. Use the concepts of financial leverage and operating leverage to assess a company's riskiness.
b. Perform cost-volume-profit analysis using regresssion to identify the fixed and variable components of a mixed cost and in multiple-product settings.
c. Track product costs through a manufacturing process.
d. identify problems through the use of cost variance analysis.

| Title | Tags |
| --- | --- |
| Learning Objective | 175090, 0, 6 |

**Learning Outcome**
Independently manage time and workload for a variety of tasks.

manufacturing process (including use of process costing).
d. identify problems through the use of cost variance analysis.

| Title | Tags |
| --- | --- |
| Learning Outcome | 174914, 0, 1 |

**Learning Outcome**
Construct and interpret a statement of cash flows.

| Title | Tags |
| --- | --- |
| Learning Outcome | 174951, 0, 2 |

**Learning Outcome**
Apply the financial accounting rules that exist in the following areas:
a. Revenue recognition (including SAB 101)
b. Inventory
c. Long-term assets (including impairment)
d. Bonds
e. Leases (including the financial ratio impact of operating leases)
f. Stockholders' equity (including accumulated other comprehensive income)
g. Investment securities (including use of the market adjustment account)

| Title | Tags |
| --- | --- |
| Learning Outcome | 174959, 0, 9 |

**Learning Outcome**
Construct and use simple Excel spreadsheets in a variety of business settings.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 175017, 0, 13 |

**Learning Outcome**
Independently manage time and workload for a variety of tasks.

## ACC 401 - Business and Accounting Information Systems

### Course Information

## ACC 402 - Cost and Managerial Accounting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

**Teaching Area (new)**
ACC
**Course Number**
401
**Teaching Area**
ACC
**Course Title**
Business and Accounting Information Systems
**Course Description**
Study of inputs, processing, outputs, and files of several transaction-processing subsystems. Foundation for understanding internal control. Variety of tools used to design, create, or document accounting information systems (AIS) to achieve organizational objectives.
**Department**
Accountancy
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to School of Accountancy

**Title**
Business Processes and Report Control Deficiencies
**Tags**
175052, 0

**Learning Outcome**
Analyze a set of business processes and report control deficiencies

**Title**
Model Data Relations
**Tags**
175054, 2

**Learning Outcome**
Model data relations required to support an accounting information system

**Title**
Communicate Effectively
**Tags**
175055, 3

**Learning Outcome**
Communicate effectively both in writing and in presentations

ACC
402
**Teaching Area**
ACC
**Course Title**
Cost and Managerial Accounting
**Course Description**
Cost and managerial accounting topics, including business processes, product costing, cost behavior analysis with regression, breakeven analysis with uncertainty, relevant decision making, performance measurement, variance analysis and budgeting.
**Department**
Accountancy
**When Taught**
Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to School of Accountancy.
Passing grade in Acc 401, Acc 406, Acc 407.

**Title**
Use Management Accounting
**Tags**
175057, 0

**Learning Outcome**
Know how to use management accounting to plan, control, and evaluate business processes.

**Title**
Apply Management Accounting Concepts
**Tags**
175058, 1

**Learning Outcome**
Apply management accounting concepts to real-world settings.

**Title**
Function in a Team Setting
**Tags**
175059, 2

**Learning Outcome**
Demonstrate an improved ability to function in a team setting.

| Title | Tags |
| --- | --- |
| Use Technology Effectively | 175056, 4 |

**Learning Outcome**
Use technology effectively in solving business problems.

| Title | Tags |
| --- | --- |
| Evaluate Various Controls | 175053, 0, 1 |

**Learning Outcome**
Evaluate the appropriateness of various controls.

| Title | Tags |
| --- | --- |
| Use Excel Effectively | 175060, 3 |

**Learning Outcome**
Students will be able to show effective use of a spreadsheet editor to analyze and solve business problems.

## ACC 403 - Intermediate Financial Accounting 1

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
403
**Teaching Area**
ACC
**Course Title**
Intermediate Financial Accounting 1
**Course Description**
Advanced financial statement development and evaluation. Ethical reasoning applied to critical business decisions.\n
**Department**
Accountancy
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to School of Accountancy.
**Fee**
50

## ACC 404 - Financial Accounting 2

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
404
**Teaching Area**
ACC
**Course Title**
Financial Accounting 2
**Course Description**
Continued advanced financial statement development and evaluation.
**Department**
Accountancy
**When Taught**
Winter.

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite Type**
Prerequisite

50

| Title | Tags |
| --- | --- |
| Evaluate Ethical Considerations | 175062, 0, 1 |

**Learning Outcome**
Apply ethical considerations to financial reporting issues (ethical reasoning skills).

| Title | Tags |
| --- | --- |
| Tools | 175063, 0, 2 |

**Learning Outcome**
Gain exposure to the tools and literature that professional accountants use on the job (technical accounting knowledge).

| Title | Tags |
| --- | --- |
| Data Analytics | 208227, 0, 4 |

**Learning Outcome**
Use innovative data analytic tools to improve financial accounting estimates and the quality of financial information (exposure to cutting edge tools and critical thinking skills).

| Title | Tags |
| --- | --- |
| Teams | 175064, 0, 3 |

**Learning Outcome**
Learn to work with a team and under pressure with substantial time constraints (professional development).

| Title | Tags |
| --- | --- |
| Apply Financial Accounting Procedures | 175061, 0, 0 |

**Learning Outcome**
Apply financial accounting standards and concepts to different business situations (technical accounting knowledge).

Prerequisite

**Complete ALL of the following Courses:**
- ACC 403 - Intermediate Financial Accounting 1

**Additional Comments:**

**Other Prerequisites**
Admission to School of Accountancy.
Passing grade in ACC 401, ACC 406, ACC 407.

| Title | Tags |
| --- | --- |
| Prepare Journal Entries and Footnote Disclosures | 175065, 0 |

**Learning Outcome**
Demonstrate through homework, quizzes and examinations that you can prepare journal entries and footnote disclosures required to account for and report in compliance with GAAP the following areas: Leases, Derivatives, Stock related transactions, Earnings per share, Investments, Consolidations, Income taxes.

| Title | Tags |
| --- | --- |
| Accounting for Changes and Error Corrections | 175066, 1 |

**Learning Outcome**
Demonstrate through homework, quizzes and examinations, that you can apply the appropriate procedures for accounting for changes and error corrections.

## ACC 405 - Fundamentals of Taxation.

### Course Information

**Course Number**
405
**Teaching Area**

## ACC 406 - Financial Statement Auditing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 406 |

**Teaching Area**

Teaching Area
ACC
Course Title
Fundamentals of Taxation.
Course Description
Tax principles applicable to business entities and individuals; tax compliance issues; tax planning as part of overall strategic planning process for businesses and individuals.
Department
Accountancy
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Admission to School of Accountancy.
Passing grade in ACC 401, ACC 406, ACC 407

| Title | Tags |
|---|---|
| Learning Outcomes | 174956, 0 |

Learning Outcome
Demonstrate a basic knowledge of fundamental federal income taxation principles

| Title | Tags |
|---|---|
| Learning Outcomes | 174999, 3 |

Learning Outcome
Demonstrate working skills in using information technologies commonly expected of entry level professionals in taxation

| Title | Tags |
|---|---|
| Learning Outcomes | 175002, 1 |

Learning Outcome
Work effectively in groups to solve unstructured tax problems related to taxation.

Teaching Area
ACC
Course Title
Financial Statement Auditing
Course Description
This course develops and uses a framework for making judgments in a financial statement auditing context. The audit judgment framework includes a deep understanding of concepts such as the audit risk model, audit evidence, audit sampling and others. This framework is applied to most of the financial statement accounts found in a typical business including revenue, receivables, payables, inventory, fixed assets and other accounts. Other topics covered include professional ethics for accountants and the legal and professional environment affecting financial statement audits.
Department
Accountancy
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Admission to School of Accountancy.

| Title | Tags |
|---|---|
| key concepts | 175111, 0 |

Learning Outcome
Identify, define and apply the key concepts related to the financial statement auditing process and the audit of internal control

| Title | Tags |
|---|---|
| audit strategies | 175113, 2 |

Learning Outcome
Develop audit strategies for several of the major financial statement cycles

| Title | Tags |
|---|---|
| professional ethics | 175114, 3 |

| Title | Tags |
| --- | --- |
| Learning Outcomes | 175021, 2 |

**Learning Outcome**
Demonstrate an ability to communicate at a professional level in both writing and verbal presentations.

**Learning Outcome**
Identify, define and apply the basic concepts underlying professional ethics

| Title | Tags |
| --- | --- |
| audit practice | 175115, 4 |

**Learning Outcome**
Perform basic audit analyses using software used in audit practice

| Title | Tags |
| --- | --- |
| auditing process | 175112, 0, 1 |

**Learning Outcome**
Combine knowledge of the auditing process with analytical reasoning to reach justifiable auditing decisions.

| Title | Tags |
| --- | --- |
| auditors environment | 175116, 0, 5 |

**Learning Outcome**
Identify and define the primary components of the environment in which auditors operate.

## ACC 407 - Data Analytics in Accounting

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
407
**Teaching Area**
ACC
**Course Title**
Data Analytics in Accounting
**Course Description**
Focus on understanding an analytics mindset and using tools to properly apply that mindset to real-world accounting problems. Utilize current analytic tools.
**Department**
Accountancy
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

## ACC 408 - Critical Thinking in Accounting

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
408
**Teaching Area**
ACC
**Course Title**
Critical Thinking in Accounting
**Course Description**
Equip students with relevant critical thinking and professional judgment knowledge and skills to think critically and evaluate information objectively using approaches such as structured problem solving, research and analysis, design thinking, and good judgment processes.
**Department**
Accountancy
**When Taught**
Winter Term 1.

### Credit Hours

**Min**
1.5

**Fixed**

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

1.5

### Lecture Hours

Fixed
1.5

### Lab Hours

Fixed
0

**Other Prerequisites**
Admission to School of Accountancy.
Passing grade in ACC 401, ACC 406, ACC 407.

| Title | Learning Outcome |
| --- | --- |
| Use problem solving skills | Use problem-solving skills to critically consider alternatives and formulate recommendations and decisions in business and accounting settings. |

| Title | Learning Outcome |
| --- | --- |
| Apply the professional judgment framework | Apply the professional judgment framework to develop creative solutions to professional problems, with emphasis in accounting settings. |

| Title | Learning Outcome |
| --- | --- |
| Explain and apply tools and techniques to improve judgment | Explain and apply tools and techniques to improve judgment and decision making in business and accounting settings, including tools and techniques to address the major threats to objective critical thinking (traps and biases). |

## ACC 409 - Integrated Topics in Accounting

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
409
**Teaching Area**
ACC
**Course Title**
Integrated Topics in Accounting
**Course Description**
Valuation, forecasting, measurement issues, and quantifying uncertainty. Capstone cases and projects.
**Department**
Accountancy
**When Taught**

## ACC 440 - Corporate Financial Reporting

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
440
**Teaching Area**
ACC
**Course Title**
Corporate Financial Reporting
**Course Description**
Accounting principles of corporate financial reporting. Judgments managers make preparing financial statement information. How complexities, alternatives, and impacts affect completed financial statements.
**Department**

Winter Term 2.

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to School of Accountancy.
Passing grade in ACC 401, ACC 406, ACC 407.

| | |
|---|---|
| **Title**<br>Data organization | **Learning Outcome**<br>Students will be able to organize and interpret data in accounting by using tools of probability theory, statistical inference, and simulation. |
| **Title**<br>Structure information | **Learning Outcome**<br>Students will be able to structure factual information to better understand complex issues. |
| **Title**<br>Decision model selection | **Learning Outcome**<br>Studnets will be able to select appropriate decision models based on given settings. |
| **Title**<br>Describe uncertainty associated with analysis | **Learning Outcome**<br>Students will be able to describe uncertainty qualitatively and quantitatively associated with estimate, forecast, valuation, and decision. |
| **Title**<br>Written and oral presentation | **Learning Outcome**<br>Students will be able to provide written and oral recommendations that are specific and well-supported. |

Accountancy
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- 

Prerequisites

**Complete ALL of the following Courses:**

- ACC 310 - Principles of Accounting 2

**Additional Comments:**

**Note**
For nonaccounting majors.

| **Title** | **Tags** |
|---|---|
| Learning Outcomes | 174942, 0 |

**Learning Outcome**
Identify financial statement areas where managers can exercise significant judgment and identify how managers choices in these areas impact earnings reported in financial statements. Specific areas addressed include the following:Financial ForecastsPrimary Financial StatementsEarnings ManagementLeasesPensionsFinancial statement footnotesLong-lives AssetsInventory

| Title | Learning Outcome |
| --- | --- |
| Team work | Students will be able to work collaboratively in teams on complex a ssignments. |

accountingIncome Taxes

| Title | Tags |
| --- | --- |
| Learning Outcomes | 175012, 2 |

Learning Outcome
Apply ethical considerations to earnings management issues.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 175027, 1 |

Learning Outcome
Demonstrate the proficiency to address CFA exam questions over the topic areas covered in this course.

## ACC 453 - Money, the Financial System, and the Economy

### Course Information

Teaching Area (new)
ACC

Course Number
453

Teaching Area
ACC

Course Title
Money, the Financial System, and the Economy

Course Description
Applications of industry analysis and microeconomic principles in the macroeconomic environment that influences individuals and financial intermediaries that transact in money and credit markets.

Department
Accountancy

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## ACC 503 - Advanced Financial Accounting

### Course Information

Teaching Area (new)
ACC

Course Number
503

Teaching Area
ACC

Course Title
Advanced Financial Accounting

Course Description
Advanced financial accounting topics including pensions, earnings per share, accounting changes, and deferred income taxes.

Department
Accountancy

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Marriott School Graduate Core.

| Title | Tags |
| --- | --- |
| Financial Intermediaries | 174923, 2 |

**Learning Outcome**
Understand the function and management of financial intermediaries.

| Title | Tags |
| --- | --- |
| Understanding Banking Concepts | 174939, 0 |

**Learning Outcome**
Understand interest rates, rate determination and discounted present value.

| Title | Tags |
| --- | --- |
| Stocks and U.S. Treasuries | 174981, 1 |

**Learning Outcome**
Understand differential spot, forward & derivatives, futures and options markets, with specific application to stocks and US Treasuries.

| Title | Tags |
| --- | --- |
| Aggregate Economics | 174991, 3 |

**Learning Outcome**
Understand basic aggregate economics: actual and potential supply and actual demand and their implication for growth, employment and inflation.

| Title | Tags |
| --- | --- |
| Trade and Exchange Rates | 175016, 4 |

**Learning Outcome**
Understand trade and exchange rates.

| Title | Tags |
| --- | --- |
| Technical Accounting | 174949, 0, 0 |

**Learning Outcome**
Understand technical accounting issues and apply that knowledge to realistic situations

| Title | Tags |
| --- | --- |
| Teams | 174968, 0, 1 |

**Learning Outcome**
Work well in teams through discussions and experiences both in and out of class.

| Title | Tags |
| --- | --- |
| Current Developments | 175003, 0, 2 |

**Learning Outcome**
Understand current developments related to new financial accounting standards.

## ACC 515 - Accounting Research Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 515 |

**Teaching Area**
ACC
**Course Title**
Accounting Research Seminar
**Course Description**
Professional standards and professional literature of accounting and

## ACC 516 - Introduction to Academic Research

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 516 |

**Teaching Area**
ACC
**Course Title**
Introduction to Academic Research
**Course Description**

auditing; related academic research. Research tools, information technologies, and critical analysis emphasized.

**Department**
Accountancy

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to MAcc.

| Title | Tags |
| --- | --- |
| Complex Issues | 174992, 0, 1 |

**Learning Outcome**
Demonstrate the ability to navigate the complex environment of accounting and auditing standard setting in the United States and internationally while applying research findings to resolve complex accounting treatments or disclosure choices.

| Title | Tags |
| --- | --- |
| Teams | 175092, 0, 2 |

**Learning Outcome**
Work well in teams through discussions and experiences both in and out of class.

| Title | Tags |
| --- | --- |
| Research | 175091, 0, 0 |

**Learning Outcome**
Successfully perform accounting and audit practice research using the latest information search databases and technology.

**Course Description**
Fundamentals of academic research, including the scientific method, the philosophy of science, and the areas and methodologies of academic research.

**Department**
Accountancy

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to the MAcc predoctoral track

| Title | Tags |
| --- | --- |
| Learning Outcomes | 174975, 0, 0 |

**Learning Outcome**
Use fundamental concepts from the philosophy of science (e.g., causality, validity, and threats to validity) to evaluate and critique various approaches to researching issues in accounting.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 174973, 0, 1 |

**Learning Outcome**
Identify an interesting and consequential issue in accounting and develop related ideas and theory into an interesting, motivated, and researchable question.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 174933, 0, 2 |

**Learning Outcome**
Develop the ability to apply tools from the philosophy of science to effectively critique actual research papers.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 174929, 0, 3 |

**Learning Outcome**
Communicate complex topics relating to academic research both orally and in writing.

## ACC 517 - Academic Archival Research Design

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
517
**Teaching Area**
ACC
**Course Title**
Academic Archival Research Design
**Course Description**
Accounting research using archival methodologies. Focus on reading, interpreting, critiquing, and designing archival research. Designed for those planning to enter a PhD program.
**Department**
Accountancy
**When Taught**
Winter

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
SOA director's consent.
**Recommended**
Acc 516; Acc 518

| Title | Tags |
| --- | --- |
| Program | 174962, 0, 0 |

**Learning Outcome**
Program in SAS

## ACC 518 - Academic Experimental Research Design

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
518
**Teaching Area**
ACC
**Course Title**
Academic Experimental Research Design
**Course Description**
In-depth study of accounting research using experimental methodologies. Focus on reading, interpreting, critiquing, and designing experimental research. Designed for those planning to enter a PhD program.
**Department**
Accountancy
**When Taught**
Winter

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
SOA director's consent.

| Title | Tags |
| --- | --- |
| Become Better | 208228, 0, 1 |

**Learning Outcome**
Be better spiritually and professionally.

| Title | Tags |
| --- | --- |
| Extract Data | 174920, 0, 1 |

**Learning Outcome**
Extract data from the Compustat and CRSP databases

| Title | Tags |
| --- | --- |
| Research | 175041, 0, 2 |

**Learning Outcome**
Perform archival academic research

| Title | Tags |
| --- | --- |
| Experimental Accounting Research | 208229, 0, 2 |

**Learning Outcome**
Understand the basics of experimental accounting research, including: terminology, design, and major areas of research.

| Title | Tags |
| --- | --- |
| Research Ideas | 208230, 0, 3 |

**Learning Outcome**
Demonstrate the ability to generate and articulate research ideas

| Title | Tags |
| --- | --- |
| Develop Proposals | 208231, 0, 4 |

**Learning Outcome**
Develop experimental research proposals and instruments.

| Title | Tags |
| --- | --- |
| Academic Careers | 208232, 0, 5 |

**Learning Outcome**
Improve their knowledge and understanding of doctoral study and academic careers.

## ACC 522 - Advanced Taxation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 522 |

**Teaching Area**
ACC
**Course Title**
Advanced Taxation
**Course Description**
Tax laws as they apply to selected tax entities, with an introduction to tax research methodology.
**Department**
Accountancy
**When Taught**
Fall

### Credit Hours

**Min**
3

## ACC 523 - Tax Research Methodology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 523 |

**Teaching Area**
ACC
**Course Title**
Tax Research Methodology
**Course Description**
In-depth treatment of research and procedures emphasizing communication and presentation of findings.
**Department**
Accountancy
**When Taught**
Fall

### Credit Hours

**Min**
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Marriott School Graduate Core

| Title | Tags |
| --- | --- |
| Business Entities | 174970, 0, 0 |

Learning Outcome
Describe and discuss important tax and nontax factors involved in selecting the entity type for a particular business.

| Title | Tags |
| --- | --- |
| Book-Tax Differences | 175029, 0, 1 |

Learning Outcome
Determine common corporate book-tax differences in accounting for various corporate transactions and reconcile the book and taxable income of a corporation.

| Title | Tags |
| --- | --- |
| Tax Provision | 174979, 0, 2 |

Learning Outcome
Compute a corporation's income tax provision under the ASC 740 rules and understand the proper financial statement disclosure for a corporation's income tax expense related items.

| Title | Tags |
| --- | --- |
| Flow-Through Entities | 174932, 0, 3 |

Learning Outcome
Describe and discuss important tax and nontax issues relevant to corporate and flow-through entities.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
6

Other Prerequisites
Admission to MAcc

| Title | Tags |
| --- | --- |
| Research | 175037, 0, 0 |

Learning Outcome
Research tax questions using resource databases.

| Title | Tags |
| --- | --- |
| Tax Law | 175014, 0, 1 |

Learning Outcome
Interpret/apply tax law.

| Title | Tags |
| --- | --- |
| Communication | 175035, 0, 2 |

Learning Outcome
Communicate with clients and supervisors.

## ACC 525 - Advanced Accounting Analytics

### Course Information

**Teaching Area (new)**
ACC

**Course Number**
525

**Teaching Area**
ACC

**Course Title**
Advanced Accounting Analytics

**Course Description**
Apply an analytic mindset to problems. Learn advanced data analytic tools and techniques including extracting, transforming, and loading data; querying databases; visualizing data; and applying statistical concepts in accounting settings.

**Department**
Accountancy

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to MAcc.

| Title | Tags |
|---|---|
| Build Zion | 174922, 0 |

**Learning Outcome**
Build Zion by becoming better spiritually and professionally.

| Title | Tags |
|---|---|
| Database | 175022, 1 |

**Learning Outcome**
Proficient in building and using a basic database.

| Title | Tags |
|---|---|
| Data Visualization | 174976, 2 |

**Learning Outcome**

## ACC 530 - Advanced Financial Statement Auditing

### Course Information

**Teaching Area (new)**
ACC

**Course Number**
530

**Teaching Area**
ACC

**Course Title**
Advanced Financial Statement Auditing

**Course Description**
Accounting methodology, professional auditing standards, and current issues.

**Department**
Accountancy

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to MAcc; Acc 515 or equivalent

| Title | Tags |
|---|---|
| Auditing Concepts | 175020, 0, 0 |

**Learning Outcome**
Use auditing concepts and variables (e.g., client acceptance, risk assessment, materiality, understanding and testing of internal controls, analytical procedures, substantive audit testing, documentation of evidence, and completing an audit engagement) to make audit planning, testing, and evaluation decisions.

| Title | Tags |
|---|---|
| Application of Concepts | 174943, 0, 1 |

**Learning Outcome**

Proficient in using software to visualize data.

| Title | Tags |
| --- | --- |
| RPA | 175013, 3 |

**Learning Outcome**
Understand and have the ability to create bots (i.e., robotic process automation).

Apply auditing and assurance concepts to real-world case studies.

| Title | Tags |
| --- | --- |
| Sampling | 174966, 0, 2 |

**Learning Outcome**
Apply statistical sampling concepts to auditing tests of controls, transactions, and balances.

| Title | Tags |
| --- | --- |
| Audit Software | 174960, 0, 3 |

**Learning Outcome**
Demonstrate basic proficiency with an auditing software package that is widely used in practice.

| Title | Tags |
| --- | --- |
| Teams | 174911, 0, 4 |

**Learning Outcome**
Collaborate in teams to solve problems and present findings in both written and oral forms.

| Title | Tags |
| --- | --- |
| Current Issues | 174963, 0, 5 |

**Learning Outcome**
Examine issues currently facing the profession (e.g., regulation, new standards, fair value, legal liability, independence, competition, new services)

| Title | Tags |
| --- | --- |
| Ethical dilemmas | 175030, 0, 7 |

**Learning Outcome**
Deliberate on the spiritual and ethical implications of dilemmas faced by accounting professionals.

| Title | Tags |
| --- | --- |
| Professional Judgment | 175032, 0, 6 |

**Learning Outcome**
Examine characteristics of good professional judgment as well as common threats to good judgment.

## ACC 531 - Advanced Management Accounting

### Course Information

**Teaching Area (new)**
ACC

**Course Number**
531

**Teaching Area**
ACC

**Course Title**
Advanced Management Accounting

**Course Description**
Advanced concepts, including the role of accounting in strategic and operational decision-making.

**Department**
Accountancy

**When Taught**
Winter Term 1.

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Marriott School Graduate Core; Acc 515 or equivalent.

**Title**
Unstructured settings

**Tags**
174936, 0, 0

**Learning Outcome**
Use management accounting knowledge and research skills to recommend a costing approach in an unstructured setting.

**Title**
OROS Quick Software

**Tags**
175024, 0, 1

**Learning Outcome**
Use OROS Quick Software to build an activity-based cost system.

## ACC 540 - Advanced Professional Financial Accounting

### Course Information

**Teaching Area (new)**
ACC

**Course Number**
540

**Teaching Area**
ACC

**Course Title**
Advanced Professional Financial Accounting

**Course Description**
Advanced financial accounting topics including pensions, earnings per share, accounting changes, and deferred income taxes.

**Department**
Accountancy

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Marriott School Graduate Core; Acc 515 or equivalent

**Title**
Learning Outcomes

**Tags**
174983, 1

**Learning Outcome**
Work in teams

**Title**
Learning Outcomes

**Tags**
174997, 0

**Learning Outcome**
Understand technical accounting issues

**Title**
Learning Outcomes

**Tags**
175018, 2

| Title | Tags |
| --- | --- |
| Activity-Based Costing | 174919, 0, 2 |

**Learning Outcome**
Assess customer profitability and revenue management using activity-based costing

| Title | Tags |
| --- | --- |
| Theory of Constraints | 175033, 0, 3 |

**Learning Outcome**
Use theory of constraints to analyze business processes

| Title | Tags |
| --- | --- |
| Communication | 174912, 0, 4 |

**Learning Outcome**
Communicate the results of analysis verbally and in writing

| Title | Tags |
| --- | --- |
| Teams | 175039, 0, 5 |

**Learning Outcome**
Work well in teams

**Learning Outcome**
Understand current developments

## ACC 541 - Financial Statement Analysis

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
541
**Teaching Area**
ACC
**Course Title**
Financial Statement Analysis
**Course Description**
Analysis of financial statements and the accompanying footnotes. How various accounting methods might affect interpretation and use of financial information.
**Department**
Accountancy
**When Taught**
Winter Term 2.

### Credit Hours

**Min**
1.5

**Fixed**
1.5

## ACC 542 - Measurement in Accounting

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
542
**Teaching Area**
ACC
**Course Title**
Measurement in Accounting
**Course Description**
Case-based course that examines measurement issues in accounting. Focuses on techniques and approaches used in practice for measuring financial instruments, acquisitions, revenue recognition, and asset impairments, among others. Also focuses on measurements used by entities to report Environmental-Social-Governance (ESG) and Sustainability matters.
**Department**
Accountancy
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**

### Lecture Hours

Fixed
1.5

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Assessment | 174986, 0, 0 |

Learning Outcome
Assess firm strategy, profitability, financial position, credit risk, and earnings quality.

| Title | Tags |
| --- | --- |
| Forecasting | 175028, 0, 1 |

Learning Outcome
Forecast financial performance and to build pro forma financial statements.

| Title | Tags |
| --- | --- |
| Valuation Models | 174954, 0, 2 |

Learning Outcome
Understand and implement common accounting-based valuation models.

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ACC 515 - Accounting Research Seminar
  **AND** ACC 530 - Advanced Financial Statement Auditing

**Additional Comments:**

Other Prerequisites
Admission to MAcc

| Title | Tags |
| --- | --- |
| Measurement | 213308, 0, 1, 2023-08-28 12:55:14 |

Learning Outcome
Improve their understanding of measurement concepts and how they apply to accounting situations.

| Title | Tags |
| --- | --- |
| Alternative measurement | 213309, 0, 2, 2023-08-28 12:55:16 |

Learning Outcome
Recognize, evaluate, compare, and generate alternative measurement attributes that could reasonably be used in real-world situations under current financial reporting standards..

| Title | Tags |
| --- | --- |
| Implement Measurement | 213310, 0, 3, 2023-08-28 12:55:18 |

Learning Outcome
Implement measurement approaches in common scenarios such as revenue recognition, goodwill, allocation of purchase prices in acquisitions, asset impairment, fair value measurements, stock compensation, securitization

models, loan loss reserves, and relief from royalty.

**Title**
Measurement Approaches

**Tags**
213311, 0, 4, 2023-08-28 12:55:20

**Learning Outcome**
Examine and critique measurement approaches used in ESG and Sustainability reporting frameworks.

## ACC 545 - International Accounting and Multinational Enterprises

### Course Information

**Teaching Area (new)**
ACC

**Course Number**
545

**Teaching Area**
ACC

**Course Title**
International Accounting and Multinational Enterprises

**Course Description**
Accounting from an international perspective: flow of information in multiple currencies, complying with reporting requirements, setting budgets and monitoring performance, and controlling corporate assets through reports and audits.

**Department**
Accountancy

**When Taught**
Spring Term

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Convergence forces

**Tags**
174916, 1

**Learning Outcome**
Describe the forces of convergence of accounting

## ACC 550 - Forensic Accounting and Fraud Examination

### Course Information

**Teaching Area (new)**
ACC

**Course Number**
550

**Teaching Area**
ACC

**Course Title**
Forensic Accounting and Fraud Examination

**Course Description**
Fraud prevention, detection, investigation, issues, and methodology. Examination of past frauds with hands-on cases and computer exercises to identify increased fraud risk, interrogate data, and design prevention and detection controls.

**Department**
Accountancy

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Tags**
213312, 0, 1, 2023-08-28 12:55:28

**Learning Outcome**
Become familiar with several forms of fraud and the methods that fraud examiners use to prevent and detect it.

standards

| Title | Tags |
| --- | --- |
| Compare GAAP and IFRS | 174964, 3 |

**Learning Outcome**
Compare U.S. GAAP and IFRS for the following accounting issues: intangibles, consolidation, segment reporting, and foreign currency transactions and translation.

| Title | Tags |
| --- | --- |
| MNEs | 174965, 4 |

**Learning Outcome**
Explain how MNEs deal with the issue of foreign exchange risk management, corporate governance, performace evaluation and control, auditing, and taxation.

| Title | Tags |
| --- | --- |
| Accounting differences | 174993, 0 |

**Learning Outcome**
Identify the major reasons accounting differs around the world.

| Title | Tags |
| --- | --- |
| IFRS pros and cons | 175009, 2 |

**Learning Outcome**
Evaluate the pros and cons of adopting IFRS for financial reporting in capital markets worldwide.

| Tags | Learning Outcome |
| --- | --- |
| 213313, 0, 2, 2023-08-28 12:55:29 | Develop expertise in detecting financial statement fraud from the external auditor perspective. |

| Tags | Learning Outcome |
| --- | --- |
| 213314, 0, 3, 2023-08-28 12:55:32 | Acquire a basic understanding of how interviews can be used to detect deception. |

| Tags | Learning Outcome |
| --- | --- |
| 213315, 0, 4, 2023-08-28 12:55:34 | Learn principles, concepts and tools used in forensic accounting. |

## ACC 555 - Applied Accounting Analytics

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
555
**Teaching Area**
ACC
**Course Title**
Applied Accounting Analytics
**Course Description**
Understand various applications employed in accounting and business data analytics. Focus on how people perceive, process, and encode visual and textual information and how to select the most appropriate methods to present qualitative and quantitative data. \n
**Department**

## ACC 556 - Database Analysis and Design

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
556
**Teaching Area**
ACC
**Course Title**
Database Analysis and Design
**Course Description**
Concepts and techniques of database system development. Focal areas include: structures, integrity, retrieval, manipulation, validation, and analysis. SQL used as basis for data interrogation.
**Department**
Accountancy

Department
Accountancy
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Admission to MAcc

Department
Accountancy
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Admission to a Marriott School graduate program

| Title | Tags |
| --- | --- |
| Analyze Data and Propose Structures | 175100, 0 |

Learning Outcome
Analyze data requirements and propose data structures to meet these requirements.

| Title | Tags |
| --- | --- |
| Database Calls | 174945, 0, 1 |

Learning Outcome
Integrated database calls into simple applications.

| Title | Tags |
| --- | --- |
| Data Structures | 174941, 0, 2 |

Learning Outcome
Extract, transform and present data from data structures

## ACC 557 - Management Consulting and Projects

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 557 |

Teaching Area
ACC

## ACC 560 - Special Problems in Federal Taxation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 560 |

Teaching Area
ACC

**Course Title**
Management Consulting and Projects
**Course Description**
Projects-oriented course where students get hands-on experience performing consulting jobs for businesses in Utah. Class includes both in-class instruction and business experience.
**Department**
Accountancy
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to MAcc

| Title | Tags |
| --- | --- |
| Management Consulting | 174957, 0, 0 |

**Learning Outcome**
Identify the field of management consulting and the role of a management consultant.

| Title | Tags |
| --- | --- |
| Tools and Techniques | 174924, 0, 1 |

**Learning Outcome**
Learn the tools and techniques used during a consulting engagement; including diagnosis, planning, and problem solving.

| Title | Tags |
| --- | --- |
| Consulting Skills | 174918, 0, 2 |

**Learning Outcome**
Apply management consulting skills to consulting situations.

| Title | Tags |
| --- | --- |

**Course Title**
Special Problems in Federal Taxation
**Course Description**
Special property transactions, accounting periods and methods, tax payments and credit, tax concepts, and reporting tax liability.
**Department**
Accountancy
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Tax Consequences of Property Transactions | 175040, 0, 0 |

**Learning Outcome**
Determine and calculate the tax consequences of property transactions, including depreciation, realized and recognized gain and loss and its character.

| Title | Tags |
| --- | --- |
| Corporate Taxable Income | 174958, 0, 1 |

**Learning Outcome**
Properly calculate corporate taxable income. This includes completing a Form 1120, understanding the differences between book income and taxable income, and calculate the 199A and 163(j) deductions.

| Title | Tags |
| --- | --- |
| S Corporations | 174925, 0, 2 |

**Learning Outcome**
Properly calculate S corporation taxable income include stock/debt basis as well as

| Team | 174926, 0, 3 |
|---|---|

**Learning Outcome**
Contribute to your project team through timely communication and assuming responsibility for your assigned role.

| Title | Tags |
|---|---|
| Communication | 175036, 0, 4 |

**Learning Outcome**
Demonstrate through a final written and oral report to the client that you are able to communicate effectively, both orally and in writing.

| Title | Tags |
|---|---|
| Ethical Principles | 174950, 0, 5 |

**Learning Outcome**
Understand and apply ethical principles to consulting situations.

AAA/OAA accounts.

## ACC 561 - Corporate Taxation 1

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ACC | 561 |

**Teaching Area**
ACC
**Course Title**
Corporate Taxation 1
**Course Description**
Federal income taxation of corporations and shareholders.
**Department**
Accountancy
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## ACC 562 - Corporate Taxation 2

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ACC | 562 |

**Teaching Area**
ACC
**Course Title**
Corporate Taxation 2
**Course Description**
Continuation of Corporate Taxation 1. Includes consolidated returns.
**Department**
Accountancy
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Other Prerequisites
Admission to MAcc

| Title | Tags |
| --- | --- |
| Corporate nonliquidating distributions | 175097, 1 |

Learning Outcome
Understand the tax consequence of corporate distributions to the distributee shareholders and the distributing corporation.

| Title | Tags |
| --- | --- |
| Corporate redemptions | 175098, 2 |

Learning Outcome
Understand the tax consequences of corporate redemptions to the distributee shareholder and the redeeming corporation

| Title | Tags |
| --- | --- |
| Use and apply IRC and Treasury Regulations | 175099, 4 |

Learning Outcome
Learn to use and apply the Internal Revenue Code and Treasury Regulations to solve complex tax problems

| Title | Tags |
| --- | --- |
| Tax attributes and consolidated tax return (CTR) issues | 175101, 3 |

Learning Outcome
Understand the transactions that trigger Sec. 382 loss limitations and determine how to apply the limitations in a non consolidated and in a consolidated context. Also, determine and apply the tax implications of computing consolidated taxable income and filing consolidated tax returns.

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Solutions to tax issues | 175096, 1 |

Learning Outcome
Generate a reasonable solution to various tax issues and substantiate the solution with relevant tax authority.

| Title | Tags |
| --- | --- |
| Corporate formations, liquidations, acquisitions, and divestitures | 175102, 0 |

Learning Outcome
Identify relevant issues relating to corporate formations, liquidations, taxable and tax deferred corporate acquisitions, and corporate divestitures when given various data-rich scenarios.

| Title | Tags |
| --- | --- |
| Teamwork | 175103, 2 |

Learning Outcome
Work effectively with a team to practice responding, given support from a tax-expert, to a real-world restructuring scenario.

| Title | Tags |
| --- | --- |
| Professional Presentation | 175104, 3 |

Learning Outcome
Give a professional presentation of a restructuring plan to a client in a way that makes complex issues understandable and that demonstrates an ability to think independently.

## ACC 563 - Taxation of Partnerships

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 563 |

## ACC 564 - Taxation of Estates, Gifts, and Fiduciaries

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

**Teaching Area**
ACC
**Course Title**
Taxation of Partnerships
**Course Description**
Federal income taxation of general and limited partnerships and partners.
**Department**
Accountancy
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to MAcc

| Title | Tags |
|---|---|
| Learning Outcomes | 174947, 3 |

**Learning Outcome**
Communicate the results of complex tax issues orally and in writing.

| Title | Tags |
|---|---|
| Learning Outcomes | 174978, 1 |

**Learning Outcome**
Demonstrate technical tax expertise in the taxation of partnerships.

| Title | Tags |
|---|---|
| Learning Outcomes | 175005, 2 |

**Learning Outcome**
Work effectively in groups to solve complex tax problems.

| Title | Tags |
|---|---|
| Learning Outcomes | 175011, 0 |

**Teaching Area (new)** **Course Number**
ACC 564
**Teaching Area**
ACC
**Course Title**
Taxation of Estates, Gifts, and Fiduciaries
**Course Description**
Federal taxation of property transferred by death and gift; federal taxation of income of trusts and estates.
**Department**
Accountancy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ACC 523 - Tax Research Methodology

**Additional Comments:**

| Title | Tags |
|---|---|
| Learning Outcomes | 174931, 2 |

**Learning Outcome**
Comprehend and apply the federal transfer tax laws dealing estates. Special emphasis is given to transfers prior to death requiring inclusion in the gross estate and property transferred to the surviving spouse that qualifies for the marital deduction.

| Title | Tags |
|---|---|
| Learning Outcomes | 174955, 0 |

Learning Outcome
Perform tax research to resolve complex partnership tax problems. This includes using hte latest tax research databases and technology to complete the research.

Learning Outcome
Comprehend and apply the federal income tax laws dealing with estates and trusts

| Title | Tags |
| --- | --- |
| Learning Outcomes | 174984, 1 |

Learning Outcome
Comprehend and apply the federal transfer tax laws dealing with gifts. Special emphasis is given to understanding the marital deduction.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 175015, 3 |

Learning Outcome
Becoming familiar with and able to complete the forms for filing estate, gift, and trust returns

## ACC 565R - Current Tax Policy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 565R |

Teaching Area
ACC
Course Title
Current Tax Policy
Course Description
Intensive study of special and current tax topics and policies.
Department
Accountancy
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed

## ACC 566 - Tax Accounting Methods and Accounting for Income Taxes

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACC | 566 |

Teaching Area
ACC
Course Title
Tax Accounting Methods and Accounting for Income Taxes
Course Description
Accounting periods and methods, corporate income taxation, and accounting for income taxes under ASC 740.
Department
Accountancy
When Taught
Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

0

| Title | Tags |
| --- | --- |
| Federal Tax Income | 174946, 0, 0 |

**Learning Outcome**
Properly compute an individual's federal taxable income and alternative minimum taxable income.

| Title | Tags |
| --- | --- |
| Individual Federal Tax Liability | 175038, 0, 1 |

**Learning Outcome**
Properly compute an individual's federal income tax liability, self-employment tax liability, and alternative minimum tax liability.

| Title | Tags |
| --- | --- |
| Tax Underpayment Penalty | 174967, 0, 3 |

**Learning Outcome**
Determine the amount of a taxpayer's estimated tax underpayment penalty.

| Title | Tags |
| --- | --- |
| Tax Consequences of Investments | 174913, 0, 4 |

**Learning Outcome**
Determine the tax consequences of various types of investments and investment expenses, including investment interest expense.

| Title | Tags |
| --- | --- |
| Gift and Estate Tax Liability | 174917, 0, 5 |

**Learning Outcome**
Determine a taxpayer's federal gift and estate transfer tax liability

| Title | Tags |
| --- | --- |
| Retirement Plans | 208233, 0, 6 |

**Learning Outcome**
Determine taxpayer's allowed contributions to various retirement plans and provide tax relevant advice to taxpayers about dealing with retirement plans.

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Admission to MAcc

| Title | Tags |
| --- | --- |
| Corporate Book–Tax Differences | 206945, 0, 1 |

**Learning Outcome**
Determine common corporate book–tax differences in accounting for various corporate transactions and reconcile the book and taxable income of a corporation.

| Title | Tags |
| --- | --- |
| Tax Provision | 206946, 0, 2 |

**Learning Outcome**
Compute a corporation's income tax provision under the ASC 740 rules and understand the proper financial statement disclosure for a corporation's income tax expense related items.

| Title | Tags |
| --- | --- |
| ASC 740 Advanced Topics | 206947, 0, 3 |

**Learning Outcome**
Understand how to deal with advanced topics within ASC 740 including business combinations, interim reporting, state and local taxes, and consolidated groups.

| Title | Tags |
| --- | --- |
| Earnings Per Share | 206948, 0, 4 |

**Learning Outcome**
Develop an intuition and perspective about the impact of taxes on financial statement measures such as earnings per share.

## ACC 568 - Taxation of Foreign Income

### Course Information

**Teaching Area (new)**
ACC

**Course Number**
568

**Teaching Area**
ACC

**Course Title**
Taxation of Foreign Income

**Course Description**
Federal taxation of foreign transactions.

**Department**
Accountancy

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acc 561 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 174952, 1 |

**Learning Outcome**
Apply skills involving the U.S. taxation of multinational commerce, including:1. Identify icome source and allocation and apportionment of deductions.2. Calculate a taxpayer's direct and deemed paid foreign tax credit.3. Identify taxpayers who are eligible for hte foreign earned income exclusion and calculate the amount of hte exclusion.4. Identify a controlled foreign corporation (CFC) and compute the CFC's subpart F income and the deemed distribution that flows through to the U.S. shareholders.5. Understand and

## ACC 580 - Advanced Individual Tax

### Course Information

**Teaching Area (new)**
ACC

**Course Number**
580

**Teaching Area**
ACC

**Course Title**
Advanced Individual Tax

**Course Description**
Advanced topics related to issues associated with higher income individual taxpayers.

**Department**
Accountancy

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

apply the rules dealing with foreign taxpayers earning income and oding business in the U.S.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 174987, 0 |

**Learning Outcome**
Understand and discuss:1. The U.S. tax policy implications dealing with both outboudn and inbound transactions.2. The impact U.S. tax law has on international business.3. The relationship and application of Income Tax Treaties4. Issues dealing with intercompany pricing between controlled entities.

## ACC 588 - Healthcare Industry Dynamics

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
588
**Teaching Area**
ACC
**Course Title**
Healthcare Industry Dynamics
**Course Description**
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare (e.g., accounting, data analytics, ethics, finance, human resources, information systems, marketing, operations, organizational behavior, strategy, supply chain management, and other specializations).
**Department**
Accountancy
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

## ACC 590 - State and Local Taxation

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
590
**Teaching Area**
ACC
**Course Title**
State and Local Taxation
**Course Description**
Introduction to principles of multi-state taxation.
**Department**
Accountancy
**When Taught**
Spring Term

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Lab Hours**

**Fixed**
0

**Title**
Understand the Healthcare Industry

**Tags**
214708, 0, 1

**Learning Outcome**
Demonstrate an understanding of the various components of the healthcare industry

**Title**
Apply Functional Specialties to Healthcare

**Tags**
214709, 0, 2

**Learning Outcome**
Apply functional specialties to challenges specific to the healthcare industry

**Title**
Work in Teams

**Tags**
214710, 0, 3

**Learning Outcome**
Demonstrate an ability to function in a team setting

**Title**
Articulate Healthcare Industry Complexities

**Tags**
214711, 0, 4

**Learning Outcome**
Articulate the most important complexities of the healthcare industry

## ACC 591R - Readings and Conference

### Course Information

**Teaching Area (new)**
ACC

**Course Number**
591R

**Teaching Area**
ACC

**Course Title**
Readings and Conference

**Course Description**
In-depth study one-on-one with chosen professor on topic of mutual interest not currently covered in existing courses.

**Department**
Accountancy

**When Taught**
All Semesters/Terms

## ACC 599R - Academic Internship: Accounting

### Course Information

**Teaching Area (new)**
ACC

**Course Number**
599R

**Teaching Area**
ACC

**Course Title**
Academic Internship: Accounting

**Course Description**
On-the-job experience and training in industry, government, or public accounting firms.

**Department**
Accountancy

**When Taught**
All Semesters/Terms

### Credit Hours

Min
0.5

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Research | 174969, 0, 1, 2022-12-20 14:13:36 |

Learning Outcome
To help students learn how to generate high quality research ideas.

| Title | Tags |
| --- | --- |
| Write Research Proposals | 174985, 0, 2, 2022-12-20 14:13:36 |

Learning Outcome
Write experimental research proposals and design experimental research studies.

| Title | Tags |
| --- | --- |
| Research Discussions | 174972, 0, 3, 2022-12-20 14:13:36 |

Learning Outcome
Lead and participate in research seminar discussions.

| Title | Tags |
| --- | --- |
| Build Zion | 174944, 0, 0, 2022-12-20 14:13:59 |

Learning Outcome
To build Zion by challenging students to become better spiritually and professionally.

### Credit Hours

Min
0.5

Fixed
3

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
9

Other Prerequisites
Internship coordinator's consent
Note
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Networking | 174934, 3 |

Learning Outcome
Network with professionals and identify possible mentors.

| Title | Tags |
| --- | --- |
| Enrich future course work | 174935, 4 |

Learning Outcome
Return with experiences that will enrich future course work.

| Title | Tags |
| --- | --- |
| Accounting Career Opportunities | 174977, 1 |

Learning Outcome
Explore and obtain information on accounting career opportunities.

| Title | Tags |
| --- | --- |
| Theory in business courses | 175001, 2 |

Learning Outcome
Expand upon the theory and concepts taught in accounting and business courses.

| Title | Tags |
| --- | --- |
| Role of accounting and finance in business | 175023, 0 |

**Learning Outcome**
Learn through experience the role of accounting and finance in business.

## ACC077 - Haley Test w/ Action

### Course Information

**Teaching Area (new)**
ACC
**Course Number**
077
**Teaching Area**
ACC
**Course Title**
Haley Test w/ Action
**Course Description**
Testing whether or not the course number will stick
**Department**
Accountancy
**When Taught**
Fall

#### Credit Hours

**Min**
1
**Max**
1
**Fixed**
1

**Note**
I think we figured it out!?

## ACC551 - Risk Assurance and Information Technology Audit

### Course Information

**Course Number**
551
**Teaching Area**
ACC
**Course Title**
Risk Assurance and Information Technology Audit
**Course Description**
Provide an introduction to IT infrastructure and controls/processes to mitigate security and financial risks associated with IT management. Assists in preparing students for the 2024 CPA exam “Information Systems and Controls (ISC)”.
**Department**
Accountancy
**When Taught**
Winter

#### Credit Hours

**Fixed**
1.5

#### Lecture Hours

**Fixed**
1.5

**Title**
IT risks
**Tags**
213316, 0, 1, 2023-08-28 13:17:08
**Learning Outcome**
Identify common information technology (IT) risks that threaten financial integrity and security.

**Title**
Process development
**Tags**
213317, 0, 2, 2023-08-28 13:17:15
**Learning Outcome**
Develop controls and processes to mitigate common IT risks.

## ACC552 - Introduction to Cyber Risk

## ACINT 199R - Academic Internship

# Assessment in Accounting

## Course Information

**Course Number**
552
**Teaching Area**
ACC
**Course Title**
Introduction to Cyber Risk Assessment in Accounting
**Course Description**
Introduction to cyber risks and mitigations in accounting from a hacker's point of view. Assists in preparing students for the 2024 CPA exam “Information Systems and Controls (ISC)”.
**Department**
Accountancy
**When Taught**
Winter

### Credit Hours

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

| Title | Tags |
| --- | --- |
| OIT threats | 213319, 0, 1, 2023-08-28 13:24:32 |

**Learning Outcome**
Describe threats and attacks from both offensive (hacker/black hat) and defensive (organizational IT) points of view.

| Title | Tags |
| --- | --- |
| Security risk | 213320, 0, 2, 2023-08-28 13:24:33 |

**Learning Outcome**
Identify potential for IT security risk based on real-world scenarios.

| Title | Tags |
| --- | --- |
| Assessment | 213321, 0, 3, 2023-08-28 13:24:35 |

**Learning Outcome**
Assess IT security risk using qualitative and quantitative means.

| Title | Tags |
| --- | --- |
| Presentation | 213322, 0, 4, 2023-08-28 13:24:36 |

**Learning Outcome**
Present and discuss IT risks to a simulated board / C-suite.

## Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ACINT | 199R |

**Teaching Area**
ACINT
**Course Title**
Academic Internship
**Course Description**
Planned and supervised on-the-job experience, including cooperative education, internships, and practica; allows students to integrate classroom study with the world of work.
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| CPA topics | 213323, 0, 5, 2023-08-28 13:24:39 |

**Learning Outcome**
Identify “Information Systems and Controls” (ISC) topics covered in the CPA exam.

## AEROS 100 - Leadership Laboratory--Freshmen.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AEROS | 100 |

**Teaching Area**
AEROS
**Course Title**
Leadership Laboratory--Freshmen.
**Course Description**
Basic fundamentals of military leadership--drill, courtesy, planning, and organizing at various levels of responsibility.
**Department**
Aerospace Studies
**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Basic Field Training Skills | 40446, 1 |

**Learning Outcome**
Know and apply basic field training skills

| Title | Tags |
| --- | --- |
| Advanced Field Training Skills | 40451, 2 |

## AEROS 101 - Leadership Laboratory--Freshmen.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AEROS | 101 |

**Teaching Area**
AEROS
**Course Title**
Leadership Laboratory--Freshmen.
**Course Description**
Basic fundamentals of military leadership--drill, courtesy, planning, and organizing at various levels of responsibility.
**Department**
Aerospace Studies
**When Taught**
Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Basic Military Skills | 40420, 0 |

**Learning Outcome**
Know and apply basic military skills

| Title | Tags |
| --- | --- |
| Basic Field Training Skills | 40423, 1 |

| Title | Tags |
| --- | --- |
| Advanced Field Training Skills | 40454, 2 |

Learning Outcome
Know and apply advanced field training skills

| Title | Tags |
| --- | --- |
| Basic Field Training Skills | 40423, 1 |

Learning Outcome
Know and apply basic field training skills

| Title | Tags |
| --- | --- |
| Physical Fitness | 40461, 3 |

Learning Outcome
Be physically fit

| Title | Tags |
| --- | --- |
| Physical Fitness | 40425, 3 |

Learning Outcome
Be physically fit

| Title | Tags |
| --- | --- |
| Basic Military Skills | 40479, 0 |

Learning Outcome
Know and apply basic military skills

| Title | Tags |
| --- | --- |
| Advanced Field Training Skills | 40454, 2 |

Learning Outcome
Know and apply advanced field training skills

## AEROS 110 - The Air Force Today

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AEROS | 110 |

**Teaching Area**
AEROS
**Course Title**
The Air Force Today
**Course Description**
Development, organization, and core values of the U.S. Air Force, emphasizing the foundations of officership.
**Department**
Aerospace Studies
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Aeros 100.

## AEROS 111 - Aerospace Defense, General Purpose, and Support Forces

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AEROS | 111 |

**Teaching Area**
AEROS
**Course Title**
Aerospace Defense, General Purpose, and Support Forces
**Course Description**
U.S. Air Force Major Command structure and the origins of the Air Force.
**Department**
Aerospace Studies
**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**

| Title | Tags |
| --- | --- |
| Life Skills | 40409, 3 |

**Learning Outcome**
Know and develop productive life skills

| Title | Tags |
| --- | --- |
| Career Opportunities | 40413, 1 |

**Learning Outcome**
Know what career opportunities are available as an Air Force officer

| Title | Tags |
| --- | --- |
| Air Force History | 40437, 0 |

**Learning Outcome**
Know the history of the Air Force, how it is organized and what it does for the country

| Title | Tags |
| --- | --- |
| Communications Skills | 40442, 4 |

**Learning Outcome**
Demonstrate basic oral and written communications skills

| Title | Tags |
| --- | --- |
| Air Force Benefits | 40478, 2 |

**Learning Outcome**
Know the benefits afforded members of the military

Concurrent enrollment in Aeros 101.

| Title | Tags |
| --- | --- |
| Life Skills | 40408, 3 |

**Learning Outcome**
Know and develop productive life skills

| Title | Tags |
| --- | --- |
| Career Opportunities | 40411, 1 |

**Learning Outcome**
Know what career opportunities are available as an Air Force officer

| Title | Tags |
| --- | --- |
| Air Force Benefits | 40414, 2 |

**Learning Outcome**
Know the benefits afforded members of the military

| Title | Tags |
| --- | --- |
| Air Force History | 40422, 0 |

**Learning Outcome**
Know the history of the Air Force, how it is organized and what it does for the country

| Title | Tags |
| --- | --- |
| Communications Skills | 40428, 4 |

**Learning Outcome**
Demonstrate basic oral and written communications skills

## AEROS 143R - Physical Training - Air Force ROTC

### Course Information

**Teaching Area (new)**
AEROS

**Course Number**
143R

**Teaching Area**
AEROS

**Course Title**
Physical Training - Air Force ROTC

**Course Description**
Physical training course for Air Force ROTC members only.

**Department**
Aerospace Studies

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

## AEROS 190R - Air Force ROTC Auxiliary

### Course Information

**Teaching Area (new)**
AEROS

**Course Number**
190R

**Teaching Area**
AEROS

**Course Title**
Air Force ROTC Auxiliary

**Course Description**
Additional voluntary practical military training for Air Force ROTC cadets. The Honor Guard and Special Tactics each focus on leadership, problem solving, team building, and communication in an effort to better prepare cadets for the rigors of military service.

**Department**
Aerospace Studies

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Must be a cadet enrolled in Air Force ROTC.

## AEROS 200 - Leadership Laboratory--Sophomores.

### Course Information

**Teaching Area (new)**
AEROS

**Course Number**
200

**Teaching Area**
AEROS

**Course Title**
Leadership Laboratory--Sophomores.

**Course Description**
As listed for Aeros 100/101. Increased emphasis on performance level.

**Department**
Aerospace Studies

**When Taught**
Fall

## AEROS 201 - Leadership Laboratory--Sophomores.

### Course Information

**Teaching Area (new)**
AEROS

**Course Number**
201

**Teaching Area**
AEROS

**Course Title**
Leadership Laboratory--Sophomores.

**Course Description**
As listed for Aeros 100/101. Increased emphasis on performance level.

**Department**
Aerospace Studies

**When Taught**
Winter

### Credit Hours

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

| Title | Tags |
| --- | --- |
| Basic Military Skills | 40419, 0 |

Learning Outcome
Know and apply basic military skills

| Title | Tags |
| --- | --- |
| Advanced Field Training Skills | 40426, 2 |

Learning Outcome
Know and apply advanced field training skills

| Title | Tags |
| --- | --- |
| Basic Field Training Skills | 40452, 1 |

Learning Outcome
Know and apply basic field training skills

| Title | Tags |
| --- | --- |
| Physical Fitness | 40475, 3 |

Learning Outcome
Be physically fit

### Credit Hours

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

| Title | Tags |
| --- | --- |
| Basic Military Skills | 40427, 0 |

Learning Outcome
Know and apply basic field training skills

| Title | Tags |
| --- | --- |
| Advanced Field Training Skills | 40430, 2 |

Learning Outcome
Know and apply advanced field training skills

| Title | Tags |
| --- | --- |
| Physical Fitness | 40435, 3 |

Learning Outcome
Be physically fit

| Title | Tags |
| --- | --- |
| Basic Field Training Skills | 40470, 1 |

Learning Outcome
Know and apply basic field training skills

## AEROS 210 - The Developmental Growth of Air Power

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AEROS | 210 |

Teaching Area
AEROS

## AEROS 211 - The Developmental Growth of Air Power

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AEROS | 211 |

Teaching Area
AEROS

**Course Title**
The Developmental Growth of Air Power
**Course Description**
Development of various concepts of air power employment, emphasizing factors that have prompted research and technological change through the early 1960's.
**Department**
Aerospace Studies
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Aeros 200

| Title | Tags |
| --- | --- |
| Evolution of Air and Space Power | 40410, 1 |

**Learning Outcome**
Comprehend the events, leaders, and technical developments that surrounded the evolution of USAF air and space power

| Title | Tags |
| --- | --- |
| Communications Skills | 40416, 2 |

**Learning Outcome**
Demonstrate basic verbal and written communication skills

| Title | Tags |
| --- | --- |
| Air and Space Power | 40448, 0 |

**Learning Outcome**
Know the key terms and definitions used to describe air and space power

| Title | Tags |
| --- | --- |
| Air Force Core Values | 40464, 3 |

**Course Title**
The Developmental Growth of Air Power
**Course Description**
Development of various concepts of air power employment, emphasizing factors that have prompted research and technological change from Vietnam to the present.
**Department**
Aerospace Studies
**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Aeros 201

**Learning Outcome**
Comprehend the Air Force Core Values and examples of their use throughout the evolution of USAF air and space power

## AEROS 300 - Leadership Laboratory--Juniors.

### Course Information

**Teaching Area (new)**
AEROS

**Course Number**
300

**Teaching Area**
AEROS

**Course Title**
Leadership Laboratory--Juniors.

**Course Description**
As listed for Aeros 100/101. Students perform as cadet officers. Emphasis on leadership development.

**Department**
Aerospace Studies

**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Title**
Advanced Field Training Skills

**Tags**
40432, 2

**Learning Outcome**
Know and apply advanced field training skills

**Title**
Physical Fitness

**Tags**
40440, 3

**Learning Outcome**
Be physically fit

## AEROS 301 - Leadership Laboratory--Juniors.

### Course Information

**Teaching Area (new)**
AEROS

**Course Number**
301

**Teaching Area**
AEROS

**Course Title**
Leadership Laboratory--Juniors.

**Course Description**
As listed for Aeros 100/101. Students perform as cadet officers. Emphasis on leadership development.

**Department**
Aerospace Studies

**When Taught**
Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Title**
Basic Military Skills

**Tags**
40441, 0

**Learning Outcome**
Know and apply Basic Military Skills.

**Title**
Basic Field Training

**Tags**
40459, 1

**Learning Outcome**
Know and apply Basic Field Training Skills.

| Title | Tags |
| --- | --- |
| Basic Military Skills | 40445, 0 |

**Learning Outcome**
Know and apply basic military skills

| Title | Tags |
| --- | --- |
| Basic Field Training Skills | 40468, 1 |

**Learning Outcome**
Know and apply basic filed training skills

| Title | Tags |
| --- | --- |
| Advanced Field Training Skills | 40465, 2 |

**Learning Outcome**
Know and apply Advanced Field Training Skills.

| Title | Tags |
| --- | --- |
| Pysical Fitness | 40481, 3 |

**Learning Outcome**
Be physically fit.

## AEROS 310 - Management and Leadership

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AEROS | 310 |

**Teaching Area**
AEROS
**Course Title**
Management and Leadership
**Course Description**
Writing, speaking, and listening as communication skills; management concepts; responsibilities and ethics for an Air Force junior officer.
**Department**
Aerospace Studies
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Aeros 300

| Title | Tags |
| --- | --- |
| Leadership | 40431, 0 |

## AEROS 311 - Management and Leadership

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AEROS | 311 |

**Teaching Area**
AEROS
**Course Title**
Management and Leadership
**Course Description**
Principles of leadership, problem solving, decisions, discipline, and human relations. Emphasis on career planning as an Air Force junior officer.
**Department**
Aerospace Studies
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Aeros 301

| Title | Tags |
| --- | --- |
| Leadership and Management | 40412, 1 |

Learning Outcome
Define the concept of leadership

| Title | Tags |
| --- | --- |
| Leadership Theories | 40472, 3 |

Learning Outcome
Identify the major research theories of leadership and its processes

| Title | Tags |
| --- | --- |
| Leadership and Management Relationship | 40480, 1 |

Learning Outcome
Explain the relationship between leadership and management

| Title | Tags |
| --- | --- |
| Interactional Framework of Leadership | 40482, 4 |

Learning Outcome
Explain the interactional framework of leadership

| Title | Tags |
| --- | --- |
| Leadership Effectiveness | 40484, 2 |

Learning Outcome
Explain the ways of determining leadership effectiveness

Learning Outcome
Explain the relationship between leadership and management.

| Title | Tags |
| --- | --- |
| Major Research Theories | 40421, 3 |

Learning Outcome
Identify the major research theories of leadership and its processes.

| Title | Tags |
| --- | --- |
| Leadership | 40444, 0 |

Learning Outcome
Define the concept of leadership.

| Title | Tags |
| --- | --- |
| Determining Leadership Effectiveness | 40466, 2 |

Learning Outcome
Explain the ways of determining leadership effectiveness.

| Title | Tags |
| --- | --- |
| Interactional Framework | 40473, 4 |

Learning Outcome
Explain the Interactional Framework of Leadership.

## AEROS 399R - Academic Internship: Leadership Intern Program

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AEROS | 399R |

**Teaching Area**
AEROS
**Course Title**
Academic Internship: Leadership Intern Program
**Course Description**
Air Force ROTC field leadership training course. Provides advanced fundamentals of military leadership, planning, organizing, and team building at various levels of responsibility.
**Department**
Aerospace Studies
**When Taught**
Spring and Summer Terms

### Credit Hours

## AEROS 400R - Leadership Laboratory--Seniors.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AEROS | 400R |

**Teaching Area**
AEROS
**Course Title**
Leadership Laboratory--Seniors.
**Course Description**
As listed for Aeros 100/101. Senior cadets perform in leadership positions in planning and conducting all activities of the cadet corps.
**Department**
Aerospace Studies
**When Taught**
Fall

### Credit Hours

Min

Min
4

Fixed
4

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
0

Other Prerequisites
Department chair's consent
Note
NOTE: Enrollment limited to Air Force ROTC cadets. NOTE: An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Air Force Core Values | 40433, 0 |

Learning Outcome
Understand and implement in theoretical situations Air Force core values

| Title | Tags |
|---|---|
| Leadership | 40457, 1 |

Learning Outcome
Explain Air Force leadership principles

| Title | Tags |
|---|---|
| Effective Leadership | 40477, 2 |

Learning Outcome
Recognize the traits and methods of effective leadership in the military

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

| Title | Tags |
|---|---|
| Basic Field Training Skills | 40439, 1 |

Learning Outcome
Know and apply basic field training skills

| Title | Tags |
|---|---|
| Basic Military Skills | 40447, 0 |

Learning Outcome
Know and apply basic military skills

| Title | Tags |
|---|---|
| Physical Fitness | 40453, 3 |

Learning Outcome
Be physically fit

| Title | Tags |
|---|---|
| Advanced Field Training Skills | 40458, 2 |

Learning Outcome
Know and apply advanced field training skills

## AEROS 401R - Leadership Laboratory--Seniors.

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| AEROS | 401R |

Teaching Area
AEROS
Course Title
Leadership Laboratory--Seniors.
Course Description

## AEROS 410 - National Security Affairs

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| AEROS | 410 |

Teaching Area
AEROS
Course Title
National Security Affairs
Course Description
Civilian control of military, civil-military interaction, the forming of

**Course Description**
As listed for Aeros 100/101. Senior cadets perform in leadership positions in planning and conducting all activities of the cadet corps.
**Department**
Aerospace Studies
**When Taught**
Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

| Title | Tags |
|---|---|
| Basic Military Skills | 40418, 0 |

**Learning Outcome**
Know and apply basic military skills

| Title | Tags |
|---|---|
| Advanced Field Training Skills | 40436, 2 |

**Learning Outcome**
Know and apply advanced field training skills

| Title | Tags |
|---|---|
| Physical Fitness | 40455, 3 |

**Learning Outcome**
Be physically fit

| Title | Tags |
|---|---|
| Basic Field Training Skills | 40467, 1 |

**Learning Outcome**
Know and apply basic field training skills

defense strategy. Military profession; Russia, Europe, and East Asia regional studies.
**Department**
Aerospace Studies
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Aeros 400R

| Title | Tags |
|---|---|
| Military Transition | 40424, 7 |

**Learning Outcome**
Understand the factors that facilitate a smooth transition from civilian to military life

| Title | Tags |
|---|---|
| Air and Space Power Functions | 40438, 1 |

**Learning Outcome**
Know the air and space power functions and capabilities

| Title | Tags |
|---|---|
| Military Profession | 40456, 3 |

**Learning Outcome**
Understand current issues affecting the military profession

| Title | Tags |
|---|---|
| Military Roles | 40460, 2 |

**Learning Outcome**
Understand selected roles of the military in society

| Title | Tags |
| --- | --- |
| Military Justice | 40462, 4 |

**Learning Outcome**
Understand the military justice system

| Title | Tags |
| --- | --- |
| National Security Policy | 40469, 0 |

**Learning Outcome**
Know the basic elements of national security policy and process

| Title | Tags |
| --- | --- |
| Communication Skills | 40471, 6 |

**Learning Outcome**
Apply listening, speaking, and writing skills in Air Force particular formats and situations with accuracy, clarity, and appropriate style

| Title | Tags |
| --- | --- |
| Air Force Commander | 40483, 5 |

**Learning Outcome**
Comprehend the responsibility, authority, and functions of an Air Force commander

## AEROS 411 - National Security Affairs

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AEROS | 411 |

**Teaching Area**
AEROS
**Course Title**
National Security Affairs
**Course Description**
Africa, Middle East, and Latin American regional studies; military operation other than war; military justice system; officer professional development.
**Department**
Aerospace Studies
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**

## AFRIK 100 - Language Study: Afrikaans

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AFRIK | 100 |

**Teaching Area**
AFRIK
**Course Title**
Language Study: Afrikaans
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Afrikaans.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Concurrent enrollment in Aeros 401R.

| Title | Tags |
| --- | --- |
| Transitioning to Military Life | 40415, 7 |

Learning Outcome
Be capable of applying the factors that facilitate a smooth transition from civilian to military life.

| Title | Tags |
| --- | --- |
| Current Military Issues | 40417, 3 |

Learning Outcome
Be able to discuss current issues affecting the military profession.

| Title | Tags |
| --- | --- |
| Communication Skills | 40429, 6 |

Learning Outcome
Apply listening, speaking, and writing skills in Air Force particular formats and situations with accuracy, clarity, and appropriate style.

| Title | Tags |
| --- | --- |
| National Security Policy | 40434, 0 |

Learning Outcome
Be able to explain the basic elements of national security policy and process.

| Title | Tags |
| --- | --- |
| Air and Space Power | 40443, 1 |

Learning Outcome
Know the air and space power functions and capabilities.

2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 195431, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 195432, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 195433, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

| Title | Tags |
| --- | --- |
| Role of the Military | 40450, 2 |

**Learning Outcome**
Differentiate between selected roles of the military in society.

| Title | Tags |
| --- | --- |
| Military Justice | 40463, 4 |

**Learning Outcome**
Know how the military justice system operates.

| Title | Tags |
| --- | --- |
| Responsibility of an Air Force Commander | 40476, 5 |

**Learning Outcome**
Comprehend the responsibility, authority, and functions of an Air Force commander.

## AFRIK 101 - First-Year Afrikaans

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AFRIK | 101 |

**Teaching Area**
AFRIK
**Course Title**
First-Year Afrikaans
**Course Description**
Beginning speaking, listening, reading, and writing skills in Afrikaans.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**

## AFRIK 102 - First-Year Afrikaans

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AFRIK | 102 |

**Teaching Area**
AFRIK
**Course Title**
First-Year Afrikaans
**Course Description**
Beginning speaking, listening, reading, and writing skills in Afrikaans.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**

Fixed
1

| Title | Tags |
| --- | --- |
| Writing | 193084, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 193108, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Culture | 193114, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Comprehension | 193240, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

## AFRIK 201 - Second-Year Afrikaans

### Course Information

Teaching Area (new)

Course Number

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- AFRIK 101 - First-Year Afrikaans

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Culture | 193162, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Writing | 193206, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 193210, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Comprehension | 193229, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

## AFRIK 202 - Second-Year Afrikaans

### Course Information

Teaching Area (new)

Course Number

**Teaching Area (new)**
AFRIK
**Course Number**
201
**Teaching Area**
AFRIK
**Course Title**
Second-Year Afrikaans
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Afrikaans.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- AFRIK 102 - First-Year Afrikaans

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Vocabulary | 193057, 1 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Culture | 193173, 3 |

**Learning Outcome**
Discuss in the target language common products and practices

**Teaching Area (new)**
AFRIK
**Course Number**
202
**Teaching Area**
AFRIK
**Course Title**
Second-Year Afrikaans
**Course Description**
Continued emphasis on Afrikaans communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- AFRIK 201 - Second-Year Afrikaans

**Additional Comments:**

**Other Prerequisites**
Teacher may waive prerequisite based on prior experience.
**Note**
Culminating course for GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Cultural Knowledge | 191512, 6 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.)

related to every-day life in the target culture.

| Title | Tags |
| --- | --- |
| Elaboration | 193217, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
| --- | --- |
| Grammar | 193218, 2 |

**Learning Outcome**
Review and increase understanding of basic language structures.

institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 191850, 8 |

**Learning Outcome**
Complete language and cultural aspects of General Education"Languages of Learning" and "Global & Cultural Awarness" requirments.

| Title | Tags |
| --- | --- |
| Comprehension | 193096, 3 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Communication skills | 193112, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

## AFRIK 211R - Second-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AFRIK | 211R |

**Teaching Area**
AFRIK
**Course Title**
Second-Year Conversation
**Course Description**
Intermediate listening comprehension and speaking skills in Afrikaans.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

## AFRIK 305 - Languages Skills Development: Afrikaans

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AFRIK | 305 |

**Teaching Area**
AFRIK
**Course Title**
Languages Skills Development: Afrikaans
**Course Description**
Increasing proficiency in one or more of the following target-language or target-culture Afrikaans language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- AFRIK 201 - Second-Year Afrikaans

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Conversation | 193356, 1 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

| Title | Tags |
|---|---|
| Survival Transactions | 193366, 2 |

**Learning Outcome**
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 194558, 3 |

**Learning Outcome**
Be understood by native speakers accustomed to dealing with non-native speakers.

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 195434, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 195435, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 195436, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

## AFRIK 311R - Third-Year Conversation

### Course Information

**Teaching Area (new)**
AFRIK
**Course Number**
311R
**Teaching Area**
AFRIK
**Course Title**
Third-Year Conversation
**Course Description**
Advanced conversational skills in Afrikaans

## AFRIK 321 - Advanced Grammar: Afrikaans

### Course Information

**Teaching Area (new)**
AFRIK
**Course Number**
321
**Teaching Area**
AFRIK
**Course Title**
Advanced Grammar: Afrikaans
**Course Description**
Systematic review of grammar and syntax of Afrikaans

Advanced conversational skills in Afrikaans.

**Department**
Language Studies

**When Taught**
Contact Department

## Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- AFRIK 202 - Second-Year Afrikaans

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 193376, 4 |

**Learning Outcome**
Be understood by native speakers unaccustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Conversations | 193377, 1 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities and current events; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions

| Title | Tags |
|---|---|
| Organized Speech | 193378, 2 |

**Learning Outcome**
Begin to speak in "oral paragraphs."

| Title | Tags |
|---|---|
| Strategies | 193381, 3 |

**Learning Outcome**
Apply appropriate strategies to deal with unpredictable

Systematic review of grammar and syntax of Afrikaans.

**Department**
Language Studies

**When Taught**
Contact Department

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- AFRIK 202 - Second-Year Afrikaans

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 195437, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 195438, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 195439, 3 |

**Learning Outcome**
Function as independent learners of the target language

deal with unpredictable language situations.

features of the target language by using proper terms and appropriate resources for language analysis.

## AFRIK 330 - Advanced Language Proficiency Through Cultural Studies: Afrikaans

### Course Information

**Teaching Area (new)**
AFRIK

**Course Number**
330

**Teaching Area**
AFRIK

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Afrikaans

**Course Description**
Study of Afrikaans culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Afrik 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 195453, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

## AFRIK 340 - Introduction to Literature: Afrikaans

### Course Information

**Teaching Area (new)**
AFRIK

**Course Number**
340

**Teaching Area**
AFRIK

**Course Title**
Introduction to Literature: Afrikaans

**Course Description**
Advanced study of literature of Afrikaans. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- AFRIK 330 - Advanced Language Proficiency Through Cultural Studies: Afrikaans

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 195457, 1 |

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 195457, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Comprehension | 195454, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Key Characteristics | 195458, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195455, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| Context | 195459, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| General Education Requirements | 195456, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

| Title | Tags |
| --- | --- |
| Language Skills | 195460, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## AFRIK 350 - Advanced Language Study for Career Purposes: Afrikaans

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AFRIK | 350 |

**Teaching Area**
AFRIK
**Course Title**
Advanced Language Study for Career Purposes: Afrikaans
**Course Description**
Concentration on target-language and target-culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

## AKAN 100 - Language Study: Akan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AKAN | 100 |

**Teaching Area**
AKAN
**Course Title**
Language Study: Akan
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Akan.
**Department**
Language Studies
**When Taught**
Contact Department

**Credit Hours**

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- AFRIK 330 - Advanced Language Proficiency Through Cultural Studies: Afrikaans

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 195461, 1 |

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 195462, 2 |

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 195463, 3 |

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
|---|---|
| Speaking | 195466, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 195467, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 195468, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

| Title | Tags |
| --- | --- |
| Communicative Competence | 195464, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195465, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## AKAN 101 - First-Year Language Study: Akan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AKAN | 101 |

**Teaching Area**
AKAN
**Course Title**
First-Year Language Study: Akan
**Course Description**
Beginning speaking, listening, reading, and writing skills in Akan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

## AKAN 102 - First-Year Language Study: Akan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AKAN | 102 |

**Teaching Area**
AKAN
**Course Title**
First-Year Language Study: Akan
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Akan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 195469, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195470, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195471, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195472, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- AKAN 101 - First-Year Language Study: Akan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 195473, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195474, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195475, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195476, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

# AKAN 201 - Second-Year Language Study: Akan

## Course Information

**Teaching Area (new)**
AKAN

**Course Number**
201

**Teaching Area**
AKAN

**Course Title**
Second-Year Language Study: Akan

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Akan.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- AKAN 102 - First-Year Language Study: Akan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 195477, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

# AKAN 202 - Second-Year Language Study: Akan

## Course Information

**Teaching Area (new)**
AKAN

**Course Number**
202

**Teaching Area**
AKAN

**Course Title**
Second-Year Language Study: Akan

**Course Description**
Continued emphasis on Akan communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- AKAN 201 - Second-Year Language Study: Akan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 195481, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-

| Title | Tags |
| --- | --- |
| Vocabulary | 195478, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 195479, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 195480, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 195482, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195483, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195484, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## AKAN 305 - Language Skills Development: Akan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AKAN | 305 |

**Teaching Area**
AKAN
**Course Title**
Language Skills Development: Akan
**Course Description**
Increasing proficiency in one or more of the following Akan language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**

## AKAN 321 - Advanced Grammar: Akan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AKAN | 321 |

**Teaching Area**
AKAN
**Course Title**
Advanced Grammar: Akan
**Course Description**
Systematic review of grammar and syntax of Akan.
**Department**
Language Studies
**When Taught**
Contact Department

Department
Language Studies
When Taught
Contact Department

**Credit Hours**

Min
1

Fixed
4

Other Prerequisites
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 195485, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 195486, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 195487, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- AKAN 202 - Second-Year Language Study: Akan

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 195488, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 195489, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 195490, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## AKAN 330 - Advanced Language Proficiency Through Cultural Studies: Akan

### Course Information

**Teaching Area (new)**
AKAN
**Course Number**
330
**Teaching Area**
AKAN
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Akan
**Course Description**
Study of Akan culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Akan 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 195440, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 195441, 2 |

**Learning Outcome**

## AKAN 340 - Introduction to Literature: Akan

### Course Information

**Teaching Area (new)**
AKAN
**Course Number**
340
**Teaching Area**
AKAN
**Course Title**
Introduction to Literature: Akan
**Course Description**
Advanced study of literature of Akan literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- AKAN 330 - Advanced Language Proficiency Through Cultural Studies: Akan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 195444, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195442, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195443, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 195445, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 195446, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skill | 195447, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## AKAN 350 - Advanced Language Study for Career Purposes: Akan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AKAN | 350 |

**Teaching Area**
AKAN
**Course Title**
Advanced Language Study for Career Purposes: Akan
**Course Description**
Concentration on Akan language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## ALBAN 100 - Language Study: Albanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ALBAN | 100 |

**Teaching Area**
ALBAN
**Course Title**
Language Study: Albanian
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Albanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- AKAN 330 - Advanced Language Proficiency Through Cultural Studies: Akan

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 195448, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 195449, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 195450, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 195451, 4 |

**Learning Outcome**
Communicate effectively at the

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 195491, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 195492, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 195493, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195452, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## ALBAN 101 - First-Year Language Study: Albanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ALBAN | 101 |

**Teaching Area**
ALBAN
**Course Title**
First-Year Language Study: Albanian
**Course Description**
Beginning speaking, listening, reading, and writing skills in Albanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

## ALBAN 102 - First-Year Language Study: Albanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ALBAN | 102 |

**Teaching Area**
ALBAN
**Course Title**
First-Year Language Study: Albanian
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Albanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 195494, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195495, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195496, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195497, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ALBAN 101 - First-Year Language Study: Albanian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 195498, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195509, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195511, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195513, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## ALBAN 201 - Second-Year Language Study: Albanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

## ALBAN 202 - Second-Year Language Study: Albanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

ALBAN 201

**Teaching Area**
ALBAN
**Course Title**
Second-Year Language Study: Albanian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Albanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ALBAN 102 - First-Year Language Study: Albanian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 195516, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 195519, 2 |

**Learning Outcome**
Broaden vocabulary for both

ALBAN 202

**Teaching Area**
ALBAN
**Course Title**
Second-Year Language Study: Albanian
**Course Description**
Continued emphasis on Albanian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ALBAN 201 - Second-Year Language Study: Albanian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

| Title | Tags |
|---|---|
| Communication Skills | 195529, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|

Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 195523, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 195527, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

| Title | Tags |
| --- | --- |
| Comprehension | 195530, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195531, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195532, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## ALBAN 305 - Language Skills Development: Albanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ALBAN | 305 |

**Teaching Area**
ALBAN
**Course Title**
Language Skills Development: Albanian
**Course Description**
Increasing proficiency in one or more of the following Albanian language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

## ALBAN 321 - Advanced Grammar: Albanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ALBAN | 321 |

**Teaching Area**
ALBAN
**Course Title**
Advanced Grammar: Albanian
**Course Description**
Systematic review of grammar and syntax of Albanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**

Min
1

Fixed
4

Other Prerequisites
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 195535, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 195540, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195542, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ALBAN 202 - Second-Year Language Study: Albanian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 195543, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 195544, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 195546, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## ALBAN 330 - Advanced Language Proficiency Through Cultural Studies: Albanian

## ALBAN 340 - Introduction to Literature: Albanian

# Albanian

## Course Information

**Teaching Area (new)**
ALBAN

**Course Number**
330

**Teaching Area**
ALBAN

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Albanian

**Course Description**
Study of Albanian culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Alban 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 195550, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 195555, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well

## Course Information

**Teaching Area (new)**
ALBAN

**Course Number**
340

**Teaching Area**
ALBAN

**Course Title**
Introduction to Literature: Albanian

**Course Description**
Advanced study of Albanian literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ALBAN 330 - Advanced Language Proficiency Through Cultural Studies: Albanian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 195574, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 195580, 2 |

**Learning Outcome**

educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195560, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195567, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 195584, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 195595, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## ALBAN 350 - Advanced Language Study for Career Purposes: Albanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ALBAN | 350 |

**Teaching Area**
ALBAN
**Course Title**
Advanced Language Study for Career Purposes: Albanian
**Course Description**
Concentration on Albanian language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## AM ST 300 - Literature and Cultures of the American West

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AM ST | 300 |

**Teaching Area**
AM ST
**Course Title**
Literature and Cultures of the American West
**Course Description**
Literature and cultural representations of the American West and the frontier.
**Department**
Kennedy Center for International Studies
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ALBAN 330 - Advanced Language Proficiency Through Cultural Studies: Albanian

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 195602, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 195605, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 195608, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 195612, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Research and Writing | 191336, 11 |

**Learning Outcome**
Form a research strategy, independently locate relevant digital and print sources, and draw upon these to develop an effective written argument pertinent to the literature and cultures of the American West.

| Title | Tags |
|---|---|
| Writing | 191337, 14 |

**Learning Outcome**
Produce polished, competent, formal writing, free from distracting errors in mechanics, syntax, and formatting, and in accordance with MLA formatting and citation guidelines.

| Title | Tags |
|---|---|
| One | 199826, 1 |

**Learning Outcome**
Students will be able to cite major texts of western American literature and theory to support logical arguments about western literature and culture.

| Title | Tags |
|---|---|
| Two | 199833, 2 |

**Learning Outcome**
Students will be able to place a variety of western literary texts within historical, religious, environmental, social, and literary contexts, considering the American West as a distinct US region and as an engine in the construction of broader American and international cultures.

| Title | Tags |
|---|---|

are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195616, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

| | |
| --- | --- |
| Three | 199835, 3 |

**Learning Outcome**
Students will be able to persuasively communicate their mastery of major historical and conceptual themes and issues that are distinctive to the study of the American West demonstrating competence with written conventions of the field.

## AM ST 301 - Western American Studies Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AM ST | 301 |

**Teaching Area**
AM ST
**Course Title**
Western American Studies Seminar
**Course Description**
Advanced interdisciplinary seminar to deepen regional awareness and understanding of the American West.
**Department**
Kennedy Center for International Studies
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## AM ST 303 - American Studies History and Theory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AM ST | 303 |

**Teaching Area**
AM ST
**Course Title**
American Studies History and Theory
**Course Description**
Offers a historical, theoretical, and practical overview of the discipline of American Studies.
**Department**
Kennedy Center for International Studies
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| One | 199871, 0 |

**Learning Outcome**

In this course, students will gain insights into the field of American Studies that will orient them as they, outside of class, create and tweak their plans of study and pursue extra-curricular activities. These insights into the discipline of American Studies will also help students to maintain a sense of themselves as American Studies majors even as they are enrolled in courses taught in other disciplines.

| Title | Tags |
| --- | --- |
| Two | 199872, 1 |

**Learning Outcome**

Through a series of readings, discussions, and writing assignments, this course affords students a view of American Studies as a coherent field with its own disciplinary history and preoccupations. These activities will also help students gain a knowledge of the ways in which the field of American Studies has been interdisciplinary, drawing intellectual energy from history, literary studies, anthropology, feminist studies, and other fields

| Title | Tags |
| --- | --- |
| Three | 199873, 2 |

**Learning Outcome**

In this course, students will think systematically about the ways American Studies scholars analyze various aspects of American culture. Students will also put these thoughts into practice

| Title | Tags |
| --- | --- |
| Four | 199874, 3 |

**Learning Outcome**

American Studies graduates will be able to formulate both their oral and written arguments coherently, support them clearly, and communicate them effectively to their audiences using correct conventions of language and some stylistic flair- all according to the best practices of the variety of disciplines and situations in which they are

engaged. In this course, students will present oral arguments; they will also write two formal papers.

## AM ST 304 - American Studies Methodologies and Writing Practices

### Course Information

**Teaching Area (new)**
AM ST

**Course Number**
304

**Teaching Area**
AM ST

**Course Title**
American Studies Methodologies and Writing Practices

**Course Description**
Offers students a practical grounding in American Studies methodologies and approaches to writing.

**Department**
Kennedy Center for International Studies

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- AM ST 303 - American Studies History and Theory

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Analyze Rigorously | 199875, 1 |

**Learning Outcome**
Students will be able to read

## AM ST 360 - Film in American Culture

### Course Information

**Teaching Area (new)**
AM ST

**Course Number**
360

**Teaching Area**
AM ST

**Course Title**
Film in American Culture

**Course Description**
Selected readings, lectures, and analysis of specific motion pictures as social documents, reflecting different facets of the American experience.

**Department**
Kennedy Center for International Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| One | 199747, 1 |

**Learning Outcome**
Students will be able to define and analyze a selected group of American films using methods and perspectives drawn from American Studies and film studies, and by the end of the semester will be able to apply those methods and perspectives to a broader range of films.

| Title | Tags |
| --- | --- |
| Two | 199748. 2 |

critically and analyze a variety of cultural texts and artifacts using the theoretical approaches central to the field of American Studies. Students will develop the skills necessary to analyze their peers' writing and their own writing with an eye towards composition and revision.

| Title | Tags |
| --- | --- |
| Communicate Persuasively | 199876, 2 |

**Learning Outcome**
Students will construct a conference length (8-10 page) paper employing purposeful rhetorical moves, responsible research strategies, and American Studies methods to develop a coherent and logical argument that makes a significant claim. Students will mature as writers as they devise productive and flexible individual and collaborative processes of writing, including methods for gathering evidence, organizing their argument, prewriting, drafting, revising, editings, proofreading, and peer reviewing.

| Title | Tags |
| --- | --- |
| Engage Disciplinarily and Interdisciplinarily | 199877, 0 |

**Learning Outcome**
Students will be able to define American Studies as a distinct discipline with its own intellectual history, analytical strategies, and scholarly methodologies even as they draw from and converse with other disciplines examining the American experience.

**Learning Outcome**
Students will be able to rigorously analyze thematically or chronologically selected films to gain insight into American culture and American experience.

| Title | Tags |
| --- | --- |
| Three | 199749, 3 |

**Learning Outcome**
Students will formulate clearly and persuasively supported arguments using best practices in the study of film and American culture.

| Title | Tags |
| --- | --- |
| Three | 199824, 2 |

**Learning Outcome**
Students will formulate clearly and persuasively supported arguments using best practices in the study of film and American culture.

| Title | Tags |
| --- | --- |
| Two | 199828, 1 |

**Learning Outcome**
Students will be able to rigorously analyze thematically or chronologically selected films to gain insight into American culture and American experience.

| Title | Tags |
| --- | --- |
| One | 199834, 0 |

**Learning Outcome**
Students will be able to define and analyze a selected group of American films using methods and perspectives drawn from American Studies and film studies, and by the end of the semester will be able to apply those methods and perspectives to a broader range of films.

## AM ST 390R - Topics in American Studies

## AM ST 392R - American Studies Lecture Series: Presentations on American

## Course Information

**Teaching Area (new)**
AM ST

**Course Number**
390R

**Teaching Area**
AM ST

**Course Title**
Topics in American Studies

**Course Description**
Multidisciplinary study of a carefully defined problem in American culture. Topics vary.

**Department**
Kennedy Center for International Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
One

**Tags**
199750, 1

**Learning Outcome**
Students will be able to employ disciplinary and interdisciplinary perspectives to address a key problem or question in American culture.

**Title**
Two

**Tags**
199751, 2

**Learning Outcome**
Students will, in a variety of written assignments, rigorously analyze cultural and textual research sources.

**Title**
Three

**Tags**
199752, 3

**Learning Outcome**
Students will be able to communicate persuasively in oral and written forms following

## Series: Presentations on American Studies/Western American Studies

## Course Information

**Teaching Area (new)**
AM ST

**Course Number**
392R

**Teaching Area**
AM ST

**Course Title**
American Studies Lecture Series: Presentations on American Studies/Western American Studies

**Course Description**
Introduce research in American Studies and Western American Studies. Speakers from BYU and other institutions share their research. Students engage with lecturers by developing questions, then evaluate and write about ideas.

**Department**
Kennedy Center for International Studies

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Engage Disciplinarily and Interdisciplinarily

**Tags**
199753, 1

**Learning Outcome**
Students will be introduced to the latest research in American Studies and Western American Studies by attending a weekly lecture series.

**Title**
Thinking Critically

**Tags**
199754, 2

**Learning Outcome**
Students will be able engage with the lecturers by asking questions and responding to teach lecture.

oral and written forms following the conventions of the field.

| Title | Tags |
| --- | --- |
| Two | 199805, 1 |

Learning Outcome
Students will, in a variety of written assignments, rigorously analyze cultural and textual research sources.

| Title | Tags |
| --- | --- |
| Three | 199820, 2 |

Learning Outcome
Students will be able to communicate persuasively in oral and written forms following the conventions of the field.

| Title | Tags |
| --- | --- |
| One | 199823, 0 |

Learning Outcome
Students will be able to employ disciplinary and interdisciplinary perspectives to address a key problem or question in American culture.

| Title | Tags |
| --- | --- |
| Analyze Rigorously | 199755, 3 |

Learning Outcome
Students will be able to evaluate and write clearly about the ideas presented in the lectures.

| Title | Tags |
| --- | --- |
| Engage Disciplinarily and Interdisciplinarily | 199807, 0 |

Learning Outcome
Students will be introduced to the latest research in American Studies and Western American Studies by attending a weekly lecture series.

| Title | Tags |
| --- | --- |
| Analyze Rigorously | 199816, 2 |

Learning Outcome
Students will be able to evaluate and write clearly about the ideas presented in the lectures.

| Title | Tags |
| --- | --- |
| Thinking Critically | 199829, 1 |

Learning Outcome
Students will be able engage with the lecturers by asking questions and responding to teach lecture.

## AM ST 399R - Academic Internship

### Course Information

Teaching Area (new)
AM ST
Course Number
399R
Teaching Area
AM ST
Course Title
Academic Internship
Course Description
Examining the American experience from a variety of standpoints. Honing skills in writing; literary criticism; historical research; and social, political, and economic analysis.
Department
Kennedy Center for International Studies
When Taught
All Semesters/Terms

### Credit Hours

## AM ST 490 - Senior Capstone

### Course Information

Teaching Area (new)
AM ST
Course Number
490
Teaching Area
AM ST
Course Title
Senior Capstone
Course Description
In-depth review of American Studies theories, methods, and criticism; content varies; requires original research and substantial writing of paper intended for publication.
Department
Kennedy Center for International Studies
When Taught
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
6

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Program coordinator's consent.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| One | 199756, 1 |

**Learning Outcome**
Using available resources, students will be able to work independently to arrange and complete an internship that will help them explore post-graduation career possibilities.

| Title | Tags |
| --- | --- |
| Two | 199757, 2 |

**Learning Outcome**
Students will be able to analyze and act in accord with the conventions, texts, and/or artifacts of the field in which they arrange their internship; they will develop a fuller understanding of regional, national, and/or international modes of American experience.

| Title | Tags |
| --- | --- |
| Three | 199758, 3 |

**Learning Outcome**
Students will improve their oral and written skills according to the best practices of the internship situation in which they are engaged, as evaluated by internship supervisors and coordinators.

| Title | Tags |
| --- | --- |

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- AM ST 303 - American Studies History and Theory
  **AND** AM ST 304 - American Studies Methodologies and Writing Practices

**Additional Comments:**

**Other Prerequisites**
Senior status or program coordinator's consent

| Title | Tags |
| --- | --- |
| Engage Disciplinarily and Interdisciplinarily | 199759, 1 |

**Learning Outcome**
Through class discussions and writing activities, students will be able to demonstrate a fluency in the disciplinary trends of American Studies, an understanding of the field's inherent interdisciplinarity, and an ability to draw upon knowledge that they have acquired in courses taken in other disciplines.

| Title | Tags |
| --- | --- |
| Analyze Rigorously | 199760, 2 |

**Learning Outcome**
Students will be able to demonstrate high proficiency in reading critically and analyzing primary historical, secondary historical, theoretical, and critical texts. Students will exhibit this high proficiency through engaging in the

| | |
|---|---|
| Two | 199825, 1 |

**Learning Outcome**
Students will be able to analyze and act in accord with the conventions, texts, and/or artifacts of the field in which they arrange their internship; they will develop a fuller understanding of regional, national, and/or international modes of American experience.

| Title | Tags |
|---|---|
| One | 199827, 0 |

**Learning Outcome**
Using available resources, students will be able to work independently to arrange and complete an internship that will help them explore post-graduation career possibilities.

| Title | Tags |
|---|---|
| Three | 199830, 2 |

**Learning Outcome**
Students will improve their oral and written skills according to the best practices of the internship situation in which they are engaged, as evaluated by internship supervisors and coordinators.

methods central to the field of American Studies: textual analysis, archive building, institutional contextualization, and theorizing.

| Title | Tags |
|---|---|
| Communicate Persuasively | 199761, 3 |

**Learning Outcome**
Capstone participants will be able to formulate both their oral and written arguments coherently, support them clearly, and communicate them effectively to their audiences using correct conventions of language, style, and the best practices of the discipline.

| Title | Tags |
|---|---|
| Work Independently | 199762, 4 |

**Learning Outcome**
Students will be able to develop their own research project (formulate a sophisticated research question, independently conduct primary and secondary research, and employ the writing skills they have developed over the course of the major) in order to write an original 15–20 page research paper in the last third of the course.

| Title | Tags |
|---|---|
| Engage Disciplinarily and Interdisciplinarily | 199802, 1 |

**Learning Outcome**
Through class discussions and writing activities, students will be able to demonstrate a fluency in the disciplinary trends of American Studies, an understanding of the field's inherent interdisciplinarity, and an ability to draw upon knowledge that they have acquired in courses taken in other disciplines.

| Title | Tags |
|---|---|
| Communicate Persuasively | 199815, 3 |

**Learning Outcome**
Capstone participants will be able to formulate both their oral

and written arguments coherently, support them clearly, and communicate them effectively to their audiences using correct conventions of language, style, and the best practices of the discipline.

| Title | Tags |
| --- | --- |
| Analyze Rigorously | 199818, 2 |

**Learning Outcome**
Students will be able to demonstrate high proficiency in reading critically and analyzing primary historical, secondary historical, theoretical, and critical texts. Students will exhibit this high proficiency through engaging in the methods central to the field of American Studies: textual analysis, archive building, institutional contextualization, and theorizing.

| Title | Tags |
| --- | --- |
| Work Independently | 199841, 3 |

**Learning Outcome**
Students will be able to develop their own research project (formulate a sophisticated research question, independently conduct primary and secondary research, and employ the writing skills they have developed over the course of the major) in order to write an original 15–20 page research paper in the last third of the course.

## ANES 201 - Introduction to Ancient Near Eastern Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ANES | 201 |

**Teaching Area**
ANES
**Course Title**
Introduction to Ancient Near Eastern Studies
**Course Description**
Historical background, research skills, and methods of academic inquiry relevant to ancient Near Eastern Studies.
**Department**
Internationl&Area Studies

## ANES 310 - History and Culture of Ancient Israel

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ANES | 310 |

**Teaching Area**
ANES
**Course Title**
History and Culture of Ancient Israel
**Course Description**
Israelite history and culture in Canaan/Israel from c. 2000 B.C. to A.D. 200. Methodology for using the Bible in historical research.
**Department**
Internationl&Area Studies

**When Taught**
Fall

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Intro to and Challenges within ANES Scholarship | 199925, 2 |

**Learning Outcome**
Introduce students to the issues in the study of the Ancient Near East that have an impact on understanding the Hebrew Bible and the New Testament, including a discussion on the challenges "believing" students face, LDS in particular. This will include a discussion of some of the ethical issues in current scholarship.

| Title | Tags |
| --- | --- |
| Developing ANES skills | 199926, 3 |

**Learning Outcome**
Help students critically read, discuss, research and write about ancient texts with methodological rigor and academic integrity.

| Title | Tags |
| --- | --- |
| Survey ANES history, culture and major texts | 200130, 4 |

**Learning Outcome**
Introduce students to the field of Ancient Near Eastern Studies, including the historical and geographical breadth from 3000 b.c.e. down to 600 c.e., the development of the field of

**When Taught**
Fall Odd Years

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- HIST 238 - Ancient Near East to 330 BC

Prerequisites

**Complete ALL of the following Courses:**

- HIST 239 - Ancient Near East, 330 BC - 640 AD

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Factual knowledge about history and culture | 199927, 1 |

**Learning Outcome**
Students will know and be able to interpret the significant events and developments in the history of ancient Israel within the large context of the ANE, and know and be able to interpret the main features of the culture of ancient Israel, based on textual and artifactual data.

| Title | Tags |
| --- | --- |
| Historical value of the Bible | 199928, 2 |

**Learning Outcome**
Be able to analyze and discuss the

study, the major texts and their standard editions, research skills, major terms, and employment possibilities.

Be able to analyze and discuss the value and limitations of the Bible as a reliable source of historical information, and be able to relate and analyze major opinions on this issue in the field of biblical studies.

| Title | Tags |
| --- | --- |
| Research and Writing | 199929, 3 |

**Learning Outcome**
Be able to research, analyze, and write clearly and persuasively about the issues just listed.

| Title | Tags |
| --- | --- |
| Researcher approach and bias | 199930, 4 |

**Learning Outcome**
Have considred how their own faith-views impact their approach to certain of the issues just listed.

## ANES 331 - Readings in Ancient Near Eastern Texts to 330 B.C

### Course Information

**Teaching Area (new)**
ANES
**Course Number**
331
**Teaching Area**
ANES
**Course Title**
Readings in Ancient Near Eastern Texts to 330 B.C
**Course Description**
Reading and analysis of major ancient Near Eastern texts in English translation. Methodology for dealing with potential biblical parallels.
**Department**
Internationl&Area Studies
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## ANES 332 - Readings in Classical Near Eastern Texts

### Course Information

**Teaching Area (new)**
ANES
**Course Number**
332
**Teaching Area**
ANES
**Course Title**
Readings in Classical Near Eastern Texts
**Course Description**
Reading and analyzing major ancient Near Eastern texts in English translation. Methodology for dealing with potential biblical parallels.
**Department**
Internationl&Area Studies
**When Taught**
Fall Even Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HIST 238 - Ancient Near East to 330 BC

**Additional Comments:**

| Title | Tags |
|---|---|
| Working with Texts | 199931, 1 |

**Learning Outcome**
Students will be able to competently read, analyze, and communicate about ANE texts.

| Title | Tags |
|---|---|
| Contextualizing Texts | 199932, 2 |

**Learning Outcome**
Extrapolate cultural and historical information from primary texts, while accurately placing them in their original historical and cultural context.

| Title | Tags |
|---|---|
| Scholarship on ANE Texts | 199933, 3 |

**Learning Outcome**
Critically analyze and write about scholarly theories on major ANE texts.

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Scholarship on Classical Near Eastern Texts | 199934, 3 |

**Learning Outcome**
Critically analyze and write about scholarly theories on major Classical Near Eastern texts.

| Title | Tags |
|---|---|
| Contextualizing Texts | 199935, 2 |

**Learning Outcome**
Extrapolate cultural and historical information from primary texts, while accurately placing them in their original historical and cultural context.

| Title | Tags |
|---|---|
| Working with Texts | 199936, 1 |

**Learning Outcome**
Students will be able to competently read, analyze, and communicate about Classical Near Eastern texts.

## ANES 353R - Archaeological Fieldwork in the Near East

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ANES | 353R |

**Teaching Area**
ANES
**Course Title**
Archaeological Fieldwork in the Near East
**Course Description**
Archaeological fieldwork and corresponding field school activities in the Near East.
**Department**

## ANES 363 - Hebrew Bible Studies

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ANES | 363 |

**Teaching Area**
ANES
**Course Title**
Hebrew Bible Studies
**Course Description**
Current analytical methods used in academic study and interpretation of the Hebrew Bible.
**Department**
Internationl&Area Studies

Internationl&Area Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
Ancient Near Eastern Studies coordinator's consent

| Title | Tags |
|---|---|
| Fieldwork Experience | 199937, 1 |

**Learning Outcome**
Credit for those students who participate in an authorized "dig" somewhere in the Near East, thus gaining firsthand experience with archaeological techiques, such as excavating, analyzing, and recording data. A written report on the experience is required for academic credit.

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HEB 231 - Second-Year Biblical Hebrew - Grammar and Narrative

**Additional Comments:**

| Title | Tags |
|---|---|
| ANES 363 Student's Approach to Hebrew Bible | 189364, 3 |

**Learning Outcome**
Students will reflect and write about their own approach to the Hebrew Bible.

| Title | Tags |
|---|---|
| ANES 363 Theories | 200098, 0 |

**Learning Outcome**
Students will be introduced to the variety of interpretative strategies and theories about the Hebrew Bible

| Title | Tags |
|---|---|
| ANES 363 LDS Interpretation | 200102, 1 |

**Learning Outcome**
Students will analyze and interpret passages of scripture from the Hebrew Bible assisted by and comparing LDS and non-

by and comparing LDS and non-LDS sources and approaches.

## ANES 390R - Directed Readings in Ancient Near Eastern Studies

### Course Information

**Teaching Area (new)**
ANES

**Course Number**
390R

**Teaching Area**
ANES

**Course Title**
Directed Readings in Ancient Near Eastern Studies

**Course Description**
Directed individual study of historical topics or ancient texts.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Written plan of study approved by both instructor and program coordinator

| Title | Tags |
|---|---|
| Disciplinary Knowledge | 200133, 1 |

**Learning Outcome**
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

## ANES 392R - Topics in Ancient Near Eastern Studies

### Course Information

**Teaching Area (new)**
ANES

**Course Number**
392R

**Teaching Area**
ANES

**Course Title**
Topics in Ancient Near Eastern Studies

**Course Description**
Topical studies in the ancient Near East based on student interest and faculty expertise.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Research and Methodology | 200125, 1 |

**Learning Outcome**
Students will demonstrate their ability to research and write / present in-depthabout a particular ANE topic, situating it within the larger field of ANES, employing both rigor and academic integrity.

## ANES 430R - Advanced Topics in Ancient Near Eastern Studies.

### Course Information

**Teaching Area (new)**
ANES

**Course Number**
430R

**Teaching Area**
ANES

## ANES 495 - Senior Seminar in Ancient Near Eastern Studies

### Course Information

**Teaching Area (new)**
ANES

**Course Number**
495

**Teaching Area**
ANES

**Course Title**
Advanced Topics in Ancient Near Eastern Studies.
**Course Description**
Seminar involving in-depth examination of an ancient Near Eastern topic and then writing about it.
**Department**
Internationl&Area Studies
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Research and Methodology | 199938, 1 |

**Learning Outcome**
Students will demonstrate at a senior level their ability to research and write / present in-depth about a particular ANE topic, situating it within the larger field of ANES, employing both rigor and academic integrity.

**Course Title**
Senior Seminar in Ancient Near Eastern Studies
**Course Description**
Capstone seminar utilizing research, analytical, and writing skills to produce a senior research paper on an ancient Near Eastern topic.
**Department**
Internationl&Area Studies
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Presentation and Peer Review | 199939, 2 |

**Learning Outcome**
Students will learn how to better present their own research and do quality peer review of other's work.

| Title | Tags |
| --- | --- |
| Publishing and Presenting | 199940, 3 |

**Learning Outcome**
Students will learn how to navigate and understand the publishing process, includinghow to solicit publication of work and how to find scholarly symposia and other suitable venues to present their research.

| Title | Tags |
| --- | --- |
| Research and Methodology | 199941, 1 |

**Learning Outcome**
Students will be able to do rigorous research in the area of their academic specialty that will result in a 20-25 page publishable senior paper, which, in turn, should prepare the

in turn, should prepare the student for further graduate work.

## ANTHR 101 - Social/Cultural Anthropology

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
101

**Teaching Area**
ANTHR

**Course Title**
Social/Cultural Anthropology

**Course Description**
Aspects of society and culture: kinship, beliefs, economy, and political order among peoples worldwide. Methods and perspectives used in social/cultural anthropology.

**Department**
Anthropology

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through registration envelopes. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required.

| Title | Tags |
|---|---|
| Social/Cultural Anthropology | 181701, 1 |

**Learning Outcome**

Come to understand culture as a way of interpreting experience, and realize that culture informs both social life and individual psychology, shaping and coloring how people perceive and act in the world.
Grasp the social scientific

## ANTHR 103 - Archaeology Field Trip

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
103

**Teaching Area**
ANTHR

**Course Title**
Archaeology Field Trip

**Course Description**
Field trip to archaeological sites in Utah and the Four Corners region.

**Department**
Anthropology

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Fee**
200

**Note**
Meet twice weekly prior to trip. Students responsible for food and camping costs. Limited enrollment

| Title | Tags |
|---|---|
| Archaeological Field Visits | 181909, 0 |

**Learning Outcome**
Students will visit major archaeological sites in the Southwestern United States and appreciate prehistoric cultural developments in the region.

principles and reasoning involved in ethnography, and recognize the value, limitations, and ethical implications of this way of making sense of social conduct.
Acquire an informed awareness of other cultural worlds-an appreciation of other ways of being human-of believing, behaving, and belonging, including their kinship organization and ritual, economic, and political practices.

Learn to see personal beliefs, values, attitudes, and conduct-including kinship organization and ritual, economic and political practices-from the perspective of people with different ideas about the way the world works.

Develop an increased ability to write effectively.

| Title | Tags |
| --- | --- |
| Self-Examination | 181900, 2 |

**Learning Outcome**
You will learn to do hard things.

| Title | Tags |
| --- | --- |
| The Aims of BYU Education | 181901, 3 |

**Learning Outcome**
The Aims of a BYU Education stipulates that students cultivate an informed awareness of the peoples, cultures, languages, and nations of the world. The Global and Cultural Awareness requirement enhances that awareness with a greater understanding and appreciation of the varieties of human experience across time and space. Inherent in the notion of global and cultural awareness is the perspective that we are all spiritual offspring of the same God, that in addition to our common humanity we also possess a nascent divinity. The Global and Cultural Awareness requirement seeks to help BYU students come not only to see the relativity of many of their own, culturally-derived notions but also to go forth to serve, having had meaningful discussion about

had meaningful discussion about or hands-on experience in dealing with real world global issues and problems.

1. Students will acquire informed awareness of either a) a culture outside their own, or b) the interplay of cultures, languages, and/or nations at an international level.

2. Students will experience thoughtful reflection on the above, as demonstrated in a structured, guided manner under the direction of a faculty member. Evidence of reflection implies written or spoke analysis that will include a consideration of the student,??s own responses to the culture or global issue, often involving comparison, and will demonstrate informed awareness.

3. Students will develop greater empathy and charity, and begin to gain a global perspective, by learning to see themselves from another,??s point of view.
"

## ANTHR 110 - Discovering Archaeology

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
110

**Teaching Area**
ANTHR

**Course Title**
Discovering Archaeology

**Course Description**
Studying past human behaviors and cultures by applying scientific principles and reasoning; exploring case studies concerning archaeological discoveries.

**Department**
Anthropology

**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## ANTHR 150 - Introduction to the Major

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
150

**Teaching Area**
ANTHR

**Course Title**
Introduction to the Major

**Course Description**
Overview of anthropology major and graduation requirements; preparing for senior thesis sequence; career opportunities; and graduate school application process.

**Department**
Anthropology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

Fixed
3

Fixed
1

## Lab Hours

Fixed
0

## Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Learning Objectives | 181911, 1 |

Learning Outcome
This course helps students to learn the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process. At the same time, students will learn to appreciate the excitement of discovery that has accompanied important scientific developments while engaging with global cultures whose developments have changed the face of humankind throughout time. Students will learn how scientific methodology can be used to analyze real world problems, including societal issues that can be informed by studies of past cultures. Students will become adept at evaluating scientific data and claims in order to make informed decisions on public-policy science issues that affect their community.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 181912, 2 |

Learning Outcome
This course also helps students cultivate an informed awareness of the peoples, cultures, languages, and nations of the world, gaining a greater understanding and appreciation of the varieties of human experience across time and space. This understanding is vital to fulfilling the Lord's injunction to understand "things both in heaven and in the earth, and under the earth; things which have been, things which are... things which are abroad; the wars and the perplexities of the nations, and the judgements which are on the land; and a knowledge also of countries and of kingdoms" (D&C 88:79).

| Title | Tags |
| --- | --- |
| Introduction to Basic Theories and Methodologies | 181672, 1 |

Learning Outcome
Students in this course will gain an introductory level understanding of the basic assumptions of the disciplines of Anthropology and Archaeology as well as their historical development along with examples of applications of various methodologies in the field.

| Title | Tags |
| --- | --- |
| Expectations | 181902, 2 |

Learning Outcome
On completion of the course students should be

Familiar with the scope of the Anthropology major, its requirements, and ways of fulfilling these
Have a viable Career track plan
Have a viable Graduate School plan
Have a revised and approved MAP for their time at BYU and have met with their Faculty Advisor
Be aware of the Field School requirements and options for both Archaeology and SocioCultural tracks
Be acquainted with Faculty
Have participated in a designated service project

| Title | Tags |
| --- | --- |
| Course Objectives | 181913, 3 |

**Learning Outcome**
As students complete the course they will learn to communicate their thoughts on various social and scientific topics clearly and meaningfully. Assignments, activities, and discussions include opportunities for students to practice the appropriate use of basic scientific vocabulary and effective interpretation of quantitative data, as well as reflect rationally upon the interface between science, society, and religion. Through the intensive study of examples of peoples in times and places other than their own, students will gain a greater awareness of global cultures outside of their own, thus helping them to develop greater empathy and charity for people in other parts of the world today.

## ANTHR 201 - Foundations of Social Theory.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ANTHR | 201 |

**Teaching Area**
ANTHR
**Course Title**
Foundations of Social Theory.
**Course Description**
In this course, students will be able to explain and understand the theoretical and philosophical antecedents of modern social theory, including such pivotal thinkers as Adam Smith, Karl Marx, Max Weber, Emile Durkheim, and Sigmund Freud. Students will grasp how these thinkers are pivotal to the discipline of anthropology.
**Department**
Anthropology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## ANTHR 202 - Foundations of Anthropological Theory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ANTHR | 202 |

**Teaching Area**
ANTHR
**Course Title**
Foundations of Anthropological Theory
**Course Description**
This class will introduce students to the ideas of foundational thinkers in cultural and archaeological anthropology from the beginning of the 20th century up to the present day. Students will be expected to apply these thinkers' ideas to their own research projects.
**Department**
Anthropology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Anthropological Theory | 181807, 0 |

Learning Outcome
This course will lead to four learning outcomes: 1) knowledge of the foundational theorists of social science; 2) personal skills in evaluating the relevance and /or applicability of their theories; 3) recognition of the reliance on foundational theory in our world today, and; 4) increased aptitude for critical thinking and expression.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 181834, 3 |

Learning Outcome
Students will gain an increased aptitude for critical thinking and expression.

| Title | Tags |
| --- | --- |
| Social Theory: Research Skills and Methods | 181835, 1 |

Learning Outcome
Students will gain a knowledge of the foundational theorists of social science.

| Title | Tags |
| --- | --- |
| Human Cultural Diversity | 181836, 2 |

Learning Outcome
Students will gain personal skills in evaluating the relevance and/or applicability of the theories of the foundational theorists in the social sciences as well as a recognition of the reliance on foundational theory in our world today.

Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 181837, 1 |

Learning Outcome
Students will gain a knowledge of the foundational theorists of both sociocultural and archaeological anthropology, particularly at the turn of the 20th century.

| Title | Tags |
| --- | --- |
| Research Skills and Methods | 181838, 2 |

Learning Outcome
Students will gain personal skills in evaluating the relevance and/or applicability of foundational theorists in sociocultural anthropology and archaeology.

| Title | Tags |
| --- | --- |
| Human Cultural Diversity | 181839, 3 |

Learning Outcome
Students will gain a recognition of our reliance on foundational theory in our world today.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 181840, 4 |

Learning Outcome
Students will gain an increased aptitude for critical thinking and expression through course assigments.

## ANTHR 315 - Archaeological Method and

## ANTHR 200 - Biological Anthropology

## ANTHR 215 - Archaeological Method and Theory

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
215

**Teaching Area**
ANTHR

**Course Title**
Archaeological Method and Theory

**Course Description**
Field and analytic methods and their relevance to data acquisition; use of theory and the relation of theory to methods.

**Department**
Anthropology

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Archaeological Methodology and Theory

**Tags**
181674, 1

**Learning Outcome**
Students will explain basic archaeological theory and methodological practices in the field.

**Title**
Critical Thinking and Understanding

**Tags**
181903, 2

**Learning Outcome**
Students will help engage in critical thinking, research and argumentative writing.

**Learning Outcome**
Students will describe the most important figures in archaeology

## ANTHR 300 - Biological Anthropology

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
300

**Teaching Area**
ANTHR

**Course Title**
Biological Anthropology

**Course Description**
Relationships between human biology, environment, social structure, and culture. Concepts and data on race, primates, evolution, population genetics, growth, and sociobiology.

**Department**
Anthropology

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Course Objectives

**Tags**
181683, 1

**Learning Outcome**
Upon completion of this course, students will be able to analyze humans as bio-cultural beings; living in both acultural and natural setting. Students will also gain a basic understanding of evolutionary concepts in general, and human evolution specifically.

**Title**
Data collection and analysis

**Tags**
181794, 1

**Learning Outcome**
Collect data on race, primates, evolution, population genetics, growth, and sociobiology.

**Title**

| Title | |
|---|---|
| Archaeological History Survery | as well as the major sites world-wide integrated with a chronology of world pre-history and history relevant to archaeological research. |

| Title | Tags |
|---|---|
| Biological and Envronment Relationship | 181800, 0 |

**Learning Outcome**
Develop an understanding of the relationships between human biology, environment, social structure.

## ANTHR 301 - Human Osteology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ANTHR | 301 |

**Teaching Area**
ANTHR
**Course Title**
Human Osteology
**Course Description**
Identification and treatment of skeletal material found in archaeological excavations.
**Department**
Anthropology
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Identification | 213329, 0, 1, 2023-08-28 13:41:01 |

**Learning Outcome**
Students will be able to identify and side all of the bones in the human body.

| Title | Tags |
|---|---|
| Analysis Techniques | 213330, 0, 2, 2023-08-28 13:41:02 |

**Learning Outcome**

## ANTHR 309 - Language, Culture, and Society

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ANTHR | 309 |

**Teaching Area**
ANTHR
**Course Title**
Language, Culture, and Society
**Course Description**
Linguistic anthropology as a way of doing ethnography; language as symbolic form, vehicle of thought, and instrument of social interaction; speech events as cultural texts.
**Department**
Anthropology
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Language, Culture, and Society | 181821, 1 |

**Learning Outcome**

Develop an enhanced understanding of human language.
Prepare to do effective

Students will be able to determine the age and sex of archaeological examples of human skeleton using proper techniques.

| Title | Tags |
| --- | --- |
| Theory | 213331, 0, 3, 2023-08-28 13:41:03 |

**Learning Outcome**
Students will describe legal issues in the handling and disposition of human osteological samples recovered in an archaeological setting, both in the United States and abroad.

| Title | Tags |
| --- | --- |
| Analysis Techniques | 213332, 0, 4, 2023-08-28 13:41:04 |

**Learning Outcome**
Students will be able to determine the stature and handedness of human osteological samples by using a variety of measuring techniques.

| Title | Tags |
| --- | --- |
| Paleopathology | 213333, 0, 5, 2023-08-28 13:41:06 |

**Learning Outcome**
Students will outline the role and effects of disease on the human skeleton and show how to differentiate between various categories of disease in forensic analysis.

Prepare to do effective ethnography, to eventually produce an accurate and insightful interpretation of another system of thought and tradition of communicative practice.
Describe the positions, ideas, and approaches that will most help you to make sense of speech acts and events, or to "interpret social and cultural systems through the manifold lenses afforded by language and speech."
Demonstrate the ability to think soundly, to communicate effectively, and to write a clear and convincing essay.

## ANTHR 311 - Museums and Cultures

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ANTHR | 311 |

**Teaching Area**
ANTHR
**Course Title**
Museums and Cultures
**Course Description**
Role of museums in society. Analyzing museum content, use, and sociology. Visits to and critiques of area museums. Final projects with real museums in the region.
**Department**
Anthropology
**When Taught**
Contact Department

**Credit Hours**

## ANTHR 312 - Intercultural Communication

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ANTHR | 312 |

**Teaching Area**
ANTHR
**Course Title**
Intercultural Communication
**Course Description**
Communication processes as affected by proxemic, kinesic, linguistic, social, institutional, worldview, value differences, and other aspects of culture. Seminar/workshop: theory, research methods, applications.
**Department**
Anthropology

**Credit Hours**

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Course Objectives | 181822, 1 |

Learning Outcome
-This course will give participants a sound foundation in understanding the important roles museums play as cultural symbols in world societies, as well as exploring how individual types of museums becomes unique paradigms of cultural memory, education, and identity.
-This course will give students the opportunity to understand the diverse ways in which societies utilize and conceptualize museums.
-This course will provide students with hands-on final projects involving the collections and institutions of museums in the the Utah Valley region.

| Title | Tags |
| --- | --- |
| Application | 181904, 2 |

Learning Outcome
1. Students will be able to examine museums as institutions, including their social impact and specific exhibitions.
2. Students will be familiar with the major museum fields.
3. Students will learn how to work as a team to give motivating and persuasive presentations.

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Intercultural Communication | 181789, 0 |

Learning Outcome
After taking this course, you should be able to discuss the following questions and to give examples to illustrate your explanations:1. What must we take into account if we want to learn how to communicate appropriately and effectively with members of other societies? 2. How does culture shape communication and social interaction in general?3. What values, beliefs, and attitudes seem to shape the interactions and communications of members of mainstream middle-class American society? And how do these patterns compare and contrast with those of other societies with which you are familiar?

## ANTHR 314 - Museum Registration and Legal/Ethical Issues

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
314

**Teaching Area**
ANTHR

**Course Title**
Museum Registration and Legal/Ethical Issues

**Course Description**
Managing museum collections: cataloging, loans, ethics, legal issues, object handling, basic object conservation. Practical experience working with museum objects and specific museum challenges.

**Department**
Anthropology

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ANTHR 311 - Museums and Cultures

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Collection Disciplines | 181679, 1 |

**Learning Outcome**
Students will be familiar with registration/collections management/collections care disciplines

| Title | Tags |
| --- | --- |

## ANTHR 327 - The Hmong Diaspora: Culture, History, and Language

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
327

**Teaching Area**
ANTHR

**Course Title**
The Hmong Diaspora: Culture, History, and Language

**Course Description**
Ethnographic and historical perspectives on the Hmong diaspora (including China, Vietnam, Laos, Thailand, France, the United States, Australia, and other locations); Hmong language, ritual practice, cultural change and adaptation, and new religious movements.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Technical Writing | 181787, 2 |
|---|---|

**Learning Outcome**
Students will be familiar with technical writing for collections care (mainly object description and condition reporting)

| Title | Tags |
|---|---|
| Collection Management | 181801, 3 |

**Learning Outcome**
Students will be learn basic project management skills in managing collection projects

| Title | Tags |
|---|---|
| Handson Experience | 181802, 1 |

**Learning Outcome**
Students will gain hands-on, real-life experience with museum collections and registration

| Title | Tags |
|---|---|
| Museum Ethics and Laws | 181803, 4 |

**Learning Outcome**
Students will have a basic understanding of museum ethics and laws affecting museum collections

## ANTHR 328 - Andean South America

### Course Information

**Teaching Area (new)**
ANTHR
**Course Number**
328
**Teaching Area**
ANTHR
**Course Title**
Andean South America
**Course Description**
This course will cover archaeological, historical, ethnographic, and art historical perspectives on the development of societies and cultures in the Central Andes from the earliest settlements to the present day, with special focus on archaeology and ethnohistory from ca. 3000 BCAD 1700. \n
**Department**
Anthropology
**When Taught**
Fall Odd Years

### Credit Hours

**Min**

## ANTHR 330 - Peoples of Africa

### Course Information

**Teaching Area (new)**
ANTHR
**Course Number**
330
**Teaching Area**
ANTHR
**Course Title**
Peoples of Africa
**Course Description**
Political, economic, and social organization, family life, language, worldview, religion, ritual, artistic expression, ecological adaptation, and contemporary development issues among rural and urban sub-Saharan peoples.
**Department**
Anthropology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
ANTHR 101

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Course Objectives | 181684, 1 |

**Learning Outcome**
In this course students will learn of the variety of cultures to be found within sub-Saharan Africa as we look at indigenous people in western, eastern and southern Africa. Among the issues examined will be the impact of colonialism, gender and fertility, political and economic systems – particularly the impact of war and acts of violence, as well as health and healing, and belief systems.

| Title | Tags |
| --- | --- |
| Application | 181905, 2 |

**Learning Outcome**
By applying basic Anthropological concepts and theory to the data sets described in the assigned readings and class discussions, students will learn to think anthropologically, to apply the knowledge they have acquired and to analyze and understand human activity, sociality and thought. Additionally they will develop a solid knowledge and understanding of human diversity and cultures within the geographic location. They will also be enhancing their ability to communicate, both orally and in written work.

## ANTHR 336 - Cinema and Culture in India

## ANTHR 340 - Peoples of the Middle East

## Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
336

**Teaching Area**
ANTHR

**Course Title**
Cinema and Culture in India

**Course Description**
Anthropology of film in India; the world's largest film industry. Indian cultural and linguistic diversity. How different film genres reflect, distort, or utilize Indian cultural diversity. Evidences in the film work of Satyajit Ray.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Cultural Diversity and Research Methods

**Tags**
181893, 1

**Learning Outcome**
This course aims to introduce the varied products of the world's largest film industry to students with no specialized knowledge of the subject. The first objective is to survey the linguistic and cultural diversity of India, examining how different genres of Indian film relfect, distort, or utilize this diversity, and contrast them with Western films on India, the perspectives and presuppositions of which are often very different.

**Title**
Interpretations of 'universality.'

**Tags**
181894, 2

**Learning Outcome**
Students will become acquainted

## Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
340

**Teaching Area**
ANTHR

**Course Title**
Peoples of the Middle East

**Course Description**
Ecology, social organization, and beliefs of nomadic, rural, and urban groups between western Africa and Pakistan.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Cultures & Peoples of the Middle East

**Tags**
181668, 1

**Learning Outcome**
Students will gain an introductory level understanding of the variety of cultures, ethnic groups, religious variances, and competing political entities representative of the regions included in the MIddle East. Special emphasis will be placed on applying this knowledge to archaeological and anthropological perspectives, disciplines, and professions.

**Title**
Creative Thinking, Analysis, Research, and Writing Skills

**Tags**
181669, 2

**Learning Outcome**
Through course assignments, students will increase their skills in creative thinking, analysis of data, research, and writing.

with many of the above major themes in more depth by analyzing the work of Satyajit Ray (1921-1992), the Indian film-maker Western critics are most familiar with. Students will learn how the content, style, and objectives of Ray's films were shaped by his intellectural and cultural contexts. Western as well as Indian critics have often portrayed Ray simply as a "univeral humanist" or "transnatioanl auteur." Students in this course will learn how to interpret the universality of Ray's work as a cultural product dialectically related to its unrelenting particularism.

Title
Ecology, social organization, beliefs, nomadic, rural, and u

Tags
181670, 3

Learning Outcome
Through course assignments, students will gain a knowledge and demonstrate their comprehension of the ecologies, social organizations, religious beliefs, and variances between nomadic, rural, and urban groups in the Middle East.

## ANTHR 341 - Ethnonationalism and Southeast Asia

### Course Information

Teaching Area (new)
ANTHR

Course Number
341

Teaching Area
ANTHR

Course Title
Ethnonationalism and Southeast Asia

Course Description
Historical and ethnographic perspectives on social and political dynamics in Southeast Asia, including upland ethnic minority issues, ethnonationalistic movements, geopolitical influences, war, genocide, religious dynamics, and the rise of nationalism in the region.

Department
Anthropology

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## ANTHR 343 - Chinese Culture and Society

### Course Information

Teaching Area (new)
ANTHR

Course Number
343

Teaching Area
ANTHR

Course Title
Chinese Culture and Society

Course Description
Cultural and social institutions of traditional and modern China, including mainland China, Taiwan, Hong Kong, or other areas of Chinese impact.

Department
Anthropology

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title

Tags

Recommended
Anthr 101

| Title | Tags |
| --- | --- |
| Theory Building | 181845, 1 |

Learning Outcome
Through this course, students will engage with some of the more prominent theoretical perspectives on the rise of nationalism, ethnonational dynamics, ethnic differentiation, and conflict.

| Title | Tags |
| --- | --- |
| Cultural Diversity | 181846, 2 |

Learning Outcome
Using the courses' theoretical base, students will engage with ethnographic material on mainland Southeast Asia in order to understand the history of the region in all of its cultural and political diversity.

| Title | Tags |
| --- | --- |
| Critical Thinking Skills | 181847, 3 |

Learning Outcome
Students will hone critical thinking skills through seminar discussions where we critique different theoretical perspectives, apply them to and test them with a variety of Southeast Asian ethnographic materials, and develop theoretical lines of coherence from these different social theorists.

| Title | Tags |
| --- | --- |
| Cultural Diversity | 181848, 4 |

Learning Outcome
Through the assignments of this course, students will also learn to see and therefore critique nationalist consciousness and the politics of statecraft, and apply this crtiique to the ethnographies and historical accounts that we read in the seminar.

| Chinese Culture | 181681, 1 |
| --- | --- |

Learning Outcome
Students will gain knowledge of the varieties of cultures encompassed in the vast domains of China as well as the basic social paradigms of Chinese society. Through this study, students will also gain a basic knowledge of the history of China and its importance in both past and present world contexts.

## ANTHR 344 - Culture, Language, and History

## ANTHR 345 - American Culture

## of Korea

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
344

**Teaching Area**
ANTHR

**Course Title**
Culture, Language, and History of Korea

**Course Description**
Culture, language, and history of Korea. Understanding aspects of Korean culture, such as the particular form of collectivism that is common in Korean culture. Study of Korean history, both recent and long-past, as a way to understand Korean culture today. Study of basic fundamental structures of the Korean language (including the alphabet) to better understand how culture is inflected by language.

**Department**
Anthropology

**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
345

**Teaching Area**
ANTHR

**Course Title**
American Culture

**Course Description**
Perspectives and methods for making sense of mainstream middle-class American society; American ways of being-in-the-world, of believing, behaving, and belonging; American cultural themes.

**Department**
Anthropology

**When Taught**
Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
American Culture

**Tags**
181812, 0

**Learning Outcome**
Develop an enhanced understanding of what it means to be American.Learn how to use the stories Americans tell about themselves as portholes through which to peer into the ordinarily invisible world of American culture.Be able to describe the values, beliefs, and attitudes that shape and color how Americans perceive and act in the world, that inform American social and political life as well as individual psychology.Demonstrate theability to think soundly, to communicate effectively, and to write a clear and convincing memoir of a specific American experience that reveals a particular, readily identifiable aspect of American culture.

## ANTHR 350 - Archaeological Cultures of North America

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
350

**Teaching Area**
ANTHR

**Course Title**
Archaeological Cultures of North America

**Course Description**
Cultural developments of North American Indians (Canada, U.S., and northern Mexico) before Columbus.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Archaeology of the Native Cultures of North America and Nort

**Tags**
181676, 1

**Learning Outcome**
Students will gain an introductory level comprehension of the diverse cultural developments of North American indigenous peoples as well as selected examples from Canada and Northern Mexico through the study of archaeological evidence and material culture.

**Title**
Hands-On Exposure to Native American Material Culture

**Tags**
181677, 2

## ANTHR 351 - Archaeology and the Bible

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
351

**Teaching Area**
ANTHR

**Course Title**
Archaeology and the Bible

**Course Description**
Setting and context of the Bible as clarified and supplemented from archaeology, history, and related studies. Archaeological methods.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Biblical Archaeology

**Tags**
181667, 1

**Learning Outcome**
Students will gain knowledge of the development of Biblical archaeology as a field within the overall umbrella of the discipline of anthropology. This study will include extensive study of the both the defining personalities and methodologies in this sub-area of archaeology, as well as the major excavated sites in the Levant associated with Biblical events. Students will also gain a knowledge of the historical development of the Near East through its archaeological contexts, and the debates existing between differing methodologies associated with the use of the Bible as a primary

Learning Outcome
Students will gain a more in-depth comprehension of the diversity and complexity of data sets regarding archaeological evidence via material cultural remains by hands-on interactions with the collections of the Museum of Peoples and Cultures at BYU.

Title
Critical Thinking, Research, Analysis, and Writing

Tags
181678, 3

Learning Outcome
Through course assignments, students will increase their skills in critical thinking, research, analysis, and writing. Emphasis will be placed on writing in the discipline.

document.

## ANTHR 355 - Mesoamerican Archaeology

### Course Information

Teaching Area (new)
ANTHR

Course Number
355

Teaching Area
ANTHR

Course Title
Mesoamerican Archaeology

Course Description
Cultural and environmental bases of ancient civilizations in Mexico and Central America. Olmec, Maya, Toltec, and Aztec cultures.

Department
Anthropology

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

Title
Archaeology of Mesoamerica

Tags
181680, 1

Learning Outcome

## ANTHR 370 - Designing Community-Based Interventions

### Course Information

Course Number
370

Teaching Area
ANTHR

Course Title
Designing Community-Based Interventions

Course Description
The purpose of this course is to help you design and implement community-based interventions. Working with a local community center, you will identify specific needs and design projects to address those needs with community involvement and direction.

Department
Anthropology

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

Students will gain knowledge of the major archaeological sites excavated and studied in Meso-America with an emphasis on critiquing archaeological methodologies and theory as they have been applied to specific archaeological sites in the field. Through this study, students will also gain a knowledge of the history and cultural development of the major societies and cultures of this region and the role that archaeology plays in assisting in providing data related to questions associated with the development and decline of these entities.

### Lab Hours

**Fixed**
1

| Title | Learning Outcome |
| --- | --- |
| Original Mentored Research | Students will design grassroots driven interventions in a local community using ethnographic methods. |

| Title | Learning Outcome |
| --- | --- |
| Research Skills and Methods | Students will practice community-based interventions using qualitative research methods. |

| Title | Learning Outcome |
| --- | --- |
| Critical Thinking and Analysis | Students will analyze and explain human activity, sociality, and thought. |

## ANTHR 375 - Archaeology of Egypt

### Course Information

**Teaching Area (new)**
ANTHR
**Course Number**
375
**Teaching Area**
ANTHR
**Course Title**
Archaeology of Egypt
**Course Description**
Survey of the most important archaeological sites, artifacts, and monuments of Egypt, their cultural contexts, as well as major methodological developments in Egyptian archaeology and Egyptology.
**Department**
Anthropology
**When Taught**
Fall Even Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## ANTHR 376 - Archaeology of the Ancient Aegean and Greece

### Course Information

**Teaching Area (new)**
ANTHR
**Course Number**
376
**Teaching Area**
ANTHR
**Course Title**
Archaeology of the Ancient Aegean and Greece
**Course Description**
Bronze Age Aegean through the Classical and Hellenistic eras. Archaeological sites, artifacts, and monuments of the Mediterranean region impacted by Greek civilization. Classical archaeological methodologies associated with the study, excavation, and interpretation of these cultures.
**Department**
Anthropology
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**

### Lab Hours

Fixed
0

Title
Identify important Sites and artifacts

Tags
181823, 1

Learning Outcome
-Students will master a survey of the most important archaeological sites, artifacts, and monuments of Egypt, their cultural contexts, as well as major methodological developments in Egyptian archaeology and Egyptology.
-Students will increase their abilities to think critically and creatively with regard to archaeological methodologies and theories in the field of Egyptology.
-Students will improve their abilities to give both a professional oral/speaking presentation and a critical written research paper of over 12 pages in length.

Title
Strata-graphic Analysis

Tags
200129, 2

Learning Outcome
-Students will be able to place the artifacts and architectural remains of Ancient Egypt in a strata-graphic sequence in order to prepare them for excavation on-site in Egypt.

3

### Lab Hours

Fixed
0

Recommended
Anthr 215

Title
Course Objectives

Tags
181824, 1

Learning Outcome
-Students will learn the archaeology and cultural contexts of the ancient Aegean and Greek worlds, including Classical Archaeological methodologies and theory.
-Students will analyze the contributions that Greek culture, religion, art, and architecture, have played in the development of world history and society.
-Students will critically analyze previous field methodologies in Aegaean and Greek archaeology through selected of field reports, book chapters, etc. of the major archaeologists and sites in this region of the world.
-Students will improve their research and writing skills through the development of a critical research paper of more than 12 pages in length.
-Students will improve their professional speaking skills through an oral class presentation on an assigned topic.

## ANTHR 377 - Archaeology of Roman Civilization

### Course Information

Teaching Area (new)
ANTHR

Course Number
377

Teaching Area
ANTHR

Course Title
Archaeology of Roman Civilization

Course Description
\tSurvey of the most important sites, artifacts, monuments, and methodological approaches associated with the archaeological study of Etruria, Roman Italy, and the Roman Empire. Cultural contexts of the regions impacted by Roman civilization. \t

Department

## ANTHR 378 - Near Eastern Archaeology

### Course Information

Teaching Area (new)
ANTHR

Course Number
378

Teaching Area
ANTHR

Course Title
Near Eastern Archaeology

Course Description
Peoples and culture history in Mesopotamia, Syria, Palestine, Egypt, 3500--500 B.C. Substantial reading, writing, discussion.

Department
Anthropology

When Taught
Contact Department

Anthropology
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Anthr 215

**Title**
Archaeology-Roman and Etruscan

**Tags**
181825, 1

**Learning Outcome**
-Students will gain a knowledge of the development of Etruscan and Roman societies through a study of Classical archaeological techniques and methodology.
-Heavy emphasis will be placed on students gaining a chronological knowledge of both of these cultures and their impact on the Mediterranean Basin as well as on developments in the medieval worlds of Europe and Islam.
-Students will also gain a knowledge of the major assumptions and methodologies of Classical archaeology and gain experience in writing in the discipline through development of a critical research paper of not less than 12 pages.
-Students will increase their public speaking skills by giving an oral class presentation on an assigned topic.

## ANTHR 379 - Archaeology of Islam

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

**Title**
Archaeology in Mesopotamia, Syria, Palestine, & Egypt

**Tags**
181675, 1

**Learning Outcome**
Students will gain an introductory level understanding of the archaeology, history, and ancient cultural contexts of the major ancient civilizations of Mesopotamia, Syria, Palestine, and Egypt through readings, research assignments, and discussion.

**Title**
Critical Thinking, Research, Analysis, and Writing

**Tags**
181790, 1

**Learning Outcome**
Students will increase their skill sets with regard to critical thinking, research, analysis of data, and writing through multiple types of course assignments including a final research paper project.

## ANTHR 385 - Archaeology of Europe

## Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
379

**Teaching Area**
ANTHR

**Course Title**
Archaeology of Islam

**Course Description**
Pre-Islamic roots through Ottoman period. Sites, artifacts, and monuments of Islam. Focus on religious and cultural contexts. Relevant Islamic texts and archaeological methods for understanding medieval Islamic sites and artifacts.

**Department**
Anthropology

**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Anthr 215

| Title | Tags |
|---|---|
| Islamic Archaeology & Cultural Contexts | 181826, 0 |

**Learning Outcome**
-Course topics will give students an introductory understanding of the archaeology of Islam from its Pre-Islamic roots through all major Islamic eras ending with the Mughal and Ottoman periods.
-Students will gain a knowledge of the most important sites, artifacts, and monuments of Islam.
-Students will also gain a deeper understanding of Islamic archaeology through a focus on its religious and cultural contexts through relating relevant Islamic texts to the major archaeological sites and artifacts of numerous Islamic cultures.

## Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
385

**Teaching Area**
ANTHR

**Course Title**
Archaeology of Europe

**Course Description**
Cultural developments of temperate Europe from prehistory to the Roman expansion; lectures and case studies highlight issues related to environmental change, the introduction of farming, population movement, and the emergence of increasingly complex socio-economic systems.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Archaeology of Europe | 181827, 1 |

**Learning Outcome**
-Students will develop a working knowledge of the major periods, developments, and interpretive themes related to prehistoric Europe.
-Students will develop an understanding of the history that has shaped and guided the development of modern Europe.
-Students will gain a greater appreciation of how archaeological evidences can be used in resonstructing this history.
-Students will apply skills and knowledge introduced in foundation courses such as ANTHR 110 and ANTHRO 215 to the archaeological study of Europe.
-Students will further develop

-Students will gain a working knowledge of the archaeological methods and theories currently impacting the excavation and interpretation of Islamic sites throughout the Mediterranean Basin, the Near East, India, and Asia Minor.
-Students will improve both their speaking and critical writing and research skills through both an oral in class presentation and a research paper of not less than 12 papers addressing a major research question pertinent to Islamic Archaeology.

skills in critical thinking, research, and argumentative writing.
-Students will improve their abilities to develop and complete indivdiual learning agendas.

## ANTHR 390R - Special Topics in Regional Anthropology

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
390R

**Teaching Area**
ANTHR

**Course Title**
Special Topics in Regional Anthropology

**Course Description**
Subjects related to a particular area or people.

**Department**
Anthropology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Special Topics in Archaeology/Anthropology

**Tags**
181659, 1

**Learning Outcome**
ANTHR 390R Provides students the opportunity to gain a more in-depth knowledge in a field specific region of archaeological or socio-cultural interest. The course offers the chance for visiting scholars with special

## ANTHR 402 - Quantitative Methods for Anthropology

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
402

**Teaching Area**
ANTHR

**Course Title**
Quantitative Methods for Anthropology

**Course Description**
Quantitative methods in archaeology and sociocultural anthropology, including methods of organizing, exploring, and presenting data, probability, and statistical inference.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Course Objectives

**Tags**
181673, 1

expertise or regional interest to provide an intensive learning experience in anthropology for students interested in the field or the specific region.

**Learning Outcome**

The main goal of the course is to help students obtain the skills necessary to successfully complete an artifact analysis project similar to what is required in the Anthropology 456 (laboratory analysis) class. This requires the abilities to 1) use various computer applications to manage data, 2) to properly use statistical and graphical methods for data presentation and analysis, and 3) to describe clearly both the data itself and the results of quantitative analyses.

## ANTHR 404 - Historical Anthropology

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
404

**Teaching Area**
ANTHR

**Course Title**
Historical Anthropology

**Course Description**
This course will develop students' understanding of the fundamentally historical dimensions of anthropology, both in terms of subject matter and execution. Skills students will acquire will include: expository and critical treatment of: ethnohistory; historical archaeology; primary and secondary historical research; time and temporality; myth and history; synchrony and diachrony; structure and agency; historiography; oral history; anthropology of history; and past making in different cultures and social groups.

**Department**
Anthropology

**When Taught**
Winter Even Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
ANTHR 101, ANTHR 201, ANTHR 202

## ANTHR 405 - Archaeological Science

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
405

**Teaching Area**
ANTHR

**Course Title**
Archaeological Science

**Course Description**
Uses of technologically sophisticated scientific techniques in archaeology to analyze the elemental composition or age of artifacts. Relevance of these analyses to substantive archaeological problems.

**Department**
Anthropology

**When Taught**
Winter Odd Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
ANTHR 215; ANTHR 110; ANTHR 215; ANTHR 110.

## ANTHR 406 - Digital Archaeology

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
406

**Teaching Area**
ANTHR

**Course Title**
Digital Archaeology

**Course Description**
Use of digital technologies in archaeology. Focus on software applications, GIS, GPS, and surveying/mapping with a robotic total station and Unmanned Aerial Vehicles.

**Department**

## ANTHR 407 - Multispecies Sociality

### Course Information

**Course Number**
407

**Teaching Area**
ANTHR

**Course Title**
Multispecies Sociality

**Course Description**
This course brings anthropological perspectives to human-nonhuman sociality and considers how language and communicative ideologies mediate plants-primates-people-animal-fungi-bacteria relations.

**Department**

Department
Anthropology
When Taught
Winter Odd Yrs..

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ANTHR 110 - Discovering Archaeology
  **AND** ANTHR 215 - Archaeological Method and Theory

**Additional Comments:**

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Research Skills and Methods | Students will explain the fundamentals of several advanced digital technologies used in archaeological data collection and processing. |

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Learn history of digital methods | Students will describe how advances in digital technologies have influenced modern archaeological methods, and will explain the traditional “non-digital” foundations behind the modern, digital tools. |

Department
Anthropology
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Transformative Learning Outcome | To identify your sensorium (embodied ways of knowing through sensing) strengths and work on expanding two sensorium capacities through the course of the semester. |

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Learning Outcome 1 | To identify sociality and semiotic theories shaping interaction between humans and nonhumans |

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Learning Outcome 2 | To learn how to critically analyze and engage cross-cultural sociality ideas through application activities/fieldtrips |

| | |
|---|---|
| **Title** | **Learning Outcome** |
| Learning Outcome 3 | To enhance your understanding of ethnography as a writing/presentation genre and analytical method |

## ANTHR 410 - Ethnoarchaeology

### Course Information

**Teaching Area (new)** **Course Number**

## ANTHR 412 - Museum Collections Management

### Course Information

ANTHR 410

**Teaching Area**
ANTHR

**Course Title**
Ethnoarchaeology

**Course Description**
Examination of the fields of ethnoarchaeology and ethnohistory; use of observations of contemporary societies to aid archaeological interpretation.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
ANTHR 215; ANTHR 110; ANTHR 101; ANTHR 215; ANTHR 110; ANTHR 101

**Teaching Area (new)** **Course Number**
ANTHR 412

**Teaching Area**
ANTHR

**Course Title**
Museum Collections Management

**Course Description**
Instruction and practice in aspects of managing museum collections: writing catalogs, processing donations, preserving objects.

**Department**
Anthropology

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ANTHR 311 - Museums and Cultures

**Additional Comments:**

**Title** **Tags**
Management Skills 181852, 1

**Learning Outcome**
Students will be able to apply managemet skills effectively to museum collection management projects.

**Title** **Tags**
Museum Standards 181853, 2

**Learning Outcome**
Students will be familar with and able to implement professional and legal standards for museum

collection projects related to anthropology/archaeology.

| Title | Tags |
| --- | --- |
| Teamwork | 181854, 3 |

**Learning Outcome**
Students will learn how to work as leaders and/or team members in a museum setting.

| Title | Tags |
| --- | --- |
| Research and Writing | 181855, 4 |

**Learning Outcome**
Students will improve in writing project reports and presenting research findings.

## ANTHR 414 - Museum Projects

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
414

**Teaching Area**
ANTHR

**Course Title**
Museum Projects

**Course Description**
Supervised experience in a museum working with exhibitions, public programs, or research.

**Department**
Anthropology

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

## ANTHR 420 - Visual and Sonic Anthropology

### Course Information

**Course Number**
420

**Teaching Area**
ANTHR

**Course Title**
Visual and Sonic Anthropology

**Course Description**
Overview of visual and sonic anthropology methods including ethnographic film, photography, art, sound and other sensory methods. Students will receive training in modes of data collection and presentation, including how media allow new ways of understanding what it means to be human.

**Department**
Anthropology

**When Taught**
Fall Odd Years

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ANTHR 311 - Museums and Cultures

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Museum Projects | 181856, 1 |

**Learning Outcome**
Students will become familiar with and able to carry out basic museum projects (not related to managing collections) such as education, outreach, exhibits.

| Title | Tags |
| --- | --- |
| Evaluation | 181857, 2 |

**Learning Outcome**
Students will be able to apply evaluation skills effectively to ensure the success of projects.

| Title | Tags |
| --- | --- |
| Leadership | 181858, 3 |

**Learning Outcome**
Students will learn how to work as leaders and/or team members in a museum setting.

| Title | Tags |
| --- | --- |
| Theoretical considerations | 213334, 0, 1, 2023-08-28 13:47:11 |

**Learning Outcome**
Students will be able to critically evaluate current theoretical and critical approaches to anthropology that focus on visual and multimodal media

| Title | Tags |
| --- | --- |
| Critical trends in data presentation | 213335, 0, 2, 2023-08-28 13:47:13 |

**Learning Outcome**
Students will be able to critique visual forms of data presentations in anthropology

| Title | Tags |
| --- | --- |
| Critical trends in data presentation | 213336, 0, 3, 2023-08-28 13:47:16 |

**Learning Outcome**
Students will be able to evaluate the stregths and limitations of distinct media in producing and conveying anthropological insights.

| Title | Tags |
| --- | --- |
| Practical skill in Visual Production | 213337, 0, 4, 2023-08-28 13:47:18 |

**Learning Outcome**
Students will be able to demonstrate basic skills of photo, video, and audio editing in anthropology

| Title | Tags |
| --- | --- |
| Practical skills in Visual Production | 213338, 0, 5, 2023-08-28 13:47:19 |

**Learning Outcome**
Students will be able to produce unique anthropological insights using visual and other media.

## ANTHR 430 - Moral and Ritual Institutions

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
430

**Teaching Area**
ANTHR

**Course Title**
Moral and Ritual Institutions

**Course Description**
Anthropological approaches to religion; its content and relation to other social institutions in societies ranging from gatherers to industrialists.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Course Objectives | 181828, 1 |

**Learning Outcome**
-Students will be able to discuss the major theorists and theories of religion, the major theories of religion advanced, and the relation to various categories of religious practice.
-Students will be able to use ethnographic data to discuss and illustrate major religious and ritual practices, the significance of these practices as symbols, and the consequences of these practices in society and in the individual.

## ANTHR 431 - Kinship, Race and Gender

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
431

**Teaching Area**
ANTHR

**Course Title**
Kinship, Race and Gender

**Course Description**
Kinship theory and analysis, 1920-present. Recent issues in anthropological treatment of gender, race, marriage, and family structure.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## ANTHR 432 - Economic and Political

## ANTHR 434 - Medical Anthropology

# Institutions

## Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
432

**Teaching Area**
ANTHR

**Course Title**
Economic and Political Institutions

**Course Description**
Connections between wealth and power: political and legal systems in state and nonstate societies; global expansion of capitalism and technology.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Knowledge and Skills

**Tags**
181685, 1

**Learning Outcome**
This course is designed to enhance student knowledge and skills as a scholar with relation to critical reading within the discipline, intelligent and informed discussion, and writing about past and current issues in global economics.

**Title**
Knowledge of Political, Legal, and Economic Anthropology

**Tags**
181686, 2

**Learning Outcome**
Students will gain a working knowledge of political, legal, and economic anthropology as a preparation for the senior thesis, graduate programs, and possible careers in anthropological,

## Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
434

**Teaching Area**
ANTHR

**Course Title**
Medical Anthropology

**Course Description**
Interactions between culture and health in comparative perspective, emphasizing social, historical, and ecological determinants.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Anthr 247

**Title**
Methods and Theory

**Tags**
181859, 1

**Learning Outcome**
Students will gain knowledge of the current soci-cultural practices best suited for applications with relation to medical anthropology as it is utilized in both domestic and international projects and in diverse communities.

**Title**
Social Theory and Illness

**Tags**
181886, 2

**Learning Outcome**
Students will learn how to interpret the social dynamics of medical decision-making and understand the likely social, cultural, political and economic factors influencing helath, illness, and sickness.

political, legal, or economic fields.

| Title | Tags |
| --- | --- |
| Emphasis Placed on Writing Coherently and Persuasively in th | 181687, 3 |

**Learning Outcome**
Students will expand their capacities to read with increased comprehension and to write coherently and persuasively in the discipline.

| Title | Tags |
| --- | --- |
| Expand Opportunities for Critical Thinking | 181688, 4 |

**Learning Outcome**
Students will be given many opportunities to think critically about topics pertinent to the course content and their individual research assignments.

| Title | Tags |
| --- | --- |
| Research Presentation and Course Discussion | 181689, 5 |

**Learning Outcome**
Students will present their own individual research assignment in both written form and through the venues of a class presentation and discussion of the central themes and tenets as well as methodologies utilized within their individual research project.

| Title | Tags |
| --- | --- |
| Critical Thinking Skills | 181887, 3 |

**Learning Outcome**
Students will learn how to think critically on their own experiences of health and inequality in the United States in the light of the concepts and methods introduced in this course.

## ANTHR 436 - Symbolic Anthropology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ANTHR | 436 |

**Teaching Area**
ANTHR
**Course Title**
Symbolic Anthropology
**Course Description**
Social use and understanding of semiotics, signs, symbols, and other meaningful forms as critically constitutive of culture.
**Department**
Anthropology
**When Taught**
Contact Department

## ANTHR 439 - Psychological Anthropology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ANTHR | 439 |

**Teaching Area**
ANTHR
**Course Title**
Psychological Anthropology
**Course Description**
Culture/mind relationship. Cross-cultural variation in concepts of person, emotions, and treatment modalities by society. Psychological implications of cultural differences in childrearing.
**Department**
Anthropology
**When Taught**

Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Understanding Human Cultures | 181888, 1 |

Learning Outcome
Through course assignments, students will gain a deeper appreciation of the human condition and develop a more penetrating vision of the human experience, an enhanced understanding of human beings and being human.

| Title | Tags |
| --- | --- |
| Symbols and Culture | 181889, 2 |

Learning Outcome
Through course assignments, students will develop a better understanding of the nature of signs and symbols and of the part they play in perception and experience, of their role in refiguring reality.

| Title | Tags |
| --- | --- |
| Writing and Critical Thinking | 181890, 3 |

Learning Outcome
Through course assignments, students will develop an increased ability to think soundly, to write clear and insightful entries in an intellectual journal, and to writie an effective final essay.

Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Psychocultural Analysis | 181813, 3 |

Learning Outcome
3. Students will learn to analyze cultural and psychological data from a person-centered ethnographic standpoint by engaging with readings and conducting a course project analyzing some psychocultural phenomenon and writing up the results.

| Title | Tags |
| --- | --- |
| Critical Reasoning | 181814, 2 |

Learning Outcome
2. Students will learn to critique the philosophical and theoretical assumptions inherent in various approaches to understanding human experience and intersubjectivity.

| Title | Tags |
| --- | --- |
| Theoretical Understanding | 181815, 1 |

Learning Outcome
1. Through this course students will develop a critique of both the overemphasis on macro-level 'structure' and 'culture' in mainstream anthropology, as well as the overly individualistic emphasis in psychology on micro-processes and the 'psyches' of individuals. Students will gain an appreciation for the extent to

which 'mind' and 'culture' co-constitute one another in various dimensions of human experience.

## ANTHR 440 - The End of the World (As We Know It)

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
440

**Teaching Area**
ANTHR

**Course Title**
The End of the World (As We Know It)

**Course Description**
Analyze a range of ethnographic, historical, and archaeological case studies of groups whose millenarian, apocalyptic, and utopian outlooks revolve around concerns with and conceptions of the end of the world as they know it.

**Department**
Anthropology

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## ANTHR 442 - Ethnographic Research Design and Methods

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
442

**Teaching Area**
ANTHR

**Course Title**
Ethnographic Research Design and Methods

**Course Description**
This course has two related foci. First, students will practice the methods of ethnographic research, including best practices for participant observation interviewing, among other methods. To this end, students will conduct a mini-ethnography over the course of the semester. Second, students will develop and write a research proposal for the research they will carry out in their field schools. This research proposal will include a research question, a review of the literature that will motivate the research question, a description of the site where the research will be carried out, and an outline of the methods to be used in data collection and analysis. Students will be able to explain ethical research practices and they may need to pursue IRB approval as well.

**Department**
Anthropology

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

Complete ALL of the following Courses:

- ANTHR 101 - Social/Cultural Anthropology

**Additional Comments:**

**Recommended**

300-level regionally relevant courses in the geographic area of interest

| Title | Tags |
| --- | --- |
| Research Design and Methods | 181844, 1 |

**Learning Outcome**

Through this course, students will learn principles of good research design, and will be trained in a variety of methods for social science research. By the end of this course, students will have used this training to develop a proosal for a theoretically innovative research project, including laying out valid and reliable methods for answering the research question. By the end of this course, students will have developed the ability to effectivey critique research designs and assess the relative validity and reliability of other research projects. This includes the skills to critically assess the connections between evidence and theoretical claims in social science research.

## ANTHR 447 - Applied Anthropology

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
247

**Teaching Area**
ANTHR

**Course Title**
Applied Anthropology

**Course Description**
Study of examples of applied research in a number of settings including: business, education, environment, government, communication, international development, or health sectors. Engagement in applied research projects involving application of anthropological research methods to real world problems.

**Department**
Anthropology

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

## ANTHR 450 - Anthropology Seminar

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
450

**Teaching Area**
ANTHR

**Course Title**
Anthropology Seminar

**Course Description**
Weekly anthropology seminars in which anthropologists and archaeologists from across the country (as well as from the Department of Anthropology) will present their latest research. An opportunity for students to learn about the most up-to-date research currently being conducted by anthropologists and archaeologists.

**Department**
Anthropology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Learning Objectives

**Tags**
181799, 0

**Learning Outcome**
This course has the objectives to introduce students to career options outside academia and to help them explore graduate programs that will prepare them for those careers. This course will also introduce them to theoretical and ethical issues in applied and practicing anthropology and to some of the current social problems that are dominating the field. Students will learn the basic training in the skills and methodologies, (including report writing), that they will use as an applied anthropologist.

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

## ANTHR 454 - Field School Preparation

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
454

**Teaching Area**
ANTHR

**Course Title**
Field School Preparation

**Course Description**
Topics and training related to preparation for archaeological field school assignments and on-site excavation . \t

**Department**
Anthropology

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

## ANTHR 455 - Field School of Archaeology

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
455

**Teaching Area**
ANTHR

**Course Title**
Field School of Archaeology

**Course Description**
Training and experience in excavation at a BYU-sponsored dig.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
6

**Fixed**
6

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major status.

| Title | Tags |
| --- | --- |
| Field School Skills and Knowledge | 181860, 1 |

**Learning Outcome**
Students who are enrolled for the required Spring capstone Field School in either the American Southwest/Great Basin or in Petra, Jordan will gain critical skills necessary for archaeological field work, analysis, and cultural immersion.

| Title | Tags |
| --- | --- |
| Field School Preparation Skills | 181829, 0 |

**Learning Outcome**
-Students will prepare for their excavation training and experience at a BYU-sponsored dig through course assignments which will include:
1. Course readings that give students a general introduction to the history, cultural contexts, and archaeological research related to the site of the Department's Field School.
2. Through class discussion, students will be prepared to live compatably with the host culture and nation in which the archaeological site under excavation resides.
3. Course exercises and readings that will prepare each student to recognize the various strata-graphic levels of the cultural deposits they will be excavating in Field School.
4. Course discussion, exercises, and readings will give each student a working knowledge of the major archaeological methodologies and theories that will be employed in the Field

### Lecture Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ANTHR 215 - Archaeological Method and Theory
  **AND** ANTHR 454 - Field School Preparation

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Course Objectives | 181830, 1 |

**Learning Outcome**
-This course is designed to provide students with an intensive exposure to archaeological field methods in the context of an ongoing research project.
-Students will receive both training and experience in field methods. The course involves working a full schedule five days a week, spending approximately 8 hours a day working in the field. Students will also take turns one day a week doing lab work.
-Students will learn field methods including excavation, mapping, note taking, survey, reading topographic maps, and photography.
-There also will be reading and writing assignments to be completed including a personal field journal that will be graded on a regular basis.

| Title | Tags |
| --- | --- |
| Experience | 181791, 0 |

**Learning Outcome**
Students will receive training and experience in excavation at a BYU-sponsored dig

School projects.
5 Students will gain a basic knowledge of how to research, plan, and prepare a major archaeological excavation field project.

## ANTHR 456 - Lab Skills for Anthropology

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
456

**Teaching Area**
ANTHR

**Course Title**
Lab Skills for Anthropology

**Course Description**
Analytical and laboratory techniques as part of a BYU-sponsored archaeological project.

**Department**
Anthropology

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ANTHR 455 - Field School of Archaeology

**Additional Comments:**

**Title**
Lab Skills in Anthropology/Archaeology

**Tags**
181831, 1

**Learning Outcome**
-Students will gain hands-on laboratory skills in artifact analysis through the study of data sets obtained in the previous Archaeology Field School held in

## ANTHR 490R - Special Topics in Anthropology

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
490R

**Teaching Area**
ANTHR

**Course Title**
Special Topics in Anthropology

**Course Description**
Various subjects related to anthropology

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

the Spring of the same year in either the American Southwest or Petra, Jordan.
-Students will learn the correct methods for handing and analyzing field data sets in order to develop a research question as well as critically evaluating the methodologies and theories necessary for answering this question.
-Students learn how to chose correct analysis methodolgies and will also integrate statistical analysis into the evaluation of their data set.
-Students will develop the research question that will become their Senior Thesis capstone project from the processes of this course.

## ANTHR 490R - Special Topics

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
490R

**Teaching Area**
ANTHR

**Course Title**
Special Topics

**Course Description**
Subjects related to anthropological theory or the operation of social systems.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

## ANTHR 495R - Ethnographic Field Project

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
495R

**Teaching Area**
ANTHR

**Course Title**
Ethnographic Field Project

**Course Description**
Conducting field research including qualitative data collection, possibly quantitative as well. Research typically involves substantial field note writing to document observations along with creating recordings of data as appropriate. Analysis of data while in the field to ensure collection of the right data to make a compelling thesis argument.

**Department**
Anthropology

**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**
3

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ANTHR 442 - Ethnographic Research Design and Methods

**Additional Comments:**

**Title**
Course Objectives

**Tags**
181695, 1

**Learning Outcome**
Students will conduct independent field work and log field notes. Students will follow their own research plan developed in Anthr 442.

## ANTHR 496R - Academic Internship: Research

### Course Information

**Teaching Area (new)**
ANTHR
**Course Number**
496R
**Teaching Area**
ANTHR
**Course Title**
Academic Internship: Research
**Course Description**
Field or library research.
**Department**
Anthropology
**When Taught**
Contact Department

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Supervising instructor's consent
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Internship | 181833, 0 |

**Learning Outcome**
-Students will complete a supervised internship in an employment setting or agency related to Anthropology.
-Students will link academic learning with these professional experiences.
-Students will complete a minimum of 45 hands-on hours per credit.

## ANTHR 497 - Directed Readings

### Course Information

**Teaching Area (new)**
ANTHR
**Course Number**
497
**Teaching Area**
ANTHR
**Course Title**
Directed Readings
**Course Description**
Reading 2,500 pages on a stated topic.
**Department**
Anthropology
**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Major status; Supervising instructor's consent.

| Title | Tags |
| --- | --- |
| Department Learning Outcome | 181793, 0 |

**Learning Outcome**
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literature for a topic of interest in anthropology.

## ANTHR 499 - Senior Thesis

### Course Information

**Teaching Area (new)**
ANTHR
**Course Number**
499
**Teaching Area**
ANTHR
**Course Title**
Senior Thesis
**Course Description**
Students in this course will take the data that they collected in their field research, analyze it, and write it up with an appropriate context (a.k.a. "literature review"). Some students may go on to publish their research in academic journals.
**Department**

## ANTHR 503 - Contemporary Anthropological Theory

### Course Information

**Teaching Area (new)**
ANTHR
**Course Number**
503
**Teaching Area**
ANTHR
**Course Title**
Contemporary Anthropological Theory
**Course Description**
Anthropological theory from the late 20th century to the present. Current theoretical concerns of anthropology. Theoretical frameworks and how these theories can inform master's thesis research.

Department
Anthropology
When Taught
Winter

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ANTHR 202 - Foundations of Anthropological Theory
  **AND** ANTHR 442 - Ethnographic Research Design and Methods
  **AND** ANTHR 495R - Ethnographic Field Project

Prerequisites

**Complete ALL of the following Courses:**

- ANTHR 202 - Foundations of Anthropological Theory
  **AND** ANTHR 455 - Field School of Archaeology
  **AND** ANTHR 456 - Lab Skills for Anthropology

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Course Objectives | 181690, 1 |

Learning Outcome
Students will analyze data and field notes collected for Anthr 495 to produce publishable journal article, a large-size poster, and a conference presentation.

Department
Anthropology
When Taught
Winter

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

## ANTHR 512 - Heritage Resource Management

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
512

**Teaching Area**
ANTHR

**Course Title**
Heritage Resource Management

**Course Description**
Legal and ethical issues for practicing archaeologists. Preservation law, collections law, public archaeology, Native American issues, and careers in archaeology and museums.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admittance into graduate program in archaeology or certificate program in museum practices

**Title**
Foundational Knowledge

**Tags**
181704, 1

**Learning Outcome**
Students will learn the history of cultural resource management and laws relevant to its inception and current state.

**Title**
Value

**Tags**
181705, 2

**Learning Outcome**
Students are to understand the inherent value in cultural resource preservation.

**Title**

**Tags**

## ANTHR 522 - Museum Practices and Technologies

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
522

**Teaching Area**
ANTHR

**Course Title**
Museum Practices and Technologies

**Course Description**
Core museum disciplines: collections management, curation, education, exhibition, and conservation. Supporting technologies: database, digital photography, Web design, etc. Career paths.

**Department**
Anthropology

**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Title**
Technology

**Tags**
181788, 0

**Learning Outcome**
Students will have competency in a variety of computer software and technologies upon which museum practices are dependent.

**Title**
Career Preparation

**Tags**
181797, 3

**Learning Outcome**
Students will be familiar with career options in the museum field and understand what skills they need to develop to succeed.

**Title**
Leadership

**Tags**
181798, 1

**Learning Outcome**
Students will learn how to work as leaders and/or team members in a museum setting

| Title | Tags |
| --- | --- |
| Practical Methods | 181706, 3 |

**Learning Outcome**
This course will instruct students in the basic methods necessary in carrying out compliance for the Section 106 review process.

| Title | Tags |
| --- | --- |
| Current Issues | 181707, 4 |

**Learning Outcome**
Students will learn the current fundamental issues relative to CRM in the U.S. and will discuss ways in which certain aspects of the field can be improved.

| Title | Tags |
| --- | --- |
| Current Issues | 181796, 3 |

**Learning Outcome**
Students will learn the current fundamental issues relative to CRM in the U.S. and will discuss ways in which certain aspects of the field can be improved.

| Title | Tags |
| --- | --- |
| Practical Methods | 181811, 2 |

**Learning Outcome**
This course will instruct students in the basic methods necessary in carrying out compliance for the Section 106 review process.

in a museum setting.

| Title | Tags |
| --- | --- |
| Project Management | 181806, 2 |

**Learning Outcome**

Students will be able to apply museum technologies effectively to ensure the success of various museum projects.

## ANTHR 524 - Museology: Curation and Writing

### Course Information

**Teaching Area (new)**
ANTHR
**Course Number**
524
**Teaching Area**
ANTHR
**Course Title**
Museology: Curation and Writing
**Course Description**
Professional practices supporting the educational, research, and reporting functions of museums, emphasizing museum writing leading to publication, cataloguing, policy writing, exhibition conceptualization, etc.
**Department**
Anthropology
**When Taught**

## ANTHR 526 - Museum Exhibitions and Programming

### Course Information

**Teaching Area (new)**
ANTHR
**Course Number**
526
**Teaching Area**
ANTHR
**Course Title**
Museum Exhibitions and Programming
**Course Description**
Instruction and practica in all aspects of exhibition development. Current thought and literature in museum education with practica for application.
**Department**
Anthropology
**When Taught**
Winter Odd Years

Fall Even Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

Other Prerequisites
Admission to certificate in museum practices program

| Title | Tags |
| --- | --- |
| Museum Curation and Writing | 181698, 1 |

Learning Outcome
Students will have hands-on experiences through class assignments in all aspects of writing associated with museum functions and curation including condition reports, registration documents and databases, exhibition research and panels, and educational materials.

| Title | Tags |
| --- | --- |
| Museum Curation and Writing | 181699, 2 |

Learning Outcome
Students will also learn how to research and write a grant for a museum project or exhibition.

| Title | Tags |
| --- | --- |
| Museum Curation and Writing | 181700, 3 |

Learning Outcome
Students will learn hands-on skills by developing, researching, and writing all materials necessary for a new exhibition at the Museum of Peoples and Cultures. This experience will also require students to work directly with collections held at the Museum or in other storage facilities.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
8

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ANTHR 524 - Museology: Curation and Writing

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Exhibition Skill Assessment | 181874, 1 |

Learning Outcome
Through course assignments, students will be able to identify their interests and aptitudes for developing museum exhibitions.

| Title | Tags |
| --- | --- |
| Exhibition and Program Skills | 181875, 2 |

Learning Outcome
Students will be provided projects that require professional practices in developing an exhibition and associated programming products.

| Title | Tags |
| --- | --- |
| Familiarity with Museum Education | 181876, 3 |

Learning Outcome
Through course assignments, students will acquire training in museum education theory. These assignments will involve hands-on practices in developing

hands-on practices in developing a real exhibition.

| Title | Tags |
| --- | --- |
| Mentoring and Professional Development | 181877, 4 |

**Learning Outcome**
Through course assignments, students will be provided opportunities to work closely with museum professionals in order to develop a complete exhibition.

## ANTHR 530 - Great Basin Archaeology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ANTHR | 530 |

**Teaching Area**
ANTHR
**Course Title**
Great Basin Archaeology
**Course Description**
Overview of ethnography, history of research, and prehistory of the Great Basin culture area. Current issues in archaeological research emphasized.
**Department**
Anthropology
**When Taught**
Fall Even Years

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Anthr 350 or equivalent

| Title | Tags |
| --- | --- |
| Great Basin Archaeology | 181665, 1 |

**Learning Outcome**

## ANTHR 535 - Southwest Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ANTHR | 535 |

**Teaching Area**
ANTHR
**Course Title**
Southwest Seminar
**Course Description**
Overview of ethnography and prehistory of American Southwest. Current issues in archaeological research emphasized.
**Department**
Anthropology
**When Taught**
Fall Odd Years

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Anthr 350 or equivalent

| Title | Tags |
| --- | --- |
| General Understanding | 181895, 1 |

**Learning Outcome**
At the completion of the course

Learning Outcome
Students will gain archaeological and cultural knowledge of the major native peoples of the Great Basin Region from pre-history through European contact through a study of their archaeologial remains and ethnographic studies.

| Title | Tags |
| --- | --- |
| Great Basin Archaeology | 181666, 2 |

Learning Outcome
Students will have hands-on experiences with the collections of the Museum of Peoples and Cultures that are representative of the cultures of the Great Basin Region.

At the completion of the course, students will have a general understanding of the braod outlines of Southwestern prehistory, which will provide the context necessary to understand the current status and historical development of research in Southwestern archaeology.

| Title | Tags |
| --- | --- |
| Current Research in Southwestern Archaeology | 181896, 2 |

Learning Outcome
Students will become familiar with current research in Southwestern archaeology, including knowledge of how theoretical approaches are applied by Southwestern archaeologists, and how theoretical perspectives affect decisions about fieldwork and laboratory analysis strategies.

| Title | Tags |
| --- | --- |
| History of Southwest Archaeology | 181897, 3 |

Learning Outcome
The course will familiarize students with some of the most important historical figures and research projects in Southwestern archaeology, and how current research depends on the historic development of Southwestern archaeology.

| Title | Tags |
| --- | --- |
| Effective Communication | 181898, 4 |

Learning Outcome
Students will gain experience in effective communication by completing writing assignments, making oral presentations, and participating in classroom discussions.

## ANTHR 541 - Southeast Asia / Southwest China Seminar

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
541

**Teaching Area**
ANTHR

**Course Title**
Southeast Asia / Southwest China Seminar

**Course Description**
Survey of anthropological literature on the region of Southeast Asia and Southwest China, including culture, history, politics, and languages of the region.

**Department**
Anthropology

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## ANTHR 543 - Ethnographic Data Analysis

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
543

**Teaching Area**
ANTHR

**Course Title**
Ethnographic Data Analysis

**Course Description**
Students will learn ethnographic data analysis methods and then they will apply these methods to their own data. They will bring their own data that they will then analyze during the course. In the process, students will learn to use computer-assisted qualitative data analysis software.

**Department**
Anthropology

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## ANTHR 562 - Formative Mesoamerica

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
562

**Teaching Area**
ANTHR

**Course Title**
Formative Mesoamerica

**Course Description**
Topics and issues concerning beginnings and development of Mesoamerican civilizations. Mexican and Mayan antecedents of classic Mayan civilization and culture.

**Department**
Anthropology

**When Taught**
Contact Department

## ANTHR 580 - Near East Seminar

### Course Information

**Teaching Area (new)**
ANTHR

**Course Number**
580

**Teaching Area**
ANTHR

**Course Title**
Near East Seminar

**Course Description**
Current issues in Near Eastern archaeological research.

**Department**
Anthropology

**When Taught**
Contact Department

### Credit Hours

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Mesoamerica

Tags
181892, 1

Learning Outcome
Students will examine issues related to the beginnings and development of Mesoamerican civilization.
Students will investigate Mexican and Mayan antecedents of classic Mayan civilization and culture.

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Undergraduates may enroll if they have completed 30 hours in anthropology coursework.

Title
Intensive Graduate Level Near Eastern Seminar

Tags
181708, 1

Learning Outcome
Topics vary according to the instructor's research interests. However, each graduate seminar must provide students an intensive mentored research experience in the archaeology of the Near East. Often the seminars are organized by topic. Example: The Archaeology of Mortuary Practices Applied to the Archaeological Data Set of the Near East. Each Seminar must increase the students' research, critical thinking, analysis, and writing skills in the discipline.

## AP 100R - AP Credit

### Course Information

**Teaching Area (new)**
AP

**Course Number**
100R

**Teaching Area**
AP

**Course Title**
AP Credit

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
9

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Note**
Use for transfer credit only.

## ARAB 100R - Introduction to Arabic

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
100R

**Teaching Area**
ARAB

**Course Title**
Introduction to Arabic

**Course Description**
Beginning Arabic

**Department**
Asian & Near Eastern Lang

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Title**
Basic Conversation Tasks

**Tags**
189617, 2

**Learning Outcome**
Converse simply but successfully with native speakers of Arabic about self and family; order a meal, ask/give simple directions, and accomplish other basic tasks.

**Title**
Social Interaction

**Tags**
189628, 0

**Learning Outcome**
Demonstrate ability to socially interact with Arabs appropriately (control basic "God wishes," gender/status sensitive).

**Title**
Written and Audio/Video Texts

**Tags**
189653, 1

**Learning Outcome**
Comprehend simple written and audio/video texts on familiar topics.

## ARAB 101 - First-Year Arabic

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
101

**Teaching Area**
ARAB

**Course Title**
First-Year Arabic

**Course Description**
Basic skills of spoken and written Arabic.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Note**
Suggested first class for students learning Arabic. (If all sections are full at registration, email Dr. Belnap at belnap.byu.edu.)

**Title**
Social Interaction

**Tags**
189338, 1

**Learning Outcome**
Demonstrate ability to socially interact with Arabs appropriately (control basic "God wishes," gender/status sensitive).

**Title**
Differences in Formal and Vernacular Arabic

**Tags**
189339, 6

**Learning Outcome**
Recognize and employ some of the differences between formal and vernacular Arabic.

**Title**
Foundational Structures

**Tags**
189614, 6

## ARAB 102 - First-Year Arabic

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
102

**Teaching Area**
ARAB

**Course Title**
First-Year Arabic

**Course Description**
Second-semester Arabic. Basic language skills, both spoken and written.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Language Learning and Communication Strategies

**Tags**
189348, 7

**Learning Outcome**
Employ expanded range of language learning and communication strategies (knowledge of root and pattern system, circumlocution).

**Title**
Comprehension of Written Tasks

**Tags**
189618, 2

**Learning Outcome**
Comprehend simple but longer written and audio/video texts on an expanded range of familiar topics.

Learning Outcome
Control foundational structures (iDaafa, noun/adjective phrase, basic sentence types, etc.).

Title
Language Learning and Communicative Strategies

Tags
189632, 7

Learning Outcome
Employ key language learning and communicative strategies (e.g. use context and what one knows to infer themeaning of what one does not know).

Title
Arabic Sounds

Tags
189637, 2

Learning Outcome
Distinguish and pronounce all Arabic sounds.

Title
Basic Conversation Tasks

Tags
189644, 1

Learning Outcome
Converse simply but successfully with native speakers of Arabic about self and family; order a meal, ask/give simple directions, and accomplish other basic tasks.

Title
Written and Audio/Video Texts

Tags
189647, 3

Learning Outcome
Comprehend simple written and audio/video texts on familiar topics.

Title
Composing Simple Personal Letters

Tags
189650, 4

Learning Outcome
Compose a simple personal letter.

Title
Social Interaction with Arabs

Tags
189619, 1

Learning Outcome
Demonstrate expanding ability to socially interact with Arabs appropriately.

Title
Foundational Structures

Tags
189622, 5

Learning Outcome
Significantly increase control of foundational structures (verb conjugations, complex sentence types).

Title
Formal and Vernacular Arabic

Tags
189629, 4

Learning Outcome
Demonstrate increasing ability to appropriately employ formal and vernacular Arabic.

Title
Conversation Tasks

Tags
189634, 1

Learning Outcome
Converse successfully with native speakers of Arabic about likes/dislikes, home/school, health, schedule, plans, and accomplish basic tasks such as shopping.

Title
Writing Descriptive Prose and Narrative Events

Tags
189648, 3

Learning Outcome
Write descriptive prose and narrate events occuring in the past, present and future.

## ARAB 201 - Second-Year Arabic

### Course Information

Teaching Area (new)
ARAB

Course Number
201

## ARAB 202 - Intermediate Arabic

### Course Information

Teaching Area (new)
ARAB

Course Number
202

Teaching Area
ARAB
Course Title
Second-Year Arabic
Course Description
Significantly expanding proficiency in Modern Standard Arabic and increasing conversational repertoire.
Department
Asian & Near Eastern Lang
When Taught
Fall

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
0

Other Prerequisites
Arab 102 or equivalent experience

| Title | Tags |
| --- | --- |
| Speaking | 189349, 1 |

Learning Outcome
Speak Colloquial Arabic at the ACTFL intermediate low level. Show an elementary ability to distinguish between Colloquial and Standard Arabic in word choice and pronunciation.

| Title | Tags |
| --- | --- |
| Reading | 189350, 2 |

Learning Outcome
Read and understand simple written Standard Arabic texts at the ACTFL intermediate low level.

| Title | Tags |
| --- | --- |
| Listening | 189351, 3 |

Learning Outcome
Understand spoken conversations and dialogues in Standard and Colloquial Arabic

Teaching Area
ARAB
Course Title
Intermediate Arabic
Course Description
Continuation of Arab 201.
Department
Asian & Near Eastern Lang
When Taught
Winter

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
0

Other Prerequisites
Arab 201 or equivalent experience

| Title | Tags |
| --- | --- |
| Writing | 189824, 4 |

Learning Outcome
Write short essays, journal entries and notes at the ACTFL Intermediate Mid level, demonstrating emerging ability in aspects of Advanced-level writing.

| Title | Tags |
| --- | --- |
| Foundational Structures | 189825, 5 |

Learning Outcome
Demonstrate mastery of verb conjugations (including passive) and other basic structures, as well as a developing familiarity with some high frequency constructions typically used in more formal registers. Demonstrate ability to vowel simple texts accurately and a developing ability to vowel more complicated texts.

at the ACTFL intermediate low level.

| Title | Tags |
| --- | --- |
| Foundational Structures | 189352, 4 |

**Learning Outcome**
Show a mastery of basic verb conjugations, idaafa, and other basic structures, with some familiarity with more advanced structures (passive, active and passive participles, relative clauses, diptotes and other vowelling issues).

| Title | Tags |
| --- | --- |
| Cultural Competency | 189839, 5 |

**Learning Outcome**

Students will become familiar with key elements of expectations and norms of a variety of Arab societies.

| Title | Tags |
| --- | --- |
| Vocabulary Mastery | 189826, 6 |

**Learning Outcome**
Demonstrate a mastery of basic Arabic vocabulary, both vernacular and formal (approximately 2500 words).

| Title | Tags |
| --- | --- |
| Speaking | 189827, 1 |

**Learning Outcome**
Speak Arabic at the ACTFL Intermediate Mid level. Show a developing ability to distinguish between vernacular and formal Arabic in word choice and pronunciation and emerging ability in aspects of Advanced-level speaking.

| Title | Tags |
| --- | --- |
| Reading | 189828, 2 |

**Learning Outcome**
Read and understand simple written Arabic texts at the ACTFL Intermediate Mid level. Show developing ability in aspects of Advanced-level reading, such as understanding front-page news articles on familiar topics.

| Title | Tags |
| --- | --- |
| Listening | 189829, 3 |

**Learning Outcome**
Understand spoken conversations, monologues, and media in vernacular and formal Arabic at the ACTFL Intermediate Mid level, demonstrating emerging ability in aspects of Advanced-level listening.

| Title | Tags |
| --- | --- |
| Cultural Competency | 189840, 7 |

**Learning Outcome**
Students will become familiar with key elements of the expectations and norms of a variety of Arab societies and develop an expanded awareness of the complex interplay between Arabo-Islamic Civilization and the West in the past.

## ARAB 211R - Second-Year Conversation

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
211R

**Teaching Area**
ARAB

**Course Title**
Second-Year Conversation

**Course Description**
Intermediate spoken Arabic.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Recommended**
Arab 202.

| Title | Tags | Learning Outcome |
|---|---|---|
| Vocabulary Mastery | 189353, 2 | Demonstrate a mastery of the vocabulary used to describe, narrate and express basic daily functions and interactions |

| Title | Tags | Learning Outcome |
|---|---|---|
| Speaking | 189816, 1 | Speak Colloquial Arabic at the ACTFL Intermediate High level. Show an ability to distinguish between Vernacular and Formal Arabic in word choice and pronunciation. |

## ARAB 221R - Standard Arabic Tutorial

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
221R

**Teaching Area**
ARAB

**Course Title**
Standard Arabic Tutorial

**Course Description**
Readings, listening and writing activities, and discussion in Arabic designed to maintain vocabulary and fluency while waiting for study abroad.

**Department**
Asian & Near Eastern Lang

**When Taught**
Spring Term

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Language maintenance for study abroad | 189641, 0 | Maintain the level of Arabic achieved in Arabic 201/202 during the Spring/Summer terms while waiting for the intensive Arabic study abroad program, in terms of vocabulary mastery, and reading and speaking fluency. |

## ARAB 222R - Spoken Arabic Tutorial

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
222R

**Teaching Area**
ARAB

**Course Title**
Spoken Arabic Tutorial

**Course Description**
Conversation with a native speaker; movies, plays, and other written sources of colloquial Arabic.

**Department**
Asian & Near Eastern Lang

**When Taught**
Summer Term

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Language Maintenance for Study Abroad

**Tags**
189621, 0

**Learning Outcome**
Maintain the level of spoken Arabic achieved in Arabic 201/202 during the Spring/Summer terms while waiting for the intensive Arabic study abroad program, in terms of vocabulary mastery and speaking fluency.

## ARAB 223R - Arabic Grammar Review

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
223R

**Teaching Area**
ARAB

**Course Title**
Arabic Grammar Review

**Course Description**
Tutorial review of first- and second-year Arabic grammar, with readings and other activities that illustrate the principles discussed.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Language Maintenance for Study Abroad

**Tags**
189625, 0

**Learning Outcome**
Maintain the level of Arabic achieved in Arabic 201/202 during the Spring/Summer terms while waiting for the intensive Arabic study abroad program, in terms of vocabulary mastery, the verbal system, and the grammatical structures of Arabic including tamyiiz, haal, cognate accusative and the like.

## ARAB 300 - Advanced Modern Standard Arabic

### Course Information

## ARAB 302 - Newspaper Arabic

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
302

Teaching Area (new)
ARAB
Course Number
300
Teaching Area
ARAB
Course Title
Advanced Modern Standard Arabic
Course Description
Advanced work in reading, writing, listening, speaking.
Department
Asian & Near Eastern Lang
When Taught
Fall

### Credit Hours

Min
4
Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ARAB 202 - Intermediate Arabic

Additional Comments:

| Title | Tags |
|---|---|
| Speaking | 189819, 0 |

Learning Outcome

Discuss key issues in modern Arab society in a raised register at the ACTFL Advanced Low level. Demonstrate an ability to prepare and present on such issues in a formal register of Arabic.

| Title | Tags |
|---|---|
| Writing | 189820, 1 |

Learning Outcome

Teaching Area
ARAB
Course Title
Newspaper Arabic
Course Description
Extensive reading of Arabic newspapers and magazines, with appropriate vocabulary building.
Department
Asian & Near Eastern Lang
When Taught
Fall

### Credit Hours

Min
4
Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ARAB 202 - Intermediate Arabic

Additional Comments:

| Title | Tags |
|---|---|
| Listening | 189817, 2 |

Learning Outcome
Understand the essentials of straightforward news broadcasts at the ACTFL intermediate High level.

| Title | Tags |
|---|---|
| Reading | 189818, 1 |

Learning Outcome
Read and understand written media Arabic at the ACTFL Advanced Low level. Demonstrate in particular the ability to read and comprehend front page news articles fluently

Write short essays, journal entries and notes at the ACTFL Advanced Low level.

front page news articles fluently with little recourse to a dictionary.

## ARAB 311R - Third-Year Conversation

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
311R

**Teaching Area**
ARAB

**Course Title**
Third-Year Conversation

**Course Description**
Advanced conversation skills.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

### Credit Hours

**Min**
1

**Max**
2

### Lecture Hours

**Min**
1

**Max**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARAB 202 - Intermediate Arabic

**Additional Comments:**

**Title**
Vocabulary Mastery

**Tags**
189354, 2

**Learning Outcome**
Demonstrate a mastery of the vocabulary used to describe, narrate and express opinions about current events.

## ARAB 331 - Spoken Arabic

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
331

**Teaching Area**
ARAB

**Course Title**
Spoken Arabic

**Course Description**
Intensive study of the spoken language.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARAB 202 - Intermediate Arabic

**Additional Comments:**

**Title**
Vocabulary

**Tags**
189355, 2

**Learning Outcome**
Demonstrate a mastery of the vocabulary necessary to narrate, describe and express opinion on a variety of topics.

| Title | Tags |
| --- | --- |
| Speaking | 189821, 1 |

**Learning Outcome**
Speak vernacular Arabic at the ACTFL Advanced Low level. Show an ability to distinguish between vernacular and formal Arabic in word choice and pronunciation.

| Title | Tags |
| --- | --- |
| Structures | 189822, 3 |

**Learning Outcome**
Demonstrate a command of the essential structures of grammatical spoken Arabic: agreement, verb conjugation, word order, etc., and an increasing command of native-like expression, word choice and idiomatic expression.

| Title | Tags |
| --- | --- |
| Speaking | 189823, 1 |

**Learning Outcome**
Speak vernacular Arabic at or near the ACTFL Advanced Mid level. Demonstrate significant ability to exploit the resources of both vernacular and formal Arabic in word choice and pronunciation.

## ARAB 361 - Introduction to Modern Arabic Literature in Translation

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
361

**Teaching Area**
ARAB

**Course Title**
Introduction to Modern Arabic Literature in Translation

**Course Description**
Reading and discussion of representative sample of modern Arabic short stories, novels, plays, and poetry. All readings in English.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Translation

**Tags**
189661, 1

**Learning Outcome**
Students will deepen their understanding of modern Arab literature in translation.

**Title**
Demonstrate translation knowledge

**Tags**
189662, 2

**Learning Outcome**
Students will demonstrate knowledge in modern Arab literature in translation.

## ARAB 362 - Introduction to Medieval Arabic Literature in Translation

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
362

**Teaching Area**
ARAB

**Course Title**
Introduction to Medieval Arabic Literature in Translation

**Course Description**
Reading and discussion of representative sample of medieval Arabic literature. All readings in English.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Translation

**Tags**
189663, 1

**Learning Outcome**
Students will deepen their understanding of medival Arab literature in translation.

**Title**
Demonstrate Knowledge

**Tags**
189664, 2

**Learning Outcome**
Students will demonstrate knowledge in medival Arab literature in translation.

## ARAB 377 - Arabic Language Teaching

## ARAB 411R - Advanced Formal Arabic

## Methods

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
377

**Teaching Area**
ARAB

**Course Title**
Arabic Language Teaching Methods

**Course Description**
Language acquisition theories and instructional practices specific to Arabic language classrooms at various levels. Lectures, demonstrations, microteaching.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Methods Evaluation

**Tags**
189500, 1

**Learning Outcome**
critically evaluate methods in foreign language pedagogy

**Title**
Curriculum Development

**Tags**
189501, 3

**Learning Outcome**
develop effective curricula, syllabi, and lesson plans

**Title**
Lesson Plan Development

**Tags**
189502, 4

**Learning Outcome**
effectively implement lesson plans

## Conversation and Rhetorical Skills

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
411R

**Teaching Area**
ARAB

**Course Title**
Advanced Formal Arabic Conversation and Rhetorical Skills

**Course Description**
Advanced conversation and rhetorical skills based on point/counterpoint debates.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARAB 311R - Third-Year Conversation

**Additional Comments:**

**Recommended**
Arab 422R

**Title**
Advanced Arabic Conversation and Rhetorical Skills

**Tags**
181557, 1

**Learning Outcome**
Through debates and other activities, students will demonstrate proficiency in advanced conversational skills and rhetorical skills appropriate in Arabic-speaking cultures.

| Title | Tags |
| --- | --- |
| Basic Concepts | 189643, 2 |

**Learning Outcome**
thoughtfully articulate what it means to know, learn, and teach a foreign language

| Title | Tags |
| --- | --- |
| Advanced Arabic Conversation and Rhetorical Skills | 189356, 1 |

**Learning Outcome**
Through debates and other activities, students will demonstrate proficiency in advanced conversational skills and rhetorical skills appropriate in Arabic-speaking cultures.

## ARAB 421R - Fourth-Year Arabic Writing Tutorial

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
421R

**Teaching Area**
ARAB

**Course Title**
Fourth-Year Arabic Writing Tutorial

**Course Description**
Essay and letter writing in Arabic.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Writing | 189357, 1 |

**Learning Outcome**
Write short essays, journal entries and notes at the ACTFL intermediate high level.

## ARAB 422R - Advanced Spoken Arabic

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
422R

**Teaching Area**
ARAB

**Course Title**
Advanced Spoken Arabic

**Course Description**
Movies, plays, and other texts in spoken Arabic.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Media and rhetorical skills | 189630, 0 |

**Learning Outcome**
Students will engage and analyze advanced point/counterpoint media events from a rhetorical viewpoint; they will participate in similar events themselves, with increasing accuracy in displaying prominent features of Arabic rhetorical style; the linguistic accuracy and fluency of their speaking performance will also improve.

## ARAB 423R - Current Events in Arabic

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
423R

## ARAB 424R - Modern Arabic Literature

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
424R

**Teaching Area**
ARAB
**Course Title**
Current Events in Arabic
**Course Description**
Current events from online oral and written news sources, including high-level discussions of causes and context with written analyses and oral presentations.
**Department**
Asian & Near Eastern Lang
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking and Writing | 189740, 1 |

**Learning Outcome**
Demonstrate an ability to speak and write fluently in Arabic about current events in the Middle East, expressing and supporting opinion, and giving detailed descriptions and analyses of the events.

**Teaching Area**
ARAB
**Course Title**
Modern Arabic Literature
**Course Description**
Readings in modern Arabic literature.
**Department**
Asian & Near Eastern Lang
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Key Works | 189359, 1 |

**Learning Outcome**
Students will demonstrate their knowledge and understanding of major works and genres in verbal and written forms.

| Title | Tags |
| --- | --- |
| Linguistic Content | 189360, 3 |

**Learning Outcome**
Students will demonstrate an ability to understand and analyze the linguistic features of important Arabic literary texts.

| Title | Tags |
| --- | --- |
| Issues | 189626, 1 |

**Learning Outcome**
Students will demonstrate their understanding of the major issues of Modern Arabic Literature.

## ARAB 425R - Classical Arabic Texts

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
425R

**Teaching Area**
ARAB

**Course Title**
Classical Arabic Texts

**Course Description**
Quran, Hadith, Sira, Adab.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Human Experience

**Tags**
189361, 1

**Learning Outcome**
Students will demonstrate their understanding of the human aspects of premodern literature.

**Title**
Comparative

**Tags**
189631, 2

**Learning Outcome**
Students will be able to analyze and discuss the influence of the pre-modern language on present-day Arabic.

**Title**
Key Works

**Tags**
189654, 1

**Learning Outcome**
Students will demonstrate their knowledge and understanding of major works and genres

## ARAB 426R - Advanced Arabic Grammar

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
426R

**Teaching Area**
ARAB

**Course Title**
Advanced Arabic Grammar

**Course Description**
The morphology and syntax of modern Arabic, including advanced vocabulary study.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Difficult Texts

**Tags**
189362, 1

**Learning Outcome**
Demonstrate in increased ability to understand very difficult Arabic texts, by relying on a firm grasp of the vocabulary and grammar of the language, as well as techniques for figuring out difficult structures that present themselves.

major works and genres.

## ARAB 427 - Arab Women Authors

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
427

**Teaching Area**
ARAB

**Course Title**
Arab Women Authors

**Course Description**
Reading and discussion of a selection of works by leading women authors from the Arab world. Both readings and discussions are in Arabic.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Completion of BYU Arabic study abroad program, or equivalent.

## ARAB 490R - Independent Readings

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
490R

**Teaching Area**
ARAB

**Course Title**
Independent Readings

**Course Description**
Independent readings of Arabic materials.

**Department**
Asian & Near Eastern Lang

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags | Learning Outcome |
|---|---|---|
| Reading | 189503, 1 | Read selected texts at the advanced lo level. |
| Context | 189504, 2 | Demonstrate an understanding of the place of those texts in the world of Arabic writing. |

## ARAB 495R - Directed Studies in Arabic

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
495R

**Teaching Area**

## ARAB 531R - Advanced Topics in Arabic

### Course Information

**Teaching Area (new)**
ARAB

**Course Number**
531R

**Teaching Area**

ARAB
**Course Title**
Directed Studies in Arabic
**Course Description**
Individual tutorial in topic of student choice; lexical development; major oral and written report in Arabic.
**Department**
Asian & Near Eastern Lang
**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARAB 302 - Newspaper Arabic

**Additional Comments:**

**Recommended**
Arab 424, 425, 426

| Title | Tags |
|---|---|
| Reporting and Presenting in Advanced Arabic | 189646, 0 |

**Learning Outcome**
Mastery of all of the vocabulary needed for superior level conversation/presentation/writing on the broad topic chosen by the student; advanced to superior level fluency and accuracy in conversation on this topic; professional level oral Arabic report presented to peers and community; accompanying written Arabic report; both reports included in program portfolio (video and paper).

ARAB
**Course Title**
Advanced Topics in Arabic
**Course Description**
Advanced studies in Arabic language and literature.
**Department**
Asian & Near Eastern Lang
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| Demonstrate Knowledge | 189665, 1 |

**Learning Outcome**
Students will demonstrate knowledge in advance study in Arab topics.

## ARMEN 100 - Language Study: Armenian

## ARMEN 101 - First-Year Language Study: Armenian

## Course Information

**Teaching Area (new)**
ARMEN

**Course Number**
100

**Teaching Area**
ARMEN

**Course Title**
Language Study: Armenian

**Course Description**
Survival-level conversation, reading, listening, and culture skills in the target language Armenian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
195622, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title**
Social Situations

**Tags**
195628, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

**Title**
Follow Instructions

**Tags**
195636, 3

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## Course Information

**Teaching Area (new)**
ARMEN

**Course Number**
101

**Teaching Area**
ARMEN

**Course Title**
First-Year Language Study: Armenian

**Course Description**
Beginning speaking, listening, reading, and writing skills in Armenian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
195645, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
195650, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**
Writing

**Tags**
195655, 3

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-

accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195661, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## ARMEN 102 - First-Year Language Study: Armenian

### Course Information

**Teaching Area (new)**
ARMEN
**Course Number**
102
**Teaching Area**
ARMEN
**Course Title**
First-Year Language Study: Armenian
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Armenian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARMEN 101 - First-Year Language Study: Armenian

## ARMEN 201 - Second-Year Language Study: Armenian

### Course Information

**Teaching Area (new)**
ARMEN
**Course Number**
201
**Teaching Area**
ARMEN
**Course Title**
Second-Year Language Study: Armenian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Armenian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARMEN 102 - First-Year Language Study: Armenian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 195667, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 195669, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 195677, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 195680, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 195686, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 195690, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 195691, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 195697, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## ARMEN 202 - Second-Year Language Study: Armenian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ARMEN | 202 |

**Teaching Area**
ARMEN
**Course Title**
Second-Year Language Study: Armenian
**Course Description**
Continued emphasis on Armenian communication skills, vocabulary building, and cultural awareness.
**Department**

## ARMEN 305 - Language Skills Development: Armenian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ARMEN | 305 |

**Teaching Area**
ARMEN
**Course Title**
Language Skills Development: Armenian
**Course Description**
Increasing proficiency in one or more of the following Armenian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ARMEN 201 - Second-Year Language Study: Armenian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

| Title | Tags |
|---|---|
| Communication Skills | 195701, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 195707, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native

**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 195722, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 195727, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 195732, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195711, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195715, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## ARMEN 321 - Advanced Grammar: Armenian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARMEN | 321 |

**Teaching Area**
ARMEN
**Course Title**
Advanced Grammar: Armenian
**Course Description**
Systematic review of grammar and syntax of Armenian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## ARMEN 330 - Advanced Language Proficiency Through Cultural Studies: Armenian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARMEN | 330 |

**Teaching Area**
ARMEN
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Armenian
**Course Description**
Study of Armenian using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ARMEN 202 - Second-Year Language Study: Armenian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 195736, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 195737, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 195740, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Armen 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 195743, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 195744, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195745, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 195746, 4 |

Learning Outcome
Complete Languages of Learning

and Global & Cultural Awareness
for General Education.

## ARMEN 340 - Introduction to Literature: Armenian

### Course Information

**Teaching Area (new)**
ARMEN
**Course Number**
340
**Teaching Area**
ARMEN
**Course Title**
Introduction to Literature: Armenian
**Course Description**
Advanced study of literature of Armenian literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARMEN 330 - Advanced Language Proficiency Through Cultural Studies: Armenian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 195747, 1 |

## ARMEN 350 - Advanced Language Study for Career Purposes: Armenian

### Course Information

**Teaching Area (new)**
ARMEN
**Course Number**
350
**Teaching Area**
ARMEN
**Course Title**
Advanced Language Study for Career Purposes: Armenian
**Course Description**
Concentration on Armenian language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARMEN 330 - Advanced Language Proficiency Through Cultural Studies: Armenian

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 195751, 1 |

**Learning Outcome**
Develop overall language and

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 195748, 2 |

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 195749, 3 |

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 195750, 4 |

Learning Outcome
Improve target-language reading, writing, and speaking skills.

cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 195752, 2 |

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 195753, 3 |

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 195754, 4 |

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

## ART 101 - Introduction to Art and Drawing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 101 |

Teaching Area
ART
Course Title
Introduction to Art and Drawing
Course Description
Readings, aesthetic topics, basic drawing and compositional techniques and concepts.
Department
Art
When Taught
Fall; Winter; Spring; Summer.

Credit Hours

## ART 102 - Introduction to Art: 2D

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 102 |

Teaching Area
ART
Course Title
Introduction to Art: 2D
Course Description
Formal and conceptual consideration of design and composition using a variety of media and systems.
Department
Art
When Taught
Fall; Winter; Spring Odd Yrs.; Summer Even Yrs..

Credit Hours

Credit Hours

Min
3

Fixed
3

Lecture Hours

Fixed
2

Lab Hours

Fixed
4

Other Prerequisites
Some sections will be reserved for Freshman/Sophomore students or Art minors.

| Title | Tags | Learning Outcome |
|---|---|---|
| Skill Development | 54784, 0, 0, 2021-07-26 11:18:55 | Students will exhibit fundamental knowledge and skill in a variety of media |
| Aesthetic Sensibilities | 54783, 0, 1 | Students will develop perceptive and inventive skills using various art media as a means to developing a personal voice. |
| Historical and Contemporary Context | 54782, 0, 2 | Students will become familiar with the work of artists both past and present |

Credit Hours

Min
3

Fixed
3

Lecture Hours

Fixed
2

Lab Hours

Fixed
4

| Other Prerequisites | Recommended |
|---|---|
| Pre-major Art, Pre-major Art Education, or Art Education Minor status | Concurrent enrollment in ART 133 and ART 226 |

| Title | Learning Outcome |
|---|---|
| Spatial Skills | Students will comprehend and apply perceptual systems for representing and organizing space and form. |
| Technical Skills | Students will be introduced to a variety of techniques, mediums and craft approaches in creating perceptual objects. |
| Individual Approach | Students will initiate the development of personal concepts and explore creative problem solving |
| Contextual Awareness | Students will articulate connections between their own work and historic and contemporary artmaking |

## ART 104 - Introduction to Sculpture for Non-Majors

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ART | 104 |

Teaching Area

## ART 105 - Introduction to Ceramics for Non-Majors

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ART | 105 |

Teaching Area

Teaching Area
ART
Course Title
Introduction to Sculpture for Non-Majors
Course Description
Basic sculpture processes and concepts, including lecture, demonstrations, lab time, slide lectures, some art historical material.
Department
Art
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
4

Note
Fee.

| Title | Tags |
| --- | --- |
| Skill Development | 65056, 2 |

Learning Outcome
Students will learn the sculptural basics of carving, casting and fabrication in relation to original art work.

| Title | Tags |
| --- | --- |
| Evaluate | 66068, 3 |

Learning Outcome
Students will learn to evaluate their own sculptural works and that of others through regularly scheduled critiques. Work will be compared to contemporary and traditional standards of thought and practice applied to 3 dimensional art.

| Title | Tags |
| --- | --- |
| Context | 66069, 0 |

Learning Outcome
Students will develop an

Teaching Area
ART
Course Title
Introduction to Ceramics for Non-Majors
Course Description
Basic throwing, hand-building skills, vocabulary, and technique for non-art majors, including lecture, demonstrations, lab time, slide lectures, some art historical material.
Department
Art
When Taught
All Semesters/Terms

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
4

Note
Fee.

| Title | Tags |
| --- | --- |
| Composition and Design | 66062, 2 |

Learning Outcome
Students will learn the basics of ceramic forming techniques and design considerations.

| Title | Tags |
| --- | --- |
| Clay Properties, Vocabulary, and Surface | 66066, 1 |

Learning Outcome
Students will demonstrate a grasp of the fundamental properties of clay and glaze process. Students will learn applicable vocabulary to discuss surface options and issues they encounter in the formation of ceramic art.

| Title | Tags |
| --- | --- |
| Evaluate | 66067, 3 |

Learning Outcome
Students will learn to evaluate

understanding of conceptual and formal trends in contemporary sculpture through lectures, images and other means.

their own sculptural works and that of others through regularly scheduled critiques. Work will be compared to contemporary and traditional standards of thought and practice applied to 3 dimensional art.

| Title | Tags |
| --- | --- |
| Context | 66058, 0, 0 |

**Learning Outcome**

Students will explore examples of historical and contemporary ceramic art and process through lectures, images and other means.

## ART 110 - Painting for Non-Majors

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 110 |

**Teaching Area**
ART
**Course Title**
Painting for Non-Majors
**Course Description**
Paint media such as watercolor and acrylic will be presented; primary focus will be on oils. Course will explore both traditional and current modes of painting. Emphasis will be placed on developing a strong work ethic, development of a personal vocabulary in paint, and the exploration of a variety of painting processes.
**Department**
Art
**When Taught**
Fall; Winter.

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
4

## ART 120 - Watercolor for Non-Majors

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 120 |

**Teaching Area**
ART
**Course Title**
Watercolor for Non-Majors
**Course Description**
Introduction to aqueous media.
**Department**
Art
**When Taught**
Fall; Winter.

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
4

| Title | Tags |
| --- | --- |
| Painting Production | 185992, 1 |

| Title | Tags |
| --- | --- |
| Painting Production | 54476, 1 |

**Learning Outcome**
Students will increase their confidence as painters through the production of a significant body of paintings.

| Title | Tags |
| --- | --- |
| History & Context | 105805, 2 |

**Learning Outcome**

Students will gain a basic understanding of the history of painting and trends in contemporary painting.

| Title | Tags |
| --- | --- |
| Painting Materials | 105806, 3 |

**Learning Outcome**

Students will gain a basic understanding of the materials, techniques and terminology of oil painting.

| Title | Tags |
| --- | --- |
| Color | 105807, 4 |

**Learning Outcome**

Students will gain an understanding of color theory and color mixing as they related to painting.

**Learning Outcome**
Students will increase their confidence as painters through the production of a significant body of paintings.

| Title | Tags |
| --- | --- |
| History & Context | 185993, 2 |

**Learning Outcome**
Students will gain a basic understanding of the history of watercolor painting and trends in contemporary watercolor painting.

| Title | Tags |
| --- | --- |
| Painting Materials | 185994, 3 |

**Learning Outcome**
Students will gain a basic understanding of the materials, techniques and terminology of watercolor painting.

| Title | Tags |
| --- | --- |
| Color | 185995, 4 |

**Learning Outcome**
Students will gain an understanding of color theory and color mixing as they related to watercolor painting.

## ART 122 - Printmaking for Non-Majors

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 122 |

**Teaching Area**
ART
**Course Title**
Printmaking for Non-Majors
**Course Description**
Introduction to the basic materials, techniques, process, history, and aesthetics of intaglio, lithography, and relief printmaking processes.
**Department**
Art
**When Taught**
Fall

## ART 130 - Bookbinding

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 130 |

**Teaching Area**
ART
**Course Title**
Bookbinding
**Course Description**
Traditional approaches to hand bookbinding.
**Department**
Art
**When Taught**
Fall; Winter; Spring.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Fee
75
Note
Fee.

| Title | Tags |
| --- | --- |
| Printmaking Concepts, Theories, and History | 64703, 1 |

Learning Outcome
Students will Demonstrate an understanding of the basic concepts, theories, and history of intaglio, relief and lithographic printmaking.

| Title | Tags |
| --- | --- |
| Printmaking Techniques and Process | 64704, 2 |

Learning Outcome
Students will demonstrate an understanding of the basic techniques and processes of intaglio, relief and lithographic printmaking as introduced in class.

| Title | Tags |
| --- | --- |
| Application of Skills and Techniques | 64705, 3 |

Learning Outcome
Students will appropriately apply basic printmaking skills and techniques as introduced in class to make intaglio, relief and lithographic prints.

| Title | Tags |
| --- | --- |

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
4

Note
Fee.

| Title | Tags |
| --- | --- |
| Non-Traditional Book Structures | 54083, 0 |

Learning Outcome
Students will discuss and explore the construction of non-traditional book forms, using both traditional and non-traditional bookmaking materials.Old: Through exposure to many examples of artists' books, students will discuss and identify new ideas of what constitutes a Book and how non-traditional and re-purposed materials may successfully be used to create a book structure.

| Title | Tags |
| --- | --- |
| Historical Bookbinding Types | 54260, 0 |

Learning Outcome
Students will be able to identify the historic roots and time periods of various book forms from both western and eastern history.

| Title | Tags |
| --- | --- |
| Expression and Creativity | 54649, 0 |

Learning Outcome
Students will incorporate self-expression and creativity in their bookbinding projects.

| Title | Tags |
| --- | --- |
| Bookbinding Skills & Techniques | 54713, 0 |

Print Evaluation | 64706, 4

Learning Outcome
Students will be able to evaluate prints based on professional criteria and standards introduced in class.

Title
Aesthetic Awareness and Sensibilities

Tags
64707, 5

Learning Outcome
Students will demonstrate increased aesthetic awareness and sensibilities, particularly as they relate to printmaking, and successfully apply these in their art making.

Learning Outcome
Students will demonstrate proficiency in the use of basic bookbinding techniques, tools and equipment.

## ART 133 - Introduction to Art: 3D

### Course Information

Teaching Area (new)
ART

Course Number
133

Teaching Area
ART

Course Title
Introduction to Art: 3D

Course Description
Three-dimensional concepts, theories, and issues using a variety of media and processes. Readings, writings, and participation in course work exhibitions required.

Department
Art

When Taught
Fall; Winter; Summer.

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
2

#### Lab Hours

Fixed
4

Other Prerequisites

Recommended

## ART 200 - Studio Techniques for Art History

### Course Information

Teaching Area (new)
ART

Course Number
200

Teaching Area
ART

Course Title
Studio Techniques for Art History

Course Description
Introduction to art techniques, materials, and practices directed toward art history majors.

Department
Art

When Taught
Contact Department

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
2

#### Lab Hours

Fixed
4

Note
Fee.

Pre-major Art, Pre-major Art Education, Art Education Minor, or Art Minor status.

Recommended
Concurrent enrollment in ART 102 and ART 226

Note
Fee.

| Title | Learning Outcome |
|---|---|
| Spatial Skills | Students will comprehend and apply perceptual systems for representing and organizing space and form. |

| Title | Learning Outcome |
|---|---|
| Technical Skills | Students will be introduced to a variety of techniques, mediums and craft approaches in creating perceptual objects |

| Title | Learning Outcome |
|---|---|
| Individual Approach | Students will initiate the development of personal concepts and explore creative problem solving |

| Title | Learning Outcome |
|---|---|
| Contextual Awareness | Students will articulate connections between their own work and historic and contemporary artmaking |

| Title | Tags | Learning Outcome |
|---|---|---|
| Western Art History and Techniques | 54201, 1 | Students will become familiar with processes and techniques historically used in the Western tradition. These include drawing, oil painting, watercolor, fresco, tempera, addative and subtractive scupture, casting, ceramics and printmaking. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Effective Communication | 54347, 1 | Students will become able to describe these processes and techniques, verbally and in writing. |

## ART 210 - New Genres and Interdisciplinary Projects

### Course Information

**Teaching Area (new)**
ART

**Course Number**
210

**Teaching Area**
ART

**Course Title**
New Genres and Interdisciplinary Projects

**Course Description**
Developing an artistic voice while exploring new genres of art making including installation, digital, time-based, performance, sound, and technology-based work. Includes an introduction to hybridized, collaborative, and cross-disciplinary art projects.

**Department**
Art

**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3

## ART 215 - Painting Fundamentals

### Course Information

**Teaching Area (new)**
ART

**Course Number**
215

**Teaching Area**
ART

**Course Title**
Painting Fundamentals

**Course Description**
Fundamentals in oil painting and aqueous media.

**Department**
Art

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 133 - Introduction to Art: 3D
  **AND** ART 226 - Approaches to Artmaking

**Additional Comments:**

**Other Prerequisites**
Acceptance to a Department of Art degree program.

| Title | Tags |
|---|---|
| Non-Traditional Approaches | 54613, 3 |

**Learning Outcome**
Students will expand their art practice by engaging in a variety of non-traditional approaches to art production, while incorporating a conceptual framework in their exploration.

| Title | Tags |
|---|---|
| New Genre Art Practices | 54704, 1 |

**Learning Outcome**
Students will develop a basic understanding of New Genre art practices and their origins, including relevant themes and concerns.

| Title | Tags |
|---|---|
| Production | 54705, 2 |

**Learning Outcome**
Students will produce a body of work demonstrating a developing understanding and engagement with the themes and concepts explored in class.

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- ART 102 - Introduction to Art: 2D
  **AND** ART 226 - Approaches to Artmaking

**Additional Comments:**

**Other Prerequisites**
Acceptance to a Department of Art degree program.

| Title | Tags |
|---|---|
| Painting Materials | 54364, 2 |

**Learning Outcome**
Students will gain a basic understanding of the materials of painting.

| Title | Tags |
|---|---|
| Painting Production | 54458, 1 |

**Learning Outcome**
Students will increase their confidence as painters through the production of a significant body of paintings.

| Title | Tags |
|---|---|
| Contemporary Painting and Painting History | 54596, 3 |

**Learning Outcome**
Students will expand their knowledge of contemporary painting and the history of painting.

## ART 216 - Ceramics Fundamentals

### Course Information

**Teaching Area (new)**
ART

**Course Number**
216

**Teaching Area**
ART

**Course Title**
Ceramics Fundamentals

**Course Description**
Foundation ceramics.

**Department**
Art

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- ART 133 - Introduction to Art: 3D
  **AND** ART 226 - Approaches to Artmaking

**Additional Comments:**

**Other Prerequisites**
Acceptance to a Department of Art degree program.

**Title**
Craft and Creative Issues

**Tags**
54088, 3

**Learning Outcome**
Students will read and discuss a variety of related issues, including writings on contemporary arts and crafts and personal creative sources.

## ART 217 - Sculpture Fundamentals

### Course Information

**Teaching Area (new)**
ART

**Course Number**
217

**Teaching Area**
ART

**Course Title**
Sculpture Fundamentals

**Course Description**
Foundation sculpture.

**Department**
Art

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- ART 133 - Introduction to Art: 3D
  **AND** ART 226 - Approaches to Artmaking

**Additional Comments:**

**Other Prerequisites**
Acceptance to a Department of Art degree program.

**Title**
Aesthetic Understanding and Sensibility

**Tags**
106799, 1

**Learning Outcome**
Students will demonstrate a basic aesthetic understanding and sensibility in their work.

| Title | Tags |
| --- | --- |
| Visual Imagery and Ceramics | 54133, 2 |

**Learning Outcome**
Students will find and explore visual imagery and gain a sense of historical and contemporary ceramics.

| Title | Tags |
| --- | --- |
| Clay Properties, Challenges, and Glazing | 54715, 1 |

**Learning Outcome**
Students will demonstrate a grasp of the fundamental properties of clay, explore glazing options, and encounter the challenges of the medium.

| Title | Tags |
| --- | --- |
| Sculptural Skills and Processes | 106802, 2 |

**Learning Outcome**
Students will demonstrate basic skills in sculptural processes.

| Title | Tags |
| --- | --- |
| Contemporary Sculpture | 106804, 3 |

**Learning Outcome**
Students will expand their knowledge of contemporary sculpture on a fundamental level

## ART 220 - Introduction to Drawing and Figure Drawing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 220 |

**Teaching Area**
ART
**Course Title**
Introduction to Drawing and Figure Drawing
**Course Description**
Perceptive and inventive drawing and fundamental study of the figure using a variety of media and methods.
**Department**
Art
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
4

## ART 225 - Printmaking Fundamentals

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 225 |

**Teaching Area**
ART
**Course Title**
Printmaking Fundamentals
**Course Description**
Introduction to the basic materials, techniques, history, and aesthetics of intaglio, lithography, and other printmaking processes.
**Department**
Art
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Prerequisites**

Simple Requisites

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- ART 102 - Introduction to Art: 2D
  **AND** ART 226 - Approaches to Artmaking

**Additional Comments:**

**Other Prerequisites**
Acceptance to a Department of Art degree program.

| Title | Tags |
|---|---|
| Intuition in Drawing | 54393, 3 |

**Learning Outcome**
Students will strengthen perceptive and inventive drawing skills.

| Title | Tags |
|---|---|
| Figure Drawing History | 54419, 1 |

**Learning Outcome**
Students will become familiar with the work of artists both past and present who implement the use of the human figure in art making.

| Title | Tags |
|---|---|
| Figure Drawing Skills | 54420, 0 |

**Learning Outcome**
Students will exhibit fundamental knowledge and skills in drawing the human figure.

| Title | Tags |
|---|---|
| Drawing Materials and Tools | 54599, 2 |

**Learning Outcome**
Students will exhibit fundamental skills in using a variety of art making tools.

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 102 - Introduction to Art: 2D
  **AND** ART 226 - Approaches to Artmaking

**Additional Comments:**

**Other Prerequisites**
Acceptance to a Department of Art degree program.

| Title | Tags |
|---|---|
| Aesthetic Awareness and Sensibilities | 54280, 4 |

**Learning Outcome**
Students will demonstrate increased aesthetic awareness and sensibilities, particularly as they relate to printmaking, and successfully apply these in their art making.

| Title | Tags |
|---|---|
| Print Evaluation | 54418, 3 |

**Learning Outcome**
Students will be able to evaluate prints based on professional criteria and standards introduced in class.

| Title | Tags |
|---|---|
| Printmaking Concepts, Theories, and History | 170197, 0 |

**Learning Outcome**
Students will demonstrate an understanding of the basic concepts, theories, and history of intaglio, relief, screen, and lithographic printmaking.

| Title | Tags |
|---|---|
| Printmaking Techniques and Process | 170198, 1 |

**Learning Outcome**
Students will demonstrate an understanding of the basic techniques and processes of intaglio, relief, screen, and lithographic printmaking as introduced in class.

**Title**

Application of Skills and Techniques

**Tags**
170199, 2

**Learning Outcome**
Students will appropriately apply basic printmaking skills and techniques as introduced in class to make intaglio, relief, screen, and lithographic prints.

## ART 226 - Approaches to Artmaking

### Course Information

**Teaching Area (new)**
ART

**Course Number**
226

**Teaching Area**
ART

**Course Title**
Approaches to Artmaking

**Course Description**
A broad theoretical and historical framework for the production and understanding of contemporary creative practices, including those that are interdisciplinary. Content integrated with and applied in other core and advanced studio courses.

**Department**
Art

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Pre-major Art, Pre-major Art Education, Art Education minor, or Art minor status.

**Recommended**
Concurrent enrollment in ART 102 and ART 226

## ART 240 - Print and Web Design for Studio Artists

### Course Information

**Teaching Area (new)**
ART

**Course Number**
240

**Teaching Area**
ART

**Course Title**
Print and Web Design for Studio Artists

**Course Description**
Introduction to web and print design for art majors. Students will apply skills and concepts gained in the first-year Core program to design problems. This course builds on art students' studio art training and provides a broad introduction to the methods, concepts, and tools of web and print design that students can apply in studio art making, in promoting their work and careers, and in professional contexts.

**Department**
Art

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ART 102 - Introduction to Art: 2D
  **AND** ART 226 - Approaches to Artmaking

**Additional Comments:**

**Other Prerequisites**
Acceptance to an art program, either Art BA, Art Ed BA, or Art BFA.

| Title | Tags |
|---|---|
| Design Fundamentals and Processes | 208253, 0, 1 |

**Learning Outcome**
Students will implement the steps that guide a designer to effective solutions, will apply compositional skills to design problems, and will learn and apply fundamentals of 2D design such as grid systems and the basics of typography.

| Title | Tags |
|---|---|
| Technical Proficiency | 208254, 0, 2 |

**Learning Outcome**
Students will become proficient in the technical fundamentals of print and web design and production.

| Title | Tags |
|---|---|
| Professional Practices | 208255, 0, 3 |

**Learning Outcome**
Students will employ professional practices in supporting their art by developing materials such as a portfolio website and will become aware of professional opportunities for studio artstis to deploy their art skills in commercial contexts.

## ART 260 - Photography Fundamentals

### Course Information

**Teaching Area (new)**
ART
**Course Number**
260
**Teaching Area**
ART
**Course Title**
Photography Fundamentals
**Course Description**
This class serves as an introduction to contemporary art photography and is designed to help familiarize students with current themes and movements within the medium while building a foundation of pertinent technical skills.

## ART 310 - Installation

### Course Information

**Teaching Area (new)**
ART
**Course Number**
310
**Teaching Area**
ART
**Course Title**
Installation
**Course Description**
Developing an artistic voice while exploring various installation art practices.
**Department**
Art

pertinent technical skills.

**Department**
Art
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- ART 102 - Introduction to Art: 2D
  **AND** ART 226 - Approaches to Artmaking

**Additional Comments:**

**Other Prerequisites**
Acceptance into an Art or Art Education major

| Title | Tags |
|---|---|
| Specialization and Proficiency | 186040, 1 |

**Learning Outcome**
Students will develop essential camera skills and a basic knowledge of editing software.

| Title | Tags |
|---|---|
| Photography in Contemporary Art | 186041, 2 |

**Learning Outcome**
Students will gain an understanding of the role of photography within the contemporary art dialogue, including a familiarity with a range of prominent artists, key concepts, and movements related to the medium.

Art
**When Taught**
Fall Even Yrs..

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 210 - New Genres and Interdisciplinary Projects

**Additional Comments:**

| Title | Tags |
|---|---|
| Develop a Body of Work | 54195, 2 |

**Learning Outcome**
Students will produce a body of work demonstrating an active engagement with the themes and concepts explored in class, while also reflecting their personal voice.

| Title | Tags |
|---|---|
| Production | 54271, 5 |

**Learning Outcome**
Students will produce a body of work demonstrating an active engagement with the themes and concepts explored in class, while also reflecting their personal voice.

| Title | Tags |
|---|---|
| Effective Writing and Communication | 54388, 6 |

| Title | Tags |
| --- | --- |
| Personal Art Development | 186042, 3 |

**Learning Outcome**
Students will develop new strategies for art making while addressing conceptual concerns in their work.

**Learning Outcome**
Students will develop the ability to successfully discuss their ideas and artistic intentions in both academic and non-academic settings.

| Title | Tags |
| --- | --- |
| Conceptual Articulation | 54412, 3 |

**Learning Outcome**
Students will develop the ability to successfully discuss their ideas and artistic intentions in both academic and non-academic settings.

| Title | Tags |
| --- | --- |
| New Genre Fundamentals | 54445, 4 |

**Learning Outcome**
Students will develop an in-depth understanding of New Genre art practices and their origins, including a familiarity with prominent artists, key works, significant movements and relevant themes.

| Title | Tags |
| --- | --- |
| Background of New Genre | 104589, 1 |

**Learning Outcome**
Students will develop an in-depth understanding of New Genre art practices and their origins, including a familiarity with prominent artists, key works, significant movements and relevant themes.

## ART 320 - 20th Century Art and Theory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 320 |

**Teaching Area**
ART
**Course Title**
20th Century Art and Theory
**Course Description**
Survey of modernism and postmodernism with their varied theories and methodologies as related to visual culture and art.
**Department**
Art
**When Taught**
Fall and Winter

## ART 321 - Drawing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 321 |

**Teaching Area**
ART
**Course Title**
Drawing
**Course Description**
Drawing as a graphic form of self-expression, emphasizing personal statement in response to various experiences and concepts.
**Department**
Art
**When Taught**
Winter

Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ART 226 - Approaches to Artmaking
  **AND** ARTHC 201 - World Civilization to 1500
  **AND** ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Comprehension | 185996, 1 |

**Learning Outcome**
Demonstrate a comprehension of modernism and postmodernism with their wide-ranging theories as related to visual culture and art.

| Title | Tags |
|---|---|
| Spiritual and Ethical | 185997, 2 |

**Learning Outcome**
Examine the spiritual and ethical implications of the varied artistic and cultural theories of the 20th Century.

| Title | Tags |
|---|---|
| Strategies and Methodologies | 185998, 3 |

**Learning Outcome**
Evaluate significant strategies and methodologies for art production during the 20th

Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ART 220 - Introduction to Drawing and Figure Drawing

**Additional Comments:**

| Title | Tags |
|---|---|
| Research and Idea Development | 54166, 3 |

**Learning Outcome**
Students will develop ideas and conceptual content of work through research and related art production.

| Title | Tags |
|---|---|
| Perceptive and Inventive Drawing | 54497, 2 |

**Learning Outcome**
Students will exhibit fundamental knowledge and skill in perceptive and inventive drawing.

| Title | Tags |
|---|---|
| Drawing Past and Present | 54521, 1 |

**Learning Outcome**
Students will become familiar with drawing work by artists both past and present.

Century

## ART 326 - Current Art Practice

### Course Information

**Teaching Area (new)**
ART
**Course Number**
326
**Teaching Area**
ART
**Course Title**
Current Art Practice
**Course Description**
Current issues in art.
**Department**
Art
**When Taught**
Winter.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ART 226 - Approaches to Artmaking
  **AND** ART 320 - 20th Century Art and Theory

**Additional Comments:**

**Other Prerequisites**
Acceptance to the Art program.

| Title | Tags |
|---|---|
| Contextualization | 54274, 2 |

**Learning Outcome**
Students will contextualize their own art in relation to contemporary art and practice

## ART 327 - Painting

### Course Information

**Teaching Area (new)**
ART
**Course Number**
327
**Teaching Area**
ART
**Course Title**
Painting
**Course Description**
Fundamental concepts and techniques of oil painting.
**Department**
Art
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ART 215 - Painting Fundamentals

**Additional Comments:**

| Title | Tags |
|---|---|
| Production | 54098, 1 |

**Learning Outcome**
Students will produce a significant body of paintings based in personal interests and areas of focus

contemporary art and practice through research, readings, writing, and presentations.

| Title | Tags |
| --- | --- |
| Awareness | 54411, 1 |

**Learning Outcome**
Students will develop a greater awareness of significant contemporary art and exhibitions.

| Title | Tags |
| --- | --- |
| Critical Thinking | 54626, 3 |

**Learning Outcome**
Students will critically examine spiritual values and ethical issues relevant to contemporary art and their own artistic practice.

| Title | Tags |
| --- | --- |
| Past and Present Art Context | 54461, 2 |

**Learning Outcome**
Students will gain a contextual understanding of art both past and present as related to their own artistic production

| Title | Tags |
| --- | --- |
| Painting Methods and Materials | 54692, 3 |

**Learning Outcome**
Students will develop an in-depth understanding of the methods and materials of painting

## ART 328R - Figure Drawing and Painting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 328R |

**Teaching Area**
ART
**Course Title**
Figure Drawing and Painting
**Course Description**
The human form in two-dimensional art. Exploration of ideas and issues related to figurative art, both past and present.
**Department**
Art
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

## ART 330 - Advanced Bookbinding

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 330 |

**Teaching Area**
ART
**Course Title**
Advanced Bookbinding
**Course Description**
This course will instruct students in advanced techniques for bookbinding as well as engaging with the creative, contextual, and content-oriented possibilities of the medium.
**Department**
Art
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 215 - Painting Fundamentals
  **AND** ART 220 - Introduction to Drawing and Figure Drawing

**Additional Comments:**

**Other Prerequisites**
Students wishing to focus primarily on figure painting should complete Art 327 as a prerequisite.

| Title | Tags |
|---|---|
| Observation | 186033, 1 |

**Learning Outcome**

Create a significant body of work that demonstrates a skill and understanding for how the human form is described in painting. This includes training in both traditional and inventive art processes.

| Title | Tags |
|---|---|
| Historical Context | 186034, 2 |

**Learning Outcome**
2. Become familiar with the work of artists both past and present who implement the use of the human figure in art making.

| Title | Tags |
|---|---|
| Self-Assessment | 186035, 3 |

**Learning Outcome**
3. Critically examine their artwork and its relationship to spiritual values and ethical issues relevant to art.

| Title | Tags |
|---|---|
| Self-direction | 186036, 4 |

**Learning Outcome**
4. Create a self-guided project based on a concept that incorporates the human form through a medium of their choice.

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 130 - Bookbinding

**Additional Comments:**

# ART 332 - Book Arts

## Course Information

**Teaching Area (new)**
ART

**Course Number**
332

**Teaching Area**
ART

**Course Title**
Book Arts

**Course Description**
Exploring the construction of non-traditional book forms, using both traditional and non-traditional bookmaking materials.

**Department**
Art

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 130 - Bookbinding

**Additional Comments:**

**Other Prerequisites**
Acceptance into major.

# ART 333 - Painting-Mixed Media

## Course Information

**Teaching Area (new)**
ART

**Course Number**
333

**Teaching Area**
ART

**Course Title**
Painting-Mixed Media

**Course Description**
Exploring multiple aqueous media and painting mediums and processes as they relate to problem solving, idea development, and art-making.

**Department**
Art

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 215 - Painting Fundamentals

**Additional Comments:**

**Title**
Exploration of the Medium

**Tags**
54149, 0

**Learning Outcome**
Students will explore a variety of painting mediums and methods.

**Title**
Production

**Tags**
54278, 2

Learning Outcome
Students will produce a significant body of paintings based in personal interests and areas of focus.

| Title | Tags |
| --- | --- |
| Context in History | 54377, 3 |

Learning Outcome
Students will gain a contextual understanding of art both past and present as related to their own artistic production.

| Title | Tags |
| --- | --- |
| Development and Execution of Ideas | 54405, 1 |

Learning Outcome
Students will gain proficiency in developing ideas and executing their ideas through the appropriate application of painting and 2D mediums and processes.

## ART 340 - Business Practices for Artists

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 340 |

Teaching Area
ART
Course Title
Business Practices for Artists
Course Description
The business of being an artist, exploring career options, alternative applications, interdisciplinary opportunities, and requisite preparation for career readiness.
Department
Art
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed

## ART 341 - Exhibition & Gallery Practices for Artists

### Course Information

Course Number
341
Teaching Area
ART
Course Title
Exhibition & Gallery Practices for Artists
Course Description
This course prepares students for the demands and requirements of careers in exhibition spaces through academic knowledge, critical thinking skills, and practical experience in gallery management.
Department
Art
When Taught
Fall and Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

3

### Lab Hours

Fixed
0

Other Prerequisites
Acceptance into major.

| Title | Tags |
|---|---|
| Ethics | 186011, 2 |

Learning Outcome
Critically examine spiritual values and ethical issues relevant to art as related to art practices and business

| Title | Tags |
|---|---|
| Portfolio Development | 186012, 3 |

Learning Outcome
Develop materials for presentation to art venues

| Title | Tags |
|---|---|
| Develop Professional Awareness | 186016, 1 |

Learning Outcome
Demonstrate an awareness of and preparation for graduate studies, teaching opportunities, professional gallery work, interdisciplinary opportunities, and other art related activities connected to alternative applications.

Fixed
2

### Lab Hours

Fixed
4

| Title | Learning Outcome |
|---|---|
| Art History and Context | Students will be familiar with historical contexts and frameworks of museums and galleries and how that informs contemporary artistic practice. |

| Title | Learning Outcome |
|---|---|
| Skill Development and Proficiency | Students will be able to handle, curate, install, and contextualize various types of art objects. |

| Title | Learning Outcome |
|---|---|
| Spirituality, Ethics, and Art | Students will be able to evaluate the ethics of curatorial and arts administrative methodologies and histories. |

| Title | Learning Outcome |
|---|---|
| Professional Development | Students will be able to operate within galleries and museums and understand the various roles and duties within them. |

## ART 350 - Advanced Printmaking: Intaglio, Relief & Monotype

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ART | 350 |

Teaching Area
ART
Course Title
Advanced Printmaking: Intaglio, Relief & Monotype
Course Description
Introduces advanced knowledge and technique of intaglio, relief and monotype printmaking beyond Printmaking Fundamentals course.
Department
Art
When Taught
Fall Odd Years

## ART 351 - Advanced Printmaking: Lithography & Screenprint

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ART | 351 |

Teaching Area
ART
Course Title
Advanced Printmaking: Lithography & Screenprint
Course Description
Introduces advanced knowledge and technique of screen print and lithography printmaking beyond Printmaking Fundamentals.
Department
Art
When Taught
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 225 - Printmaking Fundamentals

**Additional Comments:**

**Note**
Fee.

| Title | Tags |
| --- | --- |
| Advanced Printmaking Skills | 54145, 2 |

**Learning Outcome**
Students will develop advanced intaglio printmaking skills.

| Title | Tags |
| --- | --- |
| Advanced Intaglio Theory and Process | 54157, 4 |

**Learning Outcome**
Student will expand their knowledge and understanding of the theories, history, and processes of intaglio printmaking.

| Title | Tags |
| --- | --- |
| Personal Direction | 54501, 1 |

**Learning Outcome**
Students will strengthen the level of personal direction in their work.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 225 - Printmaking Fundamentals

**Additional Comments:**

**Note**
Fee.

| Title | Tags |
| --- | --- |
| Advanced Lithography Skills | 54742, 1 |

**Learning Outcome**
Students will develop advanced lithography skills.

| Title | Tags |
| --- | --- |
| History, Theories and Processes of Lithographic printmaking | 54743, 0 |

**Learning Outcome**
Students will expand their knowledge and understanding of the history, theories and processes of lithographic printmaking.

| Title | Tags |
| --- | --- |
| Printmaking Aesthetics and Personal Direction | 54744, 2 |

**Learning Outcome**
Students will demonstrate an increased sensitivity to the aesthetics of printmaking and develop a personal direction in their work

| Title | Tags |
| --- | --- |
| Aesthetic Awareness and Sensibilities | 54661, 3 |

**Learning Outcome**
Students will demonstrate an increased sensitivity to the aesthetics of intaglio printmaking and monotype.

## ART 353 - Time-Based Art

### Course Information

**Teaching Area (new)**
ART
**Course Number**
353
**Teaching Area**
ART
**Course Title**
Time-Based Art
**Course Description**
Exploring sound-based, video and performance art practices.
**Department**
Art
**When Taught**
Winter.

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 210 - New Genres and Interdisciplinary Projects

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Digital Art History and Practices | 54224, 0 |

## ART 355 - Interdisciplinary Projects

### Course Information

**Teaching Area (new)**
ART
**Course Number**
355
**Teaching Area**
ART
**Course Title**
Interdisciplinary Projects
**Course Description**
Research-driven, interdisciplinary art projects covering relational aesthetics, social practice, and spatial thinking. Course designed to encourage innovation, interaction, and collaboration, expanding students' engagement with art and taking it beyond the private studio.
**Department**
Art
**When Taught**
Fall.

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 210 - New Genres and Interdisciplinary Projects

**Additional Comments:**

Digital Art History and Practices 54224, 0

Learning Outcome
Students will develop a working knowledge of digital art practices, including an understanding of the theoretical implications of art in a digital age.

| Title | Tags |
| --- | --- |
| Skills | 54435, 3 |

Learning Outcome
Students will develop the skills and resources necessary to realize a wide variety of digitally-based projects.

| Title | Tags |
| --- | --- |
| Project | 54509, 2 |

Learning Outcome
Students will produce a body of work demonstrating a comprehension and engagement with the themes and concepts explored in class.

| Title | Tags |
| --- | --- |
| Development of Digital Art Practices | 54561, 2 |

Learning Outcome
Students will develop the skills and resources necessary to realize a wide variety of digitally-based projects.

| Title | Tags |
| --- | --- |
| General Practices | 54579, 1 |

Learning Outcome
Students will develop a working knowledge of digital art practices, including an understanding of the theoretical implications of art in a digital age.

| Title | Tags |
| --- | --- |
| Production | 54590, 1 |

Learning Outcome
Students will produce a body of work demonstrating a comprehension and engagement with the themes and concepts explored in class.

## ART 356R - Figure Sculpture

### Course Information

**Teaching Area (new)**
ART
**Course Number**
356R
**Teaching Area**
ART
**Course Title**
Figure Sculpture
**Course Description**
Modeling the human figure in clay.
**Department**
Art
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 217 - Sculpture Fundamentals

**Additional Comments:**

**Note**
Fee.

**Title**
Sculptural Skills
**Tags**
186021, 1

**Learning Outcome**
Students will demonstrate basic sculptural skills in rendering the human form

## ART 357 - Digital 3D: Sculpture with Digital Tools

### Course Information

**Teaching Area (new)**
ART
**Course Number**
357
**Teaching Area**
ART
**Course Title**
Digital 3D: Sculpture with Digital Tools
**Course Description**
Introduction to using digital tools to create sculpture. Explores the material, formal, and conceptual potential of sculpture using new technologies.
**Department**
Art
**When Taught**
Winter Odd Yrs..

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 133 - Introduction to Art: 3D
  **AND** ART 216 - Ceramics Fundamentals
  **AND** ART 217 - Sculpture Fundamentals

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Aesthetic | 186023, 2 |

**Learning Outcome**
Students will demonstrate basic aesthetic understanding and sensibility in their practice

| Title | Tags |
| --- | --- |
| Personal Vision | 186025, 3 |

**Learning Outcome**
Students will demonstrate that they are forming a personal artistic vision

## ART 358 - Sculpture

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 358 |

**Teaching Area**
ART
**Course Title**
Sculpture
**Course Description**
Traditional and nontraditional approaches to sculpture.
**Department**
Art
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## ART 359R - Ceramics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 359R |

**Teaching Area**
ART
**Course Title**
Ceramics
**Course Description**
Designing, throwing, hand forming, decorating, glazing, and firing techniques.
**Department**
Art
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ART 217 - Sculpture Fundamentals

**Additional Comments:**

**Note**
Fee.

| Title | Tags |
|---|---|
| Spirituality and Ethics | 54198, 3 |

**Learning Outcome**
Students will critically examine spiritual values and ethical issues relevant to 3 dimensional art and their own work.

| Title | Tags |
|---|---|
| Historic and Contemporary Sculpture | 54350, 1 |

**Learning Outcome**
Students will examine the place of sculpture both historically and in our contemporary culture and locate themselves within this larger context.

| Title | Tags |
|---|---|
| Museum and Gallery Practices | 54459, 4 |

**Learning Outcome**
Students will gain an awareness of museum and gallery practices and of professional opportunities within sculpture and 3D art.

| Title | Tags |
|---|---|
| Fundamental Sculptural Skills | 54493, 2 |

**Learning Outcome**
Students will expound upon their fundamental knowledge and skills and will develop towards proficiency in sculpture, 3D media, and new genres.

Prerequisites

**Complete ALL of the following Courses:**

- ART 216 - Ceramics Fundamentals

**Additional Comments:**

**Note**
Fee.

| Title | Tags |
|---|---|
| Independent Voice | 186017, 2 |

**Learning Outcome**
Students will begin to develop an independent voice in their relationship with ceramic methods and forms.

| Title | Tags |
|---|---|
| Directed Art Practice | 186018, 3 |

**Learning Outcome**
Students will produce a body of work with the following criteria:

All aspects of the work must be addressed. (No loose ends).
The work will be archival within its intended context.
The work will be intellectually challenging and contribute to any genre it borrows from.

| Title | Tags |
|---|---|
| Skill Development | 186019, 4 |

**Learning Outcome**
Students will learn the essential skills involved with building, joining, drying, glazing and firing ceramic art.

| Title | Tags |
|---|---|
| Context | 186020, 1 |

**Learning Outcome**
Student work will be contextualized within contemporary thought and practice.

## ART 360 - Advanced Photography

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ART | 360 |

## ART 394R - Special Problems in Art

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ART | 394R |

**Teaching Area**
ART
**Course Title**
Advanced Photography
**Course Description**
Exploration of contemporary art photography designed to help familiarize students with current themes and movements within the medium. Students will engage in a variety of approaches to photography, while incorporating a conceptual framework in their exploration.
**Department**
Art
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ART 260 - Photography Fundamentals

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Specialization and Proficiency | 186043, 1 |

**Learning Outcome**
Students will strengthen skills and proficiency in photography.

| Title | Tags |
| --- | --- |
| Photography in Contemporary Art | 186044, 2 |

**Learning Outcome**
Students will further develop their understanding of

**Teaching Area**
ART
**Course Title**
Special Problems in Art
**Department**
Art
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

contemporary art photography including an in-depth knowledge of prominent artists, key concepts, and movements related to the medium.

| Title | Tags |
| --- | --- |
| Personal Art Development | 186045, 3 |

**Learning Outcome**
Students will expand their art making by engaging in a variety of approaches to photography, while incorporating a conceptual framework in their exploration.

## ART 395R - Studio Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 395R |

**Teaching Area**
ART
**Course Title**
Studio Seminar
**Course Description**
Selected contemporary issues involving visiting artists, guest lecturers, video documentaries, discussions, and program information.
**Department**
Art
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

## ART 480R - Advanced Studio

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ART | 480R |

**Teaching Area**
ART
**Course Title**
Advanced Studio
**Course Description**
Individual development of art issues in advanced studio environment. Writing a proposal accompanied by a readings list.
**Department**
Art
**When Taught**
Fall; Winter; Summer.

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Other Prerequisites**
At least two 300-level art studio courses, one of which is in the area of

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ART 226 - Approaches to Artmaking

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Current Trends | 186013, 1 |

**Learning Outcome**
Students will strengthen their awareness of contemporary art at a local, regional, national, and international level through lectures and discussions.

| Title | Tags |
| --- | --- |
| Personal Perspective | 186014, 2 |

**Learning Outcome**
Students will expand and develop their perspectives on art and aesthetics, and strengthen their own commitments and ideas related to art. Students will broaden their understanding of art and the context in which it exists.

| Title | Tags |
| --- | --- |
| Career Development | 186015, 3 |

**Learning Outcome**
Students will gain a greater awareness of the variety of studio practices and art related opportunities available upon graduation.

the proposed project.

| Title | Tags |
| --- | --- |
| Self-Directed Research | 186037, 1 |

**Learning Outcome**
Students will examine art past and present through self-directed research and critical dialogue, and form a personal awareness of their place as artists within this larger context.

| Title | Tags |
| --- | --- |
| Self-Directed Work | 186038, 2 |

**Learning Outcome**
Students will create work and develop their art and ideas through readings, research, critical discourse, and hard work.

| Title | Tags |
| --- | --- |
| Spirituality and Ethics in Art | 186039, 3 |

**Learning Outcome**
Students will critically examine spiritual values and ethical issues relevant to art

## ART 490 - BA Exit Portfolio

### Course Information

**Teaching Area (new)**
ART
**Course Number**
490
**Teaching Area**
ART
**Course Title**
BA Exit Portfolio
**Course Description**
Preparation and submission of all required materials for BA exit portfolio. Preparation for continued art practice after graduation.
**Department**
Art
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1
**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Art major status.

| Title | Tags | Learning Outcome |
|---|---|---|
| Selection and Organization | 54218, 0 | Students will collect artifacts from their course work and campus experience and create a digital portfolio |

| Title | Tags | Learning Outcome |
|---|---|---|
| Assessment | 54226, 1 | Students will develop an ability to assess their portfolio both in form of over-all presentation and in content and meaning. |

## ART 496R - Academic Internship: Professional Internship

### Course Information

**Teaching Area (new)**
ART
**Course Number**
496R
**Teaching Area**
ART
**Course Title**
Academic Internship: Professional Internship
**Department**
Art
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5
**Fixed**
6

#### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Art major status.
**Note**
An APPROVED Internship Application is required before adding.

## ART 497 - BFA Final Project and Exit Portfolio

### Course Information

**Teaching Area (new)**
ART
**Course Number**
497
**Teaching Area**
ART
**Course Title**
BFA Final Project and Exit Portfolio
**Course Description**
Final exhibition and project report; completed travel requirement account; submit all required materials for BFA exit portfolio.
**Department**
Art
**When Taught**
Contact Department

**Credit Hours**

**Min**
1
**Fixed**
1

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Studio BFA major status.

| Title | Tags |
|---|---|
| Final Exhibition | 54165, 2 |

**Learning Outcome**
Students will complete and install exhibition of final project.

| Title | Tags |
|---|---|
| Materials Preparation | 54222, 1 |

**Learning Outcome**
Students will prepare all required materials for final exhibition, including written documents, artwork, and any framing, hanging, and/or installation materials needed for final exhibition.

| Title | Tags |
|---|---|

## ARTED 339 - Computer Application in Art Education

### Course Information

**Teaching Area (new)**
ARTED
**Course Number**
339
**Teaching Area**
ARTED
**Course Title**
Computer Application in Art Education
**Course Description**
Basic program applications for developing instructional materials in art education.
**Department**
Art
**When Taught**
Fall

**Credit Hours**

**Min**
3
**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- 276 - Introduction to K-12 Art and Design Education

**Additional Comments:**

| Title | Tags |
|---|---|
| New Media and Technology | 54139, 0 |

**Learning Outcome**
Investigate artists and educators who utilize new media and technology in their practices.

| Title | Tags |
|---|---|
| New and Social Media Use | 54178, 0 |

**Learning Outcome**

Exit Interview | 54327, 3

**Learning Outcome**
Students will complete exit interview with advisory committee.

**Title** | **Tags**
Exit Portfolio | 54563, 4

**Learning Outcome**
Students will prepare and submit all required materials for exit portfolio.

**Learning Outcome**
Utilize new and social media in your own artistic creation.

**Title** | **Tags**
Course Design | 54277, 4

**Learning Outcome**
Design professional and elegant course materials and learning opportunities after reviewing a variety of open source and commercial software options.

**Title** | **Tags**
Curriculum Planning with New and Social Media | 54638, 0

**Learning Outcome**
Construct curricular plans to use new and social media in pedagogical sites (classrooms, online learning, communities beyond the schoolroom, etc).

## ARTED 378 - K-12 Classroom Management, 3D Methods, and Community Arts Practicum

### Course Information

**Teaching Area (new)** | **Course Number**
ARTED | 378

**Teaching Area**
ARTED

**Course Title**
K-12 Classroom Management, 3D Methods, and Community Arts Practicum

**Course Description**
K-12 classroom management, teaching, and 3D ceramics methods within a variety of contexts, including museums, community arts sites, after school programs, and summer art workshops. This course includes 20 K-12 practicum hours that take place outside of class time.

**Department**
Art

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## ARTED 380 - Museum Art Education

### Course Information

**Teaching Area (new)** | **Course Number**
ARTED | 380

**Teaching Area**
ARTED

**Course Title**
Museum Art Education

**Course Description**
The museum as a learning environment; current exhibitions; learning and teaching strategies for collaboration with museum and classroom educator.

**Department**
Art

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- 276 - Introduction to K-12 Art and Design Education

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Classroom Management | 54234, 3 |

**Learning Outcome**
Investigate and implement a variety of classroom management practices particular to art education classes in schools (art supply management, art classroom safety and legal considerations will be included.)

| Title | Tags |
| --- | --- |
| National, State, and Local Requirements | 54403, 2 |

**Learning Outcome**
Consider the National Standards in Art Education and state and local core requirements in art as foundations for research content, instructional design, production and presentation.

| Title | Tags |
| --- | --- |
| Curriculum Planning | 54437, 4 |

**Learning Outcome**
Create curricula and documents such as the two lesson plans for teaching in schools, Classroom Management Handbook and the TWS contextual factors, Professional Portfolio with Vitae and Rationale for teaching art to use for implementation in student teaching and lifelong education service.

### Lab Hours

**Fixed**
0

**Recommended**
ArtHC 111 or 201; ArtHC 202 or Hum 201 or 202.

| Title | Tags |
| --- | --- |
| Teacher Observations | 54504, 0 |

**Learning Outcome**
Experience observing and teaching in elementary and secondary school settings prior to the student teaching semester.

| Title | Tags |
| --- | --- |
| Student Teacher Preparation | 54621, 1 |

**Learning Outcome**
Participate in BYU McKay School of Ed Secondary Education transition and student teacher preparation by using INTASC standards, PIBS self-assessment and LiveTEXT enrollment.

| Title | Tags |
| --- | --- |
| Diversity in Learning Environments | 54667, 5 |

**Learning Outcome**
Respect diversity in the schools and value the establishment of learning environments where future artstudents can actively learn and create to their fullest potential.

## ARTED 397 - Issues in Contemporary Art, Aesthetics, and Criticism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTED | 397 |

**Teaching Area**
ARTED
**Course Title**
Issues in Contemporary Art, Aesthetics, and Criticism
**Course Description**
Overview of issues in contemporary art, aesthetics, and art criticism.
**Department**
Art
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

## ARTED 450 - Advanced Secondary Studio Teaching Methods for Art Educators

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTED | 450 |

**Teaching Area**
ARTED
**Course Title**
Advanced Secondary Studio Teaching Methods for Art Educators
**Course Description**
Advanced exploration of media, methods, and pedagogical practices for secondary art classrooms with an emphasis on painting. Includes both art making and curriculum design in preparation for student teaching.
**Department**
Art
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Contemporary Art Critique and Writing

Tags
54400, 4

Learning Outcome
Students will learn about the works of many contemporary artists, write critical responses to a number of artworks, share responses with fellow students, and discuss and defend their written work. They will develop critical thinking and writing skills, including description, analysis, interpretation, and explication of form, meaning, and value with respect to works of art.

Title
Spirituality

Tags
137508, 0

Learning Outcome
Students will gain a deep appreciation for power of the visual arts, including contemporary art, to evoke understanding and compassion. They will be inspired as they increase their understanding of the spiritual dimensions of art. Critically reflect on the student's own creative works in relation to various researched audiences, publics and discourses, balancing the interrelationships among the individual, others, and Deity. They will gain insight into how to judge artwork in the context of gospel principles and develop inner richness, a sanctuary of the mind, and spiritual insight.

Title
Literacy

Tags
137509, 0

Learning Outcome
Investigate a variety of practices and methodologies used by

Fixed
3

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- 276 - Introduction to K-12 Art and Design Education

**Additional Comments:**

Title
Curricula and Artistry in the context of Contemporary Art

Tags
104795, 3

Learning Outcome
Students will become familiar with a few influential contemporary artists and determine how these artists might inform their own artistry and teaching practice.

Title
Studio Practice and Art Education

Tags
104801, 4

Learning Outcome
Each student will gain greater confidence in their own artistic voice and how their personal artistry can inform their teaching and stimulate the learning of their students. They will gain experience in mediums they are not familiar with that might be required in schools or that might inform their own teaching practice.

Title
Educator Preparation Program Outcomes

Tags
104802, 5

Learning Outcome
Students will fulfill licensure

contemporary artists, pedagogues, and critics to discover multiple meanings, and to interpret, critically appreciate, and respond to works of contemporary art. They will gain an appreciation of the importance of historical and cultural contexts of art.

| Title | Tags |
| --- | --- |
| Lively Engagement | 137510, 3 |

Learning Outcome
Students will expand their knowledge of contemporary artists, write critical responses to a number of artworks, share responses with fellow students, and discuss and defend their written work. They will develop critical thinking and writing skills, including description, analysis, interpretation, and explication of form, meaning, and value with respect to works of art.
The student will apply contemporary practices and conversations to the student's own artistic investigations, engagements, and works in a sophisticated and professional manner, in relation to various discourses and feedback (from the teacher, literature, classmates' interpretations, etc).

| Title | Tags |
| --- | --- |
| Personal Appreciation Aesthetics and Artistic Practice | 137512, 3 |

Learning Outcome
Both students and instructor will broaden their personal aesthetic perspectives and develop a deep appreciation of the myriad aspects of contemporary art. Students will gain artistic confidence that is grounded in their own experience working in artistic media.

## ARTED 476R - Art Secondary and Elementary Student Teaching

requirements for secondary methods of art education. This course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This course will help you fulfill the EPP Outcomes required for accreditation. Advisors in Education Student Services (350 MCKB/801-422-3426) can answer questions you have about the licensure requirements for your teaching major or minor.

| Title | Tags |
| --- | --- |
| Teaching in a Variety of Contexts | 104803, 6 |

Learning Outcome
Students will demonstrate sound teaching practices in various contexts.

| Title | Tags |
| --- | --- |
| Curriculum Design, Standards, and Current Practices in Art Education | 104805, 1 |

Learning Outcome
Students will become familiar with current issues in art education including educational standards and make decisions about how their own curriculum and teaching will work within the constraints of standards, current practices and social issues. Students will apply their study and experiences in the course to constructing art curricula that reflect current theory and practice in the field and the requirements of the Teaching Work Sample.

| Title | Tags |
| --- | --- |
| Spiritual Dimensions of Art and Education | 185991, 1 |

Learning Outcome
Students will gain insight into the spiritual dimension of the artist and teacher.

## ARTED 477R - Secondary Minor Student Teaching

## Course Information

**Teaching Area (new)**
ARTED

**Course Number**
476R

**Teaching Area**
ARTED

**Course Title**
Art Secondary and Elementary Student Teaching

**Course Description**
Capstone, field-based, semester-long experience in teaching elementary and secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Art

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
12

**Other Prerequisites**
Prior application; requires a major GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

| Title | Tags |
|---|---|
| EPP Requirements | 186059, 1 |

**Learning Outcome**
Complete the requirements established by BYU's Department of Visual Arts, the Department of Teacher Education and the Utah State Office of Education including the PRAXIS Test for Art.

| Title | Tags |
|---|---|
| Mentoring Teacher | 186060, 2 |

**Learning Outcome**
Meet the expectations of the co-operating teacher and administration of the sponsoring school.

| Title | Tags |
|---|---|
| Standards | 186061, 3 |

**Learning Outcome**
Become familiar with and apply National Core Standards for Visual Arts Education and the Utah Effective Teaching standards to planning and teaching.

| Title | Tags |
|---|---|

## Course Information

**Teaching Area (new)**
ARTED

**Course Number**
477R

**Teaching Area**
ARTED

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
Art

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Sc Ed 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

| | |
|---|---|
| Professionalism | 186062, 4 |

**Learning Outcome**
Exhibit professionalism in each school setting and the seminar by being consistently punctual and prepared for each assigned day of commitment.

| Title | Tags |
|---|---|
| Teacher Work Sample<br>Professional Portfolio | 186063, 5 |

**Learning Outcome**
Complete the Teacher Work Sample in (TWS)--exemplary in content and presentation, proofread, on time. Submit TWS on My Link. Complete Professional Teaching Portfolio

| Title | Tags |
|---|---|
| Communities of Practice | 186064, 6 |

**Learning Outcome**
Continue to be engaged with professional literature and participate in professional organizations.

## ARTED 478 - Art Curriculum Assessment and Methods for K-12 Educators

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ARTED | 478 |

**Teaching Area**
ARTED
**Course Title**
Art Curriculum Assessment and Methods for K-12 Educators
**Course Description**
Art and design curriculum development and assessment methods for K-12 educators.
**Department**
Art
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## ARTED 496R - Academic Internship: Secondary Education

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ARTED | 496R |

**Teaching Area**
ARTED
**Course Title**
Academic Internship: Secondary Education
**Course Description**
Capstone, field-based, year-long experience in teaching elementary or secondary students; demonstrating proficiency in all program standards. Seminar required.
**Department**
Art
**When Taught**
Fall and Winter

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Prior application, requires a major GPA of 3.00, at least a C grade in all

**Lecture Hours**

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- 276 - Introduction to K-12 Art and Design Education

**Additional Comments:**

**Other Prerequisites**
a minimum C+ grade in ARTED 378 and 397.

| Title | Tags |
|---|---|
| Social Justice and Ecological Beliefs | 54119, 0 |

**Learning Outcome**
Scrutinize personal beliefs and practices regarding social justice and ecological concerns in art education in relation to one's mentors and peers.

| Title | Tags |
|---|---|
| Educator Preparation Program Outcomes | 54152, 6 |

**Learning Outcome**
This course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This course will help you fulfill the EPP Outcomes required for accreditation. Advisors in Education Student Services (350 MCKB/801-422-3426) can answer questions you have about the licensure requirements for your teaching major or minor. This includes becoming familiar with the UETS and TWS so as to be able to pass with at least a basic competency level in each criteria.

| Title | Tags |
|---|---|
| Self-Evaluation | 54213, 5 |

Prior application; requires a major GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| EPP Requirements | 186065, 1 |

**Learning Outcome**
Complete the requirements established by BYU's Department of Visual Arts, the Department of Teacher Education and the Utah State Office of Education including the PRAXIS Test for Art.

| Title | Tags |
|---|---|
| Mentoring Teacher | 186066, 2 |

**Learning Outcome**
Meet the expectations of the co-operating teacher and administration of the sponsoring school.

| Title | Tags |
|---|---|
| Standards | 186067, 3 |

**Learning Outcome**
ecome familiar with and apply National Core Standards for Visual Arts Education and the Utah Effective Teaching standards to planning and teaching.

| Title | Tags |
|---|---|
| Professionalism | 186068, 4 |

**Learning Outcome**
Exhibit professionalism in each school setting and the seminar by being consistently punctual and prepared for each assigned day of commitment.

| Title | Tags |
|---|---|
| Teacher Work Sample | 186069, 5 |

**Learning Outcome**
Complete the Teacher Work Sample in (TWS)--exemplary in content and presentation, proofread, on time. Submit TWS on My Link.

| Title | Tags |
|---|---|
| Communities of Practice | 186070, 6 |

**Learning Outcome**
Self-evaluate behavior, in relation to art education faculty observations, using the Professional Disposition Instrument (PDI) and Professional and Interpersonal Behavior Rating Scale (PIBS).

**Title**
Curriculum and Personal Beliefs and Practices

**Tags**
54439, 0

**Learning Outcome**
Analyze how these personal beliefs and practices relate to conceptualizations in contemporary curriculum discourse.

**Title**
Curriculum Planning

**Tags**
54464, 0

**Learning Outcome**
Construct curricular materials and resources that reflect contemporary practice among artists, researchers, teacher, and learners.

**Title**
Curriculum Theory and Practice

**Tags**
54591, 0

**Learning Outcome**
Investigate and respond to historic and contemporary definitions, theories, and practices of curriculum through reading, reflection, discussion, and development.

**Learning Outcome**
Continue to be engaged with professional literature and participate in professional organizations.

## ARTED 578R - Art Education Studio

### Course Information

**Teaching Area (new)**
ARTED

**Course Number**
578R

**Teaching Area**
ARTED

**Course Title**
Art Education Studio

**Course Description**
MA courses in ceramics, drawing, figure drawing, oil painting, aqueous painting, printmaking, crafts, sculpture, digital art, and conceptual art media.

**Department**
Art

**When Taught**

## ARTHC 111 - Introduction to Art History

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
111

**Teaching Area**
ARTHC

**Course Title**
Introduction to Art History

**Course Description**
Topical approach to art history and appreciation.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
6

Other Prerequisites
Graduate student status.

| Title | Tags |
| --- | --- |
| Studio Practice | 186052, 1 |

Learning Outcome
Students will gain greater confidence in their own artistic voice and how their personal artistry connects to their work as educators.

| Title | Tags |
| --- | --- |
| Studio Practice and Teaching | 186053, 3 |

Learning Outcome
Students will connect their studio practice to teaching and to the studio design of art education curricula.

| Title | Tags |
| --- | --- |
| IRB | 186054, 4 |

Learning Outcome
Students will undertstand the ethical standards for research, pass the CITI Institutional Review Board Traning, and determine whether their study requires IRB approval.

| Title | Tags |
| --- | --- |
| Research Methodology | 186055, 2 |

Learning Outcome
Through the readings and class

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Discuss Style, Cultural Context, and Meaning | 54207, 0 |

Learning Outcome
Students will be able to discuss--verbally and in writing--the style, cultural context, and meaning of key works of art.

| Title | Tags |
| --- | --- |
| Connoisseurship | 54240, 2 |

Learning Outcome
Students will develop connoisseurship, the ability to identify the stylistic influences of a work of art or architecture.

| Title | Tags |
| --- | --- |
| Familiarity with Periods and Cultures of Western Art | 54478, 1 |

Learning Outcome
Students will become familiar with the periods and cultures of Western art from Prehistory through the present day.

discussions, each student will gain a clearer idea of their personal research topic appropriate methodology, and the contexts that surround their research interests.

## ARTHC 201 - World Civilization to 1500

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
201

**Teaching Area**
ARTHC

**Course Title**
World Civilization to 1500

**Course Description**
Survey of Western civilization emphasizing the visual arts from ancient Greece to the Gothic period.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Art Discussion

**Tags**
54288, 1

**Learning Outcome**
Students will be able to discuss--verbally and in writing--the style, cultural context, and meaning of key works of art.

**Title**
Western Art: Prehistory to Medieval

**Tags**
54719, 1

**Learning Outcome**

## ARTHC 202 - World Civilization Since 1500

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
202

**Teaching Area**
ARTHC

**Course Title**
World Civilization Since 1500

**Course Description**
Survey of Western civilization emphasizing the visual arts from the Renaissance to the twentieth century.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Western Art: Renaissance to Present

**Tags**
54097, 1

**Learning Outcome**
Students will survey the terrain of western (primarily European) culture from the beginnings of the Renaissance to the present. A particular emphasis will be placed upon the visual arts as objects that are influenced by cultural values and conventions, and as forces which generate or determine future cultural practice

Students will become familiar with the periods and cultures of Western art from Prehistory through Medieval Europe.

**Title**
Stylistic Influences in Art and Architecture

**Tags**
170270, 2

**Learning Outcome**
Students will develop connoisseurship, the ability to identify the stylistic influences of a work of art or architecture.

practice.

**Title**
Cultural Traditions in the Modern World

**Tags**
54625, 1

**Learning Outcome**
Students will become familiar with a broad array of the literary, philosophical, religious and aesthetic traditions that have informed the modern world.

**Title**
Intellectual Periods and Movements

**Tags**
54659, 2

**Learning Outcome**
Students will aquire a big-picture knowledge of intellectual periods and movements that will inform their future encounters with literature, art, architecture and all other manifestations of creative expression.

## ARTHC 203 - Survey of Asian Art and Architecture

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
203

**Teaching Area**
ARTHC

**Course Title**
Survey of Asian Art and Architecture

**Course Description**
Art and architecture of China, Korea, Japan, and Southeast Asia, considering social, religious, and environmental context of various cultures.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Application

**Tags**
191189, 1

**Learning Outcome**
Students will gain a deep understanding of Asian art and architechture.

## ARTHC 211 - Survey of Western Art 1

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
211

**Teaching Area**
ARTHC

**Course Title**
Survey of Western Art 1

**Course Description**
Art and architecture of the Western world from primitive through medieval.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
190936, 1

**Learning Outcome**
Students will survey topics in Western Art.

## ARTHC 212 - Survey of Western Art 2

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
212

**Teaching Area**
ARTHC

**Course Title**
Survey of Western Art 2

**Course Description**
Art and architecture of the Western world from Renaissance to

## ARTHC 300 - Theory, Methodology, and Historiography of Art History

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
300

**Teaching Area**
ARTHC

**Course Title**
Theory, Methodology, and Historiography of Art History

Art and architecture of the Western world from Renaissance to contemporary.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Knowledge | 190937, 1 |

**Learning Outcome**
Students will survey topics in Western Art.

**Course Description**
Historical foundations of the discipline; key theories and approaches informing current art historical practice.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 201 - World Civilization to 1500
  **AND** ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Effective Communication | 54197, 3 |

**Learning Outcome**
Students will become capable of refined oral expression and presentational abilities.

| Title | Tags |
|---|---|
| Writing About the Arts | 54243, 4 |

**Learning Outcome**
Students will master several art historical modes of writing, including abstracts, practicums, and annotated bibliographies.

| Title | Tags |
|---|---|
| Art History in Contemporary Society | 54311, 5 |

**Learning Outcome**
Students will gain an appreciation for the meaningfulness and relevancy of the discipline of art history in contemporary society.

| Title | Tags |
| --- | --- |
| Critical Thinking | 54319, 2 |

**Learning Outcome**
Students will acquire an enhanced ability to think critically about the arts.

| Title | Tags |
| --- | --- |
| Western Art Historiography | 54416, 1 |

**Learning Outcome**
Students will become familiar with the historiography of western art history.

| Title | Tags |
| --- | --- |
| Art Theory | 54708, 1 |

**Learning Outcome**
Students will become acquainted with the major theoretical approaches used in art history.

## ARTHC 301 - Women in Art

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 301 |

**Teaching Area**
ARTHC
**Course Title**
Women in Art
**Course Description**
History of women artists, critics, and patrons, along with women in representation in Western art. Consideration of theories and methodologies of feminist art history.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## ARTHC 304 - Greek Art

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 304 |

**Teaching Area**
ARTHC
**Course Title**
Greek Art
**Course Description**
History and appreciation of Greek art, with consideration of formative cultures.
**Department**
Comparative Arts &Letters
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 201 - World Civilization to 1500
  **AND** ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

**Title**
Critical Professional Skills in Art History

**Tags**
199719, 0, 2

**Learning Outcome**
Students will develop professional skills related to written and oral communication, which includes the cultivation of research competencies and critical thinking tools, as well as relationships with women professionals in the visual arts that facilitates the transition from the university to the workplace. This will be accomplished through course assignments, including reading responses, the research project and presentation, reflective essays, and the LDS women in the arts mentorship program.

**Title**
Information Literacy: Feminist Art History

**Tags**
199718, 0, 1

**Learning Outcome**
Students will acquire a foundation of the key issues, individuals, and institutions and a firm grasp of the central issues and debates related to women in the visual arts, c. 1789 to the present, by means of extensive primary and secondary source

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 201 - World Civilization to 1500

**Additional Comments:**

**Title**
Greek History of Art and Architecture

**Tags**
72693, 1

**Learning Outcome**
Students will gain a general understanding of the history of Greek art and architecture from its beginnings in the third millennium B.C. through the first century BC. The class will cover the evolution of ideas about art and architecture, the use of art as an expression of religious, political and social ideas, the advances in technology that made new forms possible, and key monuments. Students will demonstrate their understanding of these ideas through class discussion, examinations, and research papers.

**Title**
Observation, Appreciation and Analysis

**Tags**
199956, 2

**Learning Outcome**
Students will develop abilities to observe, appreciate, and analyze aspects of art and architecture as cultural artifacts, including style, function, structure, historical influences, symbolism, and unity of expression.

readings and class lecture and discussion.

Title
Cultural Navigation: Course Relevancy

Tags
199720, 0, 3

Learning Outcome
Students will strengthen their ability to identify concepts, practices, and patterns in the history of women in art and culture that inform contemporary gender politics and ability to apply these in their various spheres of influences (self, family, church and civic communities), as well as a deepened commitment to the advancement of women in the arts in a variety of settings. This will be fostered in class discussions, reading responses, and reflective writing assignment.

Title
Art Historical Research and Writing

Tags
199957, 3

Learning Outcome
Students will gain experience and skill in art historical research and writing.

Title
Term Paper

Tags
199958, 4

Learning Outcome
Students will gain experience and skill in art historical research and writing.

## ARTHC 306 - Roman Art

### Course Information

Teaching Area (new)
ARTHC

Course Number
306

Teaching Area
ARTHC

Course Title
Roman Art

Course Description
Art and architecture of the Etruscans and Romans.

Department
Comparative Arts &Letters

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

## ARTHC 310 - Early Christian and Byzantine Art

### Course Information

Teaching Area (new)
ARTHC

Course Number
310

Teaching Area
ARTHC

Course Title
Early Christian and Byzantine Art

Course Description
Survey of Christian art in the Roman and Byzantine Empire from ca. 200 to 1453.

Department
Comparative Arts &Letters

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 201 - World Civilization to 1500

**Additional Comments:**

**Title**
Observation, Appreciation, and Analysis

**Tags**
54314, 1

**Learning Outcome**
Students will develop abilities to observe, appreciate, and analyze aspects of art and architecture as cultural artifacts, including style, function, structure, historical influences, symbolism, and unity of expression.

**Title**
Art Historical Research and Writing

**Tags**
54449, 2

**Learning Outcome**
Students will gain experience and skill in art historical research and writing.

**Title**
Term Paper

**Tags**
54467, 3

**Learning Outcome**
Students will acquire deeper knowledge of specific topics in Roman art and architecture through research and writing a term paper.

**Title**
General Understanding of History

**Tags**
54549, 1

**Learning Outcome**
Students will gain a general understanding of the history of Roman art and architecture from its beginnings in the early part of the first millennium BC through the collapse of the Roman Empire in AD 476. The class will cover the evolution of ideas

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 201 - World Civilization to 1500

**Additional Comments:**

**Title**
Art and Architecture

**Tags**
54258, 1

**Learning Outcome**
Students will develop abilities to observe, appreciate, and analyze aspects of art and architecture as cultural artifacts, including style, function, structure, historical influences, symbolism, and unity of expression.

**Title**
Term Paper

**Tags**
54293, 3

**Learning Outcome**
Students will acquire deeper knowledge of specific topics in Early Christian and Byzantine art and architecture through research and writing a term paper.

**Title**
Historical Research and Writing

**Tags**
54363, 2

**Learning Outcome**
Students will gain experience and skill in art historical research and writing.

**Title**
Understanding of History

**Tags**
54499, 1

**Learning Outcome**
Students will gain a general understanding of the history of Early Christian and Byzantine art and architecture from its beginnings in the third century through the collapse of the Byzantine Empire in 1453. The class will cover the evolution of

about art and architecture, the use of art as an expression of religious, political and social ideas, the advances in technology that made new forms possible, and key monuments. Students will demonstrate their understanding of these ideas through class discussion, examinations, and research papers.

ideas about art and architecture, the use of art as an expression of religious, political and social ideas, the advances in technology that made new forms possible, and key monuments. Students will demonstrate their understanding of these ideas through class discussion, examinations, and research papers.

## ARTHC 316 - Art of the Medieval West

### Course Information

**Teaching Area (new)**
ARTHC
**Course Number**
316
**Teaching Area**
ARTHC
**Course Title**
Art of the Medieval West
**Course Description**
Art in western Europe from 400 AD to 1400.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 201 - World Civilization to 1500

**Additional Comments:**

## ARTHC 320 - Italian Renaissance

### Course Information

**Teaching Area (new)**
ARTHC
**Course Number**
320
**Teaching Area**
ARTHC
**Course Title**
Italian Renaissance
**Course Description**
Art and architecture in Italy from 1200 to 1580.
**Department**
Comparative Arts &Letters
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Art Historical Research and Writing | 54110, 2 |

**Learning Outcome**
Students will gain experience and skill in art historical research and writing.

| Title | Tags |
| --- | --- |
| Art Appreciation and Analysis | 54220, 1 |

**Learning Outcome**
Students will develop abilities to observe, appreciate, and analyze aspects of art and architecture as cultural artifacts, including style, function, structure, historical influences, symbolism, and unity of expression.

| Title | Tags |
| --- | --- |
| Research and Writing | 54488, 3 |

**Learning Outcome**
Students will acquire deeper knowledge of specific topics in the art of the medieval West art and architecture through research and writing a term paper.

| Title | Tags |
| --- | --- |
| Art of the Medieval West: 400 to 1500 | 138761, 1 |

**Learning Outcome**
Students will gain a general understanding of the history of medieval western Europe from the fifth century through the fifteenth. The class will cover the evolution of ideas about art and architecture; the use of art as an expression of religious, political, and social ideologies; the advances in technology that made new forms possible; and key monuments. Students will demonstrate their understanding of these ideas through class discussion, examinations, and research papers.

| Title | Tags |
| --- | --- |
| Research and Writing | 54602, 1 |

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research focused on a single work of art produced in Italy during the Renaissance period. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

| Title | Tags |
| --- | --- |
| Italian Renaissance Art: 1300 to 1600 | 200214, 1 |

**Learning Outcome**
Students will acquire a solid foundation in the historical context of Italian art from ca. 1300 to ca. 1600. They will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists working in Italy during the Renaissance era. Students will become conversant with select works of art in terms of style, patronage, reception, and meaning. They will also be able to evaluate the effects of cultural, political, economic, religious, and social factors on Italian Renaissance art.

## ARTHC 325 - Northern Renaissance Art

## ARTHC 329 - Renaissance and Baroque Architecture

## Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
325

**Teaching Area**
ARTHC

**Course Title**
Northern Renaissance Art

**Course Description**
Fifteenth- and sixteenth-century art in northern Europe.

**Department**
Comparative Arts &Letters

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Art Research and Writing Skills | 54421, 1 |

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research focused on a single work of art produced in the north of Europe during the Renaissance period. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate

## Architecture

## Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
329

**Teaching Area**
ARTHC

**Course Title**
Renaissance and Baroque Architecture

**Course Description**
History of architecture in Italy, Spain, France, Germany, Austria, and England, 1400?1700.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Research Skills | 54457, 0 |

**Learning Outcome**
Students will improve research, writing and analytical skills in architectural history.

| Title | Tags |
|---|---|
| Scope | 54551, 0 |

**Learning Outcome**
Students will acquire a basic understanding of the

Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

| Title | Tags |
| --- | --- |
| Northern Renaissance Art: 1400 to 1600 | 200215, 1 |

**Learning Outcome**

Students will acquire a solid foundation in the historical context of the art of northern European art from ca. 1400 to 1600. They will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists working in the Low Countries, France, and Germany during the Renaissance era. Students will become conversant with select works of art in terms of style, patronage, reception, and meaning. They will also be able to evaluate the effects of cultural, political, economic, religious, and social factors on northern Renaissance art.

understanding of the development of Renaissance and Baroque architecture in Western Europe.

| Title | Tags |
| --- | --- |
| Original Research | 54573, 0 |

**Learning Outcome**

@font-face { font-family: "ï¼ï¼³ æ??æ?";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will acquire a more detailed knowledge of a particular monument and/or architect and/or architectural theory of the period, through the research and writing of a term paper.

| Title | Tags |
| --- | --- |
| Architects | 54690, 0 |

**Learning Outcome**

@font-face { font-family: "Times";}@font-face { font-family: "ï¼ï¼³ æ??æ?";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will become familiar with the contributions of individual architects of the period.

## ARTHC 330 - Southern Baroque Art History: 1600-1700

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 330 |

**Teaching Area**

ARTHC

## ARTHC 335 - Northern European Art: 1600-1700

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 335 |

**Teaching Area**

ARTHC

ARTHC
**Course Title**
Southern Baroque Art History: 1600-1700
**Course Description**
History of baroque painting, sculpture, and architecture in Italy, Spain, and France.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Art Research and Writing | 199959, 2 |

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research focused on a single work of art produced in the south of Europe during the Baroque period. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the

ARTHC
**Course Title**
Northern European Art: 1600-1700
**Course Description**
This course examines Northern European Art from 1600 to 1700.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Northern European History: 1600 to 1700 | 199960, 1 |

**Learning Outcome**
Students will acquire a solid foundation in the historical context of the art of northern Europe from ca. 1600 to ca. 1700. Students will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists working in Flanders and the Dutch Republic during the Baroque era. Students will become conversant with select works of art in terms of style, patronage, reception, and meaning. They will also be able to evaluate the effects of cultural, political, economic, religious, and social factors on

professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

**Title**
Southern European History: 1600 to 1700

**Tags**
200192, 1

**Learning Outcome**
Students will acquire a solid foundation in the historical context of the art of southern Europe from ca. 1600 to ca. 1700. Students will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists working in Italy, Spain, and France during the Baroque era. Students will become conversant with select works of art in terms of style, patronage, reception, and meaning. They will also be able to evaluate the effects of cultural, political, economic, religious, and social factors on southern Baroque art.

religious, and social factors on northern Baroque art.

**Title**
Art Research and Writing

**Tags**
199961, 2

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research focused on a single work of art produced in the north of Europe during the Baroque period. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

## ARTHC 337 - Eighteenth-Century European Art and Architecture

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
337

**Teaching Area**
ARTHC

**Course Title**
Eighteenth-Century European Art and Architecture

**Course Description**
An advanced survey of the culture and context of the production of art, architecture, and garden design in the European 18th century.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## ARTHC 340 - Nineteenth-Century European Art

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
340

**Teaching Area**
ARTHC

**Course Title**
Nineteenth-Century European Art

**Course Description**
Nineteenth-century art in Europe.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Movements | 54125, 0 |

**Learning Outcome**
Students will be able to articulate the characteristics of the styles, processes, and ideologies and philosophies of key artists and movements, including Late Baroque, Neo-Palladianism, Rococo, Enlightenment and moralizing themes, and the naturalism that predicts the beginnings of Romanticism and Neoclassicism.

| Title | Tags |
|---|---|
| Contribution | 54151, 0 |

**Learning Outcome**
@font-face { font-family: "Arial";}@font-face { font-family: "ï¼ï¼³ æ??æ?";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will situate their informed, original ideas within the best art historical publications on their subject.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| European History: 1780 to 1900 | 199962, 1 |

**Learning Outcome**
Students will acquire a solid foundation in the historical context of the art of Europe from c.1780 until 1900. Students will be able to articulate the characteristics of the styles, processes, and ideologies and philiosophies of key artists and movements, including Neoclassicism, Romanticism, Realism, Impressionism and Post-Impressionism, Symbolism, and other modernist movements in France, Italy, Britain, Switzerland, Austria, and Germany. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. They will be able to trace the trajectory of future influence of key works of art from this period.

| Title | Tags |
|---|---|
| Art Research and Writing | 199963, 2 |

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research focused on a single work of art within long nineteenth century. Students will apply methodological approaches

| Title | Tags |
| --- | --- |
| Research | 54167, 0 |

**Learning Outcome**

@font-face { font-family: "Arial";}@font-face { font-family: "ï¼ï¼³ æ??æ?";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will develop art historical research skills by conducting advanced research focused on a single work of art within eighteenth-century Europe including Britain, France, the Empire, the Low Countries, Spain, Italy, Scandinavia and Russia.

| Title | Tags |
| --- | --- |
| Scope: 1700-1789 | 54171, 0 |

**Learning Outcome**

1. Students will acquire a solid foundation in the historical context of the art and architecture of Europe from ca. 1700-1789.

| Title | Tags |
| --- | --- |
| Research | 54202, 6 |

**Learning Outcome**

@font-face { font-family: "Arial";}@font-face { font-family: "ï¼ï¼³ æ??æ?";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History research guides. Students will

methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

apply the formatting of an acceptable style guide with exactness to the completed research paper.

| Title | Tags |
| --- | --- |
| Precedent and Influence | 54668, 0 |

**Learning Outcome**
Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. They will be able to trace the trajectory of future influence of key works of art from this period.

| Title | Tags |
| --- | --- |
| Theory | 54699, 0 |

**Learning Outcome**
@font-face { font-family: "Arial";}@font-face { font-family: "ï¼ï¼³ æ??æ?";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will apply methodological approaches acquired in ArtHC 300 to their topic.

## ARTHC 345 - American Art to 1876

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 345 |

**Teaching Area**
ARTHC
**Course Title**
American Art to 1876
**Course Description**
This course examines American art and architecture from the Pre-Columbian period to 1876.
**Department**
Comparative Arts &Letters
**When Taught**
Fall

## ARTHC 350 - Modern Art

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 350 |

**Teaching Area**
ARTHC
**Course Title**
Modern Art
**Course Description**
Modern European art and theory, 1900--1945.
**Department**
Comparative Arts &Letters
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Term Paper | 54779, 4 |

**Learning Outcome**
Students will gain experience and skill in art historical research and writing.

| Title | Tags |
| --- | --- |
| American Art History: Prehistoric to 1876 | 199763, 3 |

**Learning Outcome**
Students will acquire a solid foundation in the historical context of the art and architecture of the United States of America from the prehistoric cultures on the North American Continent (Mississippian, Anasazi . . .) to 1876. Through a socio-historical approach, students will gain an understanding of the ways in which events like the arrival of Columbus, the American Revolution, the expansion of the West, and the Civil War, shaped and were shaped by the visual arts of the new nation. Students

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Term Paper | 54780, 3 |

**Learning Outcome**
Students will gain experience and skill in art historical research and writing.

| Title | Tags |
| --- | --- |
| Art Research and Writing | 199964, 2 |

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research focused on a single work of art within the Modern period. Students will apply methodological approaches acquired in ArtHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History research guides. Students will apply the

arts of the new nation. Students will also be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists and movements, including Rococo, Neo-Classicism, and Romanticism as they pertain to American art. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. They will be able to trace the trajectory of future influence of key works of art from this period.

| Title | Tags |
| --- | --- |
| Art Research and Writing | 199764, 2 |

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research focused on a single work of art, artist, or historical concept within this period. Students will apply methodological approaches acquired in ArtHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

| Title | Tags |
| --- | --- |
| Modern European Art & Architecture, 1900 to 1960 | 200206, 1 |

**Learning Outcome**
Students will acquire a solid foundation in the historical context of European art and architecture from c. 1900 until c. 1960, as well as some introduction to American modernism as influenced by European developments. Students will be able to articulate the characteristics of the styles, processes, and ideologies and philiosophies of key artists and movements, including Expressionism, Cubism, Dada, Surrealism and other modernist movements in France, Italy, Britain, Russia, the Netherlands, Germany, Switzerland, and East Europe, as well as Abstract Expressionism and the New York School in the United States. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. They will be able to trace the trajectory of future influence of key works of art from this period, as well as see art of the period as building upon its antecedents.

## ARTHC 353 - American Art 1876-1950

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 353 |

**Teaching Area**
ARTHC
**Course Title**
American Art 1876-1950
**Course Description**
Survey of American painting and sculpture from 1876-1950.
**Department**
Comparative Arts &Letters

## ARTHC 355 - Contemporary Art

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 355 |

**Teaching Area**
ARTHC
**Course Title**
Contemporary Art
**Course Description**
Critical evaluation of trends in art since 1945.
**Department**
Comparative Arts &Letters

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

**Title**
American Art and Architecture: 1876 to 1960

**Tags**
54617, 1

**Learning Outcome**
Students will acquire a solid foundation in the historical context of the art and architecture of the United States of America from 1876 to ca. 1960. Through a socio-historical approach students will gain an understanding of the ways in which events like the growth of American industry and culture, the rise of Socialism and Communism, WWI and American Isolationism, Regionalism, and WWII shaped and were shaped by the visual arts. Students will also be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists and movements, including Realism, Aestheticism, Pictorialism, Dada, Regionalism (including the Harlem Renaissance), Abstract

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

**Title**
Critical professional skills

**Tags**
54431, 0, 2

**Learning Outcome**
Students will develop and refine central skills in the field of contemporary art, including critical thinking, sophisticated research, creative and persuasive arguments and evidence, effective means of argumentation, as well as those necessary to produce professional-level written products and verbal-visual presentations.

**Title**
Knowledge of ideas, issues, individuals, institutions

**Tags**
137955, 0, 1

**Learning Outcome**
Students will acquire a solid foundation in the historical context of post-WWII art and architecture. Students will be able to articulate the characteristics of the styles,

Expressionism, and Pop Art as they pertain to American art. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. They will be able to trace the trajectory of future influence of key works of art from this period.

**Title**
Art Research and Writing

**Tags**
54697, 1

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research focused on a single work of art, artist, or historical concept within this period. Students will apply methodological approaches acquired in ArtHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

**Title**
Original Research

**Tags**
199765, 1

**Learning Outcome**
Students will acquire a more detailed knowledge of a particular monument and/or architect and/or architectural theory of the period, through the research and writing of a term paper.

**Title**
Architects

**Tags**
199766, 2

**Learning Outcome**
Students will become familiar with the contributions of individual architects of the period.

processes, and ideologies and philiosophies of key artists and movements, including Abstract Expressionism, Postwar European Art, Pop Art, Minimalism, Earth Art, Body Art, Neo-Pop, Neo-Expressionism, YBA. They will also be able to discuss major developments associated with pluralism, globalization, and intersectionality in art, with an emphasis on the European and American theaters prior to 1980, and the global theater thereafter. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. Additionally they will be able to see how contemporary art builds upon its antecedents.

**Title**
Conversancy in theory & criticism

**Tags**
54489, 0, 1

**Learning Outcome**
Students will become conversant with the criticism of leading figures in post-WWII art world, and the roles of criticism in the development of the field of contemporary art. They will also develop critical skills necessary to engage in verbal and written discourse vis-a-vis contemporary art in a variety of spaces, including the classroom, museums & galleries, and civic and social spaces.

**Title**
Course relevancy

**Tags**
212230, 0, 3

**Learning Outcome**
Students will be able to discern the relevancies of contemporary art to their personal goals and professional ambitions, as well as to the Aims of a BYU Education (spiritually strenghtening, intellectually enlarging, character building, and commitment to lifelong learning & service) and to their development as disciples of Jesus Christ.

| Title | Tags |
| --- | --- |
| Colonial to Civil War | 199767, 3 |

Learning Outcome
Students will acquire a basic understanding of the development of American architecture from the seventeenth century to the mid-nineteenth century.

| Title | Tags |
| --- | --- |
| Analysis | 199768, 4 |

Learning Outcome
Students will improve research, writing and analytical skills in architectural history.

## ARTHC 360 - Introduction to Museum and Curatorial Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 360 |

Teaching Area
ARTHC
Course Title
Introduction to Museum and Curatorial Studies
Course Description
Duties of museum professionals while applying museum theory to the practical development of a museum exhibit.
Department
Comparative Arts &Letters
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## ARTHC 365 - American Architecture

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 365 |

Teaching Area
ARTHC
Course Title
American Architecture
Course Description
Major figures, monuments, and movements in American architecture from colonial period through "Gilded Age."
Department
Comparative Arts &Letters
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 201 - World Civilization to 1500
  **AND** ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Museum Professions | 54386, 0 |

**Learning Outcome**
Students will engage with museum staff from various areas within the art museum including: curatorial, registration, education, design, fabrication, marketing, security and management.

| Title | Tags |
|---|---|
| Exhibition Planning | 54496, 0 |

**Learning Outcome**
Students will work as teams to create an exhibition proposal, object list, gallery design, and educational materials.

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Original Research | 54469, 0 |

**Learning Outcome**
Students will acquire a more detailed knowledge of a particular monument and/or architect and/or architectural theory of the period, through the research and writing of a term paper.

| Title | Tags |
|---|---|
| Architects | 54475, 0 |

**Learning Outcome**
Students will become familiar with the contributions of individual architects of the period.

| Title | Tags |
|---|---|
| Colonial to Civil War | 54539, 0 |

**Learning Outcome**
Students will acquire a basic understanding of the development of American architecture from the seventeenth century to the mid-nineteenth century.

| Title | Tags |
|---|---|
| Analysis | 54687, 0 |

**Learning Outcome**
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will improve research, writing and analytical skills in architectural history.

## ARTHC 367 - Modern Architecture

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
367

**Teaching Area**
ARTHC

**Course Title**
Modern Architecture

**Course Description**
Critical review of roots and evolution of modern architecture.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Research and Writing | 54378, 1 |

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research

## ARTHC 375 - Japanese Art and Architecture

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
375

**Teaching Area**
ARTHC

**Course Title**
Japanese Art and Architecture

**Course Description**
Japanese art and architecture from its neolithic origins through the dawn of the modern age. Literary, social, and religious contexts considered.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 201 - World Civilization to 1500
  **AND** ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Scope | 54215, 0 |

**Learning Outcome**

focused on a specific building or complex. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best architectural history publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

| Title | Tags |
| --- | --- |
| World Architecture: 1851 to Present | 54398, 0 |

**Learning Outcome**
Students will acquire a solid foundation in the historical context of world architecture from 1851 to the present. Students will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key architects and movements.

Students will acquire a basic understanding of the development of Japanese architecture from 1100 AD to the present.

| Title | Tags |
| --- | --- |
| Research project | 54237, 3 |

**Learning Outcome**
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| Title | Tags |
| --- | --- |
| Art and Architecture | 54249, 1 |

**Learning Outcome**
Students will become familiar with the contributions of individual Japanese artists and architects.

| Title | Tags |
| --- | --- |
| Analysis | 54409, 2 |

**Learning Outcome**
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## ARTHC 379 - History of Photography

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
379

**Teaching Area**
ARTHC

**Course Title**
History of Photography

**Course Description**
The general history of the photographic medium from its inception to the present day. The evolution of the medium, its various uses, primary figures, basic technologies, and artistic trends.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Research Skills | 54164, 2 |

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research on a single photographer or photograph.

## ARTHC 380 - Northern Mesoamerican Art

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
380

**Teaching Area**
ARTHC

**Course Title**
Northern Mesoamerican Art

**Course Description**
Survey of art and architecture of Mexico from antiquity to present.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 201 - World Civilization to 1500
  **AND** ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Scholarship | 54094, 1 |

**Learning Outcome**
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| Title | Tags |
| --- | --- |
| Sources | 54204, 5 |

Learning Outcome
Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History and Photography research guides. Students will be required to correctly use style guides.

| Title | Tags |
| --- | --- |
| Scope | 54251, 0 |

Learning Outcome
Students will acquire a solid foundation in the historical context of the history of photography from the nineteenth-century to the present.

| Title | Tags |
| --- | --- |
| Style | 54320, 1 |

Learning Outcome
Students will be able to articulate the characteristics of the period styles, processes, techniques, cultural uses and the philiosophies of key photographers in Europe and the Western Hemisphere. Students will become conversant with important photographs and collections in terms of style, patronage, reception, and meaning.

| Title | Tags |
| --- | --- |
| Theory | 54370, 3 |

Learning Outcome
Students will apply methodological approaches acquired in ArtHC 300 and other methods to their topic.

| Title | Tags |
| --- | --- |
| State of the Research | 54726, 4 |

Learning Outcome
Students will situate their informed, original ideas within the best publications and reviews

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| Title | Tags |
| --- | --- |
| Scope | 54725, 0 |

Learning Outcome
Students will acquire a foundation in Northern Mesoamerican art, culture, production and consumption.

the best publications and reviews
of period photography.

## ARTHC 382 - Southern Mesoamerican Art

### Course Information

**Teaching Area (new)**
ARTHC
**Course Number**
382
**Teaching Area**
ARTHC
**Course Title**
Southern Mesoamerican Art
**Course Description**
Survey of art and architecture of southern Mexico and central America from antiquity to present.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 201 - World Civilization to 1500
  **AND** ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

**Title**
Mexican and Central American Art: Antiquity to Present
**Tags**
54263, 1

**Learning Outcome**
Students will acquire a solid foundation in the historical

## ARTHC 490R - Special Topics and Readings in Art History

### Course Information

**Teaching Area (new)**
ARTHC
**Course Number**
490R
**Teaching Area**
ARTHC
**Course Title**
Special Topics and Readings in Art History
**Course Description**
Topics of specific student interest, centered on strengths of visiting faculty, BYU Study Abroad Program, or other significant art history projects.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
1
**Fixed**
6

**Title**
Art in Cultural Context
**Tags**
138837, 0, 1

**Learning Outcome**
This course will study the artistic output of Albrecht Dürer, with special focus on the BYU Museum of Art's collection of his prints. It will culminate in an exhibition with a student-initiated concept and student-composed labels.

context of the art of southern Mexico and Central America from antiquity to present. Students will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key monuments.

| Title | Tags |
| --- | --- |
| Research and Writing | 54321, 1 |

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research focused on a single work of art produced in southern Mexico and Central America. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

## ARTHC 492R - Special Art History Studies On Site

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 492R |

**Teaching Area**
ARTHC
**Course Title**
Special Art History Studies On Site
**Course Description**
Considering works of art and monuments of significance in major collections throughout the world and in original locations, emphasizing cultural context and site specificity.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**

## ARTHC 496R - Academic Internship: Museum Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 496R |

**Teaching Area**
ARTHC
**Course Title**
Academic Internship: Museum Internship
**Course Description**
On-the-job experience.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

1

**Fixed**
6

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ARTHC 201 - World Civilization to 1500
  **AND** ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

| Title | Tags |
|---|---|
| Application | 68618, 1 |

**Learning Outcome**
Students will use knowledge and skills from their program in a professional session.

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ARTHC 300 - Theory, Methodology, and Historiography of Art History

**Additional Comments:**

**Other Prerequisites**
ArtHC 300, 9 hours minimum upper-division art history courses, project approval.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Experience in the Field | 139424, 0 |

**Learning Outcome**
Internships will provide students experience and training in the art world (museum, gallery, art organization, auction house, library/archive, etc.). Students are expected to complete at least 140 hours of employment.

| Title | Tags |
|---|---|
| Reporting | 191195, 1 |

**Learning Outcome**
Student will deliver biweekly reflections to the internship coordinator, in which they record hours of employment, report their activities, and reflect on their experience according to prearranged prompts.
At the end of their internship students are also required to submit a final report of their internship to the coordinator, detailing their experience, skills acquired, advice for future interns, and the challenges they

encountered and overcame.

| Title | Tags |
| --- | --- |
| Off Campus Experience | 191196, 2 |

**Learning Outcome**
Completed internships fulfill the Art History "Off-Campus Requirement" (ARTHC 496R) required for graduation.

## ARTHC 496R - BYU Museum of Art Internship

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
496R

**Teaching Area**
ARTHC

**Course Title**
BYU Museum of Art Internship

**Course Description**
Professional training in curatorial practices within the BYU Museum of Art.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Experience

**Tags**
190935, 1

**Learning Outcome**
Students will fulfill contact of internship with the sponsoring museum, gallery, archive, or auction house.

**Title**
Reporting

**Tags**
191177, 2

**Learning Outcome**
Student will deliver a written report and a public presentation on the experience.

## ARTHC 496R - Off-Campus Museum/Auction House Internship

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
496R

**Teaching Area**
ARTHC

**Course Title**
Off-Campus Museum/Auction House Internship

**Course Description**
An art museum or auction house internship at a national or international institution providing training in administrative practice, curatorship, and connoisseurship. Establishing a network of connections to future employment and professional opportunities.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Reporting

**Tags**
54310, 1

**Learning Outcome**
Student will deliver a writen report and a public presentation on the experience.

# ARTHC 497 - Art History Business Capstone

## Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
497

**Teaching Area**
ARTHC

**Course Title**
Art History Business Capstone

**Course Description**
Professional fields associated with Art History. Topics include the museum, the commercial gallery, conservation and technical art history, art law, ethics, connoisseurship, government organizations, art organizations and auction houses, and challenges and opportunities within the field. Requires at least one intensive learning experience beyond the classroom.

**Department**
Comparative Arts &Letters

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 300 - Theory, Methodology, and Historiography of Art History

**Additional Comments:**

**Other Prerequisites**
Senior standing.

**Recommended**
ArtHC 350, ArtHC 355

| Title | Tags |
| --- | --- |
| Art History Business Capstone | 54778, 1 |

**Learning Outcome**
The purpose of this course will be to provide a firm understanding of the various professional fields

# ARTHC 498 - Senior Thesis/Capstone Experiences

## Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
498

**Teaching Area**
ARTHC

**Course Title**
Senior Thesis/Capstone Experiences

**Course Description**
Capstone project including a professional quality research paper and a public presentation of this paper. Participation in at least one intensive learning environment beyond the classroom, i.e., a BYU Art History Study Abroad program; an art museum, auction house or gallery internship; or two art history field trips.

**Department**
Comparative Arts &Letters

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 300 - Theory, Methodology, and Historiography of Art History

**Additional Comments:**

**Other Prerequisites**
senior standing

**Note**
Internships at major art institutions usually require an internship at a regional or university art museum as a prerequisite.

| Title | Tags |
| --- | --- |
| Art History Theory | 54192, 1 |

**Learning Outcome**

associated with the discipline of Art History. Topics of discussion will include, but are not limited to, the museum, the commercial gallery, conservation and technical art history, art law, ethics, connoisseurship, government organizations, auction houses, etc.
This course serves the Art History Business Track (Professional Track) along with ACC 200, BUS M 201, and BUS M 241. To complete the Track students need to take three of the four courses listed above.

Learning Outcome
Students will be able to articulate and employ sophisticated theoretical models used by art historians.

Title
Preparing Research Papers for Publication

Tags
54307, 1

Learning Outcome
Student will refine a previously researched paper according to the publication standards of a specific art history journal.

Title
Professional Presentation

Tags
54676, 2

Learning Outcome
Students will develop a professional style of public presentation.

## ARTHC 500 - Art in Theory: Spectatorship

### Course Information

Teaching Area (new)
ARTHC

Course Number
500

Teaching Area
ARTHC

Course Title
Art in Theory: Spectatorship

Course Description
Review and critique of major theoretical approaches in art history, emphasizing the philosophical relationship between viewer and object.

Department
Comparative Arts &Letters

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

## ARTHC 505 - Art in Theory: Language

### Course Information

Teaching Area (new)
ARTHC

Course Number
505

Teaching Area
ARTHC

Course Title
Art in Theory: Language

Course Description
Review and critique of major theoretical approaches in art history, emphasizing the recent interest in language and semiotics.

Department
Comparative Arts &Letters

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate status
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Art Criticism | 54253, 1 |

**Learning Outcome**
ARTHC 500Students will acquire a solid grasp of the major writers and theories on spectatorship in the arts, and they will gain an increased awareness of the complexities of visual representation. Students will develop an expanded confidence in their ability to identify issues related to spectatorship when confronting a work of art. They will also develop an appreciation for the meaningfulness and relevancy of the arts and art criticism in contemporary society.

| Title | Tags |
| --- | --- |
| Historical Research | 54401, 1 |

**Learning Outcome**
Students will develop art historical research skills by conducting advanced research focused on theoretical approaches to a single work of art. They will develop an enhanced ability to think and write critically about theoretical applications in art history. Students will acquire professional presentation skills as they learn to clearly organize information, draw meaningful conclusions, and effectively use visual materials. Students will also develop persuasive oral skills through the practice of classroom presentations.

**Fixed**
0

**Other Prerequisites**
Graduate status

| Title | Tags |
| --- | --- |
| Theoretical Applications | 54338, 1 |

**Learning Outcome**
Students develop an enhanced ability to think and write critically about theoretical applications in art history. This will be accomplished in part by the students studying the intellectual career of a single theory-driven art historian.

| Title | Tags |
| --- | --- |
| Application of Literary Theory | 54507, 1 |

**Learning Outcome**
Students will acquire a solid grasp of application of literary theory to art history beginning the Semiotics of de Saussure and concluding with Derrida's Deconstruction. Students will also develop an appreciation for the relevance of the arts and art criticism in contemporary society.

## ARTHC 520R - Studies in Ancient Art

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 520R |

**Teaching Area**
ARTHC
**Course Title**

## ARTHC 530R - Studies in Medieval Art

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 530R |

**Teaching Area**
ARTHC
**Course Title**

Studies in Ancient Art

**Course Description**
Selected topics in Egyptian, Greek, and Roman art.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Advanced knowledge | 54141, 0 |

**Learning Outcome**
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will be able to demonstrate an advanced level of knowledge about specialized topics in Greek or Roman art through lectures, presentations and readings.

| Title | Tags |
| --- | --- |
| Presentation | 54236, 2 |

**Learning Outcome**
Students will demonstrate the ability to analyze works of art, formulate thesis statements, organize and present their research in both an oral presentation and a written paper.

Studies in Medieval Art

**Course Description**
Selected topics in early Christian, Byzantine, Romanesque, and Gothic art.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Research | 54360, 1 |

**Learning Outcome**
Students will acquire a familiarity with, and employ, advanced research resources, strategies and techniques in the area of ancient art.

| Title | Tags |
| --- | --- |
| Advanced knowledge | 54523, 0 |

**Learning Outcome**
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will be able to demonstrate an advanced level of knowledge about specialized topics in medieval art through lectures, presentations and readings.

| Title | Tags |
| --- | --- |
| Research | 54605, 1 |

**Learning Outcome**

@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will acquire a familiarity with, and employ, advanced research resources, strategies and techniques in the area of ancient art.

| Title | Tags |
| --- | --- |
| Presentation | 54633, 2 |

**Learning Outcome**

@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will demonstrate the ability to analyze works of art, formulate thesis statements, organize and present their research in both an oral presentation and a written paper.

## ARTHC 540R - Studies in Renaissance Art

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 540R |

**Teaching Area**
ARTHC
**Course Title**
Studies in Renaissance Art
**Course Description**
Selected topics in Northern and Southern Renaissance art.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## ARTHC 550R - Studies in Baroque Art

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ARTHC | 550R |

**Teaching Area**
ARTHC
**Course Title**
Studies in Baroque Art
**Course Description**
Selected topics in northern and southern baroque art.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Advanced knowledge | 54284, 0 |

**Learning Outcome**

@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will be able to demonstrate an advanced level of knowledge about specialized topics in Renaissance art through lectures, presentations, and readings.

| Title | Tags |
| --- | --- |
| Presentation | 54372, 2 |

**Learning Outcome**

Students will demonstrate the ability to analyze works of art, formulate thesis statements, organize and present their research in both oral and written form.

| Title | Tags |
| --- | --- |
| Original research | 54406, 1 |

**Learning Outcome**

@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will acquire a familiarity with, and employ, advanced research resources, strategies, and techniques in the area of Renaissance art.

| Title | Tags |
| --- | --- |
| Original research | 54289, 1 |

**Learning Outcome**

@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will acquire a familiarity with, and employ, advanced research resources, strategies, and techniques in the area of Baroque art.

| Title | Tags |
| --- | --- |
| Presentation | 54402, 2 |

**Learning Outcome**

@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will demonstrate the ability to analyze works of art, formulate thesis statements, organize and present their research in both oral and written form.

| Title | Tags |
| --- | --- |
| Advanced Knowledge | 54417, 0 |

**Learning Outcome**

@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will be

able to demonstrate an advanced level of knowledge about specialized topics in Baroque art through lectures, presentations, and readings.

## ARTHC 560R - Studies in Eighteenth- and Nineteenth-Century Art

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
560R

**Teaching Area**
ARTHC

**Course Title**
Studies in Eighteenth- and Nineteenth-Century Art

**Course Description**
Selected topics in eighteenth- and nineteenth-century art of Europe and America.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
State of the Research

**Tags**
54339, 0

**Learning Outcome**
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria;

## ARTHC 570R - Studies in Modern and Contemporary Art

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
570R

**Teaching Area**
ARTHC

**Course Title**
Studies in Modern and Contemporary Art

**Course Description**
Selected topics in modern and contemporary art of Europe and America.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Knowledge of ideas, issues, individuals, institutions

**Tags**
212232, 0, 2

**Learning Outcome**
Students will acquire a solid foundation in the historical context of post-WWII art and architecture. Students will be able to articulate the characteristics of the styles, processes, and ideologies and philiosophies of key artists and movements, including Abstract Expressionism, Postwar

}div.WordSection1 { page: WordSection1; }Students will acquire a state-of-the research knowledge of an artist, art movement or related movements, genre, thematic topic, culture, theory or practice from the designated period of the seminar (18th and 19th centuries).

| Title | Tags |
| --- | --- |
| Original Research | 54492, 1 |

**Learning Outcome**
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will develop their own original research project related to the umbrella topic of the seminar.

| Title | Tags |
| --- | --- |
| Presentation | 54657, 2 |

**Learning Outcome**
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will demonstrate the ability to analyze works of art, formulate thesis statements, organize and present their research in both an oral presentation and a written paper.

European Art, Pop Art, Minimalism, Earth Art, Body Art, Neo-Pop, Neo-Expressionism, YBA. They will also be able to discuss major developments associated with pluralism, globalization, and intersectionality in art, with an emphasis on the European and American theaters prior to 1980, and the global theater thereafter. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. Additionally they will be able to see how contemporary art builds upon its antecedents.

| Title | Tags |
| --- | --- |
| Critical professional skills | 212233, 0, 3 |

**Learning Outcome**
Students will develop and refine central skills in the field of contemporary art, including critical thinking, sophisticated research, creative and persuasive arguments and evidence, effective means of argumentation, as well as those necessary to produce professional-level written products and verbal-visual presentations.

| Title | Tags |
| --- | --- |
| Course relevancy | 212234, 0, 4 |

**Learning Outcome**
Students will be able to discern the relevancies of contemporary art to their personal goals and professional ambitions, as well as to the Aims of a BYU Education (spiritually strenghtening, intellectually enlarging, character building, and commitment to lifelong learning & service) and to their development as disciples of Jesus Christ.

| Title | Tags |
| --- | --- |
| Conversancy in role of theory & criticism | 212231, 0, 1 |

**Learning Outcome**
Students will become conversant

Students will become conversant with the criticism of leading figures in post-WWII art world, and the roles of criticism in the development of the field of contemporary art. They will also develop critical skills necessary to engage in verbal and written discourse vis-a-vis contemporary art in a variety of spaces, including the classroom, museums & galleries, and civic and social spaces.

## ARTHC 580R - Studies in Architecture

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
580R

**Teaching Area**
ARTHC

**Course Title**
Studies in Architecture

**Course Description**
Selected topics in architecture of Europe and America.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Scope

**Tags**
54441, 0

**Learning Outcome**
Students will acquire a state-of-the-research overview of an architect, school or movement, culture, or practice in the history of Western architecture.

## ARTHC 590R - Studies in Curatorship

### Course Information

**Teaching Area (new)**
ARTHC

**Course Number**
590R

**Teaching Area**
ARTHC

**Course Title**
Studies in Curatorship

**Course Description**
Selected topics in curation and the museum.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Exhibition

**Tags**
54087, 1

**Learning Outcome**
Students will develop a thesis for, and multi-stage plan to execute, an exhibition.

| Title | Tags |
| --- | --- |
| Research | 54470, 1 |

**Learning Outcome**
Students will develop their own original research project related to the umbrella topic of the seminar.

| Title | Tags |
| --- | --- |
| Presentation | 54485, 2 |

**Learning Outcome**
Students will become increasingly articulate through intense discussions of readings, theoretical models, lectures, and peer research presentations.

| Title | Tags |
| --- | --- |
| Scope | 54500, 0 |

**Learning Outcome**
tudents will achieve state-of-the-research conversancy with scholarship related to the curatorial topic of the seminar.

## ARTHC 595R - French Readings for Art Historians

### Course Information

**Teaching Area (new)**
ARTHC
**Course Number**
595R
**Teaching Area**
ARTHC
**Course Title**
French Readings for Art Historians
**Course Description**
Special instruction in reading French scholarly texts.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## ARTHC 595R - Foreign Language Readings for Art Historians

### Course Information

**Teaching Area (new)**
ARTHC
**Course Number**
595R
**Teaching Area**
ARTHC
**Course Title**
Foreign Language Readings for Art Historians
**Course Description**
Special instruction in reading French or German scholarly texts.
**Department**
Comparative Arts &Letters
**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Application | 54404, 1 |

**Learning Outcome**
Students will translate (from target language to English) a scholarly article of their own choice.

| Title | Tags |
| --- | --- |
| Research skills | 54727, 0 |

**Learning Outcome**
Students will learn the basic grammar and art history-specific vocabulary of the target language sufficient to comprehend or translate exhibition catalogue entries and other publications or archival sources.

## ARTHC 599R - Academic Internship

### Course Information

**Teaching Area (new)**
ARTHC
**Course Number**
599R
**Teaching Area**
ARTHC
**Course Title**
Academic Internship
**Course Description**
Professional museum experience with a curatorial mentor.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
1
**Fixed**
8

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**

## ASIAN 200 - Introduction to Asian Studies: Methods and Materials

### Course Information

**Teaching Area (new)**
ASIAN
**Course Number**
200
**Teaching Area**
ASIAN
**Course Title**
Introduction to Asian Studies: Methods and Materials
**Course Description**
Sources, materials, and methods of research and writing; critical analysis of research project.
**Department**
Internationl&Area Studies
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

ArtHC graduate student status

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Reporting | 54177, 1 |

**Learning Outcome**
Students will deliver a written report and a public presentation on the experience.

| Title | Tags |
|---|---|
| Experience | 54577, 0 |

**Learning Outcome**
Students will fulfill the contact of a graduate-level internship with the sponsoring museum, gallery, archive, or auction house.

0

**Note**
Required of all Asian Studies majors early in the program.

| Title | Tags |
|---|---|
| Effective Research and Writing | 199950, 2 |

**Learning Outcome**
The student will be able to apply effective search strategies to locate and to evaluate information on Asia in all formats (print, electronic, microform, video, DVD) and of all types (books, articles, reference materials, etc.). The student will be able to employ proper research skills to carry out research on a topic related to Asia and present results in oral and written academic reports.

| Title | Tags |
|---|---|
| Factual Knowledge | 200126, 0 |

**Learning Outcome**
The student can identify countries and major geographic features of Asia on a map. The student can relate basic facts about the history, economics, politics, society and cultures of the countries of Asia.

## ASIAN 330R - Asian Studies Abroad

### Course Information

**Teaching Area (new)**
ASIAN

**Course Number**
330R

**Teaching Area**
ASIAN

**Course Title**
Asian Studies Abroad

**Course Description**
Preparatory course approved for Asian Seminar (Study Abroad).

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

| Title | Tags |
|---|---|

## ASIAN 342 - Asian Literary Traditions

### Course Information

**Teaching Area (new)**
ASIAN

**Course Number**
342

**Teaching Area**
ASIAN

**Course Title**
Asian Literary Traditions

**Course Description**
Comparative analysis of Asian literary works spanning several traditions.

**Department**
Internationl&Area Studies

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

| Area Knowledge | 200134, 1 |
|---|---|

**Learning Outcome**
Students will enhance their knowledge of the language, culture, and society through a study abroad experience.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Asian Literary Traditions | 199951, 2 |

**Learning Outcome**
Gain familiarity with Asian literary traditions, particularly India, China, and Japan.

| Title | Tags |
|---|---|
| Critical Analysis and Writing | 199952, 3 |

**Learning Outcome**
Demonstrate strong critical reading, writing, and analytical skills across linguistic and national traditions.

| Title | Tags |
|---|---|
| Comparative Literary Analysis | 200101, 0 |

**Learning Outcome**
Apply basic concepts of comparative literary analysis to course texts.

## ASIAN 495 - Senior Seminar

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ASIAN | 495 |

**Teaching Area**
ASIAN
**Course Title**
Senior Seminar
**Course Description**
Learning research and writing skills necessary to prepare and present major senior research paper.
**Department**
Internationl&Area Studies
**When Taught**
All Semesters/Terms

### Credit Hours

Min

## ASL 101 - First-Year American Sign Language, Part 1

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ASL | 101 |

**Teaching Area**
ASL
**Course Title**
First-Year American Sign Language, Part 1
**Course Description**
First in a series of courses which focuses on acquiring basic ASL skills, both receptive and expressive. An introduction to the Deaf community and culture will be provided.
**Department**
Language Studies
**When Taught**
All Semesters/Terms

### Credit Hours

1

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Senior status or program coordinator's consent.
**Note**
Most all major requirements should be completed before registering for this course.

| Title | Tags |
| --- | --- |
| Effective Research, Analysis and Writing | 199953, 1 |

**Learning Outcome**
In this course, you will learn how to complete a significant research project using appropriate methods of research, analysis, and a professional standard of writing. In doing so, you will draw heavily from your knowledge from previous courses.

| Title | Tags |
| --- | --- |
| Factual Knowledge | 199954, 2 |

**Learning Outcome**
You will do this by studying a specialized topic in Asian Studies under the guidance of a professor. Thus, you will deepen your familiarity with a sub-field within Asian Studies and Asian Studies more broadly.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 199955, 3 |

**Learning Outcome**
You will also learn how to present your findings in a high-quality oral presentation, and how to give and receive appropriate feedback within a community of scholars.

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
1

**Note**
Intended for students with little or no experience in ASL.

| Title | Tags |
| --- | --- |
| Describe | 193075, 2 |

**Learning Outcome**
Describe basic daily activities and preferences.

| Title | Tags |
| --- | --- |
| Deaf culture | 193105, 4 |

**Learning Outcome**
Identify general characteristics of Deaf culture.

| Title | Tags |
| --- | --- |
| Deaf history | 193128, 5 |

**Learning Outcome**
Recall important events in American Deaf history.

| Title | Tags |
| --- | --- |
| ASL Storytelling | 193151, 3 |

**Learning Outcome**
Introduce basic aspects of ASL storytelling.

| Title | Tags |
| --- | --- |
| Exchange Information | 193249, 1 |

**Learning Outcome**
Exchange information about self and family with others.

## ASL 102 - First-Year American Sign Language, Part 2

### Course Information

**Teaching Area (new)**
ASL

**Course Number**
102

**Teaching Area**
ASL

**Course Title**
First-Year American Sign Language, Part 2

**Course Description**
Second in a series of courses which focuses on acquiring basic ASL skills, both receptive and expressive. An introduction to the Deaf community and culture will be provided.

**Department**
Language Studies

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ASL 101 - First-Year American Sign Language, Part 1

**Additional Comments:**

**Note**
NOTE: Teacher may waive prerequisite based on prior experience.NOTE: Not for native or advanced speakers.

| Title | Tags |
|---|---|
| Converse | 177880, 0 |

**Learning Outcome**
Be able to converse naturally using selected vocabulary.

## ASL 111R - American Sign Language Basic Conversation

### Course Information

**Teaching Area (new)**
ASL

**Course Number**
111R

**Teaching Area**
ASL

**Course Title**
American Sign Language Basic Conversation

**Course Description**
Students will be engaged in Novice level communication, allowing for growth into Novice High to Intermediate Low levels. Topics of beginning conversation will include family, school, work and personal interests. Students will have the opportunity to practice previously developed skills in a conversational setting while increasing vocabulary and concepts in ASL related to beginning conversational levels.

**Department**
Language Studies

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ASL 102 - First-Year American Sign Language, Part 2

**Additional Comments:**

**Recommended**
ASL 102; Or equivalent proficiency (two to four years in high school)

| Title | Tags |
| --- | --- |
| Daily routines | 177902, 0 |

**Learning Outcome**
Explain daily routines and time concepts.

| Title | Tags |
| --- | --- |
| Occupations | 193066, 3 |

**Learning Outcome**
Discusss various occupations of family members.

| Title | Tags |
| --- | --- |
| Culture Rules | 193068, 3 |

**Learning Outcome**
Be able to identify and explain selected culture rules.

| Title | Tags |
| --- | --- |
| Requests | 193101, 2 |

**Learning Outcome**
Make basic person requests.

| Title | Tags |
| --- | --- |
| Structure | 193122, 2 |

**Learning Outcome**
Be able to develop and use appropriate ASL structure.

| Title | Tags |
| --- | --- |
| Films | 193149, 4 |

**Learning Outcome**
able to answer questions about selected films.

| Title | Tags |
| --- | --- |
| Classifiers | 193166, 1 |

**Learning Outcome**
Be able to develop and use appropriate classifiers.

| Title | Tags |
| --- | --- |
| Deaf culture | 193174, 4 |

**Learning Outcome**
Compare and contrast Deaf and hearing cultures.

| Title | Tags |
| --- | --- |
| Describe appearance | 193221, 1 |

**Learning Outcome**
Describe appearance of others using classifiers.

## ASL 201 - Second-Year American Sign Language, Part 1

### Course Information

**Teaching Area (new)**
ASL
**Course Number**
201
**Teaching Area**
ASL
**Course Title**
Second-Year American Sign Language, Part 1
**Course Description**
Third in a series of courses which focuses on developing intermediate ASL skills, both receptive and expressive. Increased focus on the role that ASL plays in the lives of the Deaf community.
**Department**
Language Studies
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ASL 102 - First-Year American Sign Language, Part 2

**Additional Comments:**

## ASL 202 - Second-Year American Sign Language, Part 2

### Course Information

**Teaching Area (new)**
ASL
**Course Number**
202
**Teaching Area**
ASL
**Course Title**
Second-Year American Sign Language, Part 2
**Course Description**
Fourth in a series of courses which focuses on developing intermediate ASL skills, both receptive and expressive. Increased focus on the role that ASL plays in the lives of the Deaf community.
**Department**
Language Studies
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ASL 201 - Second-Year American Sign Language, Part 1

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Deaf history and culture | 193091, 3 |

**Learning Outcome**
Discuss several aspects of Deaf history and culture.-->

| Title | Tags |
| --- | --- |
| Suggestions and requests | 193097, 2 |

**Learning Outcome**
Make suggestions and requests.-->

| Title | Tags |
| --- | --- |
| Classifiers | 193187, 1 |

**Learning Outcome**
Increase use and understanding of classifiers.-->

| Title | Tags |
| --- | --- |
| Narration | 193230, 0 |

**Learning Outcome**
Narrate various life experiences and events.-->

**Other Prerequisites**
Teacher may waive prerequisite based on prior experience.
**Note**
Culminating course for GE Languages of Learning requirement.
Required course for obtaining language credit by examination.

| Title | Tags |
| --- | --- |
| Illustrate | 193078, 1 |

**Learning Outcome**
Illustrate interesting facts.-->

| Title | Tags |
| --- | --- |
| Describe | 193113, 3 |

**Learning Outcome**
Describe accidents and embarrassing situations.-->

| Title | Tags |
| --- | --- |
| History and culture | 193178, 4 |

**Learning Outcome**
Discuss in American Sign Language selected aspects of Deaf history and culture.-->

| Title | Tags |
| --- | --- |
| Rules and customes | 193190, 2 |

**Learning Outcome**
Explain rules and cultural customs.

| Title | Tags |
| --- | --- |
| Narrate | 193226, 0 |

**Learning Outcome**
Narrate unforgettable moments.-->

## ASL 210 - ASL Fingerspelling and Numbering

### Course Information

**Teaching Area (new)**
ASL

**Course Number**
210

**Teaching Area**
ASL

**Course Title**
ASL Fingerspelling and Numbering

**Course Description**
Develop ASL fingerspelling skills. Comprehend and produce accurate ASL numbers.

**Department**
Language Studies

**When Taught**
Fall

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ASL 202 - Second-Year American Sign Language, Part 2

**Additional Comments:**

**Other Prerequisites**
Or by instructor permission.

## ASL 211R - American Sign Language Intermediate Conversation

### Course Information

**Teaching Area (new)**
ASL

**Course Number**
211R

**Teaching Area**
ASL

**Course Title**
American Sign Language Intermediate Conversation

**Course Description**
Students will engage in Intermediate level communication, allowing for growth into Intermediate High to Advanced Low levels. Topics of intermediate conversation will include further exploration of family, school, work and personal interests as well as descriptions and narrations. Students will have the opportunity to practice previously developed skills in a conversational setting while increasing vocabulary and concepts in ASL related to intermediate and some advanced conversational levels.

**Department**
Language Studies

**When Taught**
Fall and Winter

**Credit Hours**

Min
2

Fixed
2

**Lecture Hours**

Fixed
2

**Lab Hours**

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ASL 202 - Second-Year American Sign Language, Part 2

**Additional Comments:**

**Note**
Or equivalent proficiency (contact the Center for Language Studies).

## ASL 301 - Advanced American Sign

## ASL 302 - Deaf Literature

## ASL 301 - Advanced American Sign Language and Culture

### Course Information

**Teaching Area (new)**
ASL

**Course Number**
301

**Teaching Area**
ASL

**Course Title**
Advanced American Sign Language and Culture

**Course Description**
Fifth in a series of five courses, which aims to increase interpersonal, receptive, and presentational ASL skills at the advanced level in the context of society and culture of the Deaf community.

**Department**
Language Studies

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ASL 202 - Second-Year American Sign Language, Part 2

**Additional Comments:**

**Recommended**
202 or equivalent proficiency

**Note**
ASL Program Coordinators may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Define | 193065, 0 |

**Learning Outcome**
Be able to discuss the nature of culture and definitions of Deaf culture, Deaf community, and Deaf-World.

## ASL 302 - Deaf Literature

### Course Information

**Teaching Area (new)**
ASL

**Course Number**
302

**Teaching Area**
ASL

**Course Title**
Deaf Literature

**Course Description**
Various genres of Deaf literature. Introduction to analysis of ASL literary works.

**Department**
Language Studies

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ASL 301 - Advanced American Sign Language and Culture

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Values | 193067, 4 |

**Learning Outcome**
Be able to accurately discuss how Deaf literature reflects and reinforces Deaf-World values, beliefs and traditions.

| Title | Tags |
|---|---|
| Literary Works | 193094, 3 |

| Title | Tags |
| --- | --- |
| Issues | 193076, 2 |

**Learning Outcome**
Be able to discuss various educational and social issues affecting the Deaf community.

| Title | Tags |
| --- | --- |
| Deaf History | 193109, 7 |

**Learning Outcome**
Become familiar with the basics of American Deaf history.

| Title | Tags |
| --- | --- |
| Characteristics | 193130, 3 |

**Learning Outcome**
Be able to identify general characteristics of Deaf culture.

| Title | Tags |
| --- | --- |
| Impact of Deafness | 193156, 6 |

**Learning Outcome**
Begin to understand the impact of deafness on various lives.

| Title | Tags |
| --- | --- |
| Values | 193175, 1 |

**Learning Outcome**
Be able to identify the basic values and beliefs of the Deaf culture.

| Title | Tags |
| --- | --- |
| Practices | 193200, 4 |

**Learning Outcome**
Be able to identify specific practices of Deaf people.

| Title | Tags |
| --- | --- |
| Roles of ASL and English | 193222, 5 |

**Learning Outcome**
Be able to discuss the role of ASL and English in the community and in individual's identity development.

**Learning Outcome**
Become familiar with and be able to discuss in ASL specific literary works.

| Title | Tags |
| --- | --- |
| Forms | 193148, 1 |

**Learning Outcome**
Be able to discuss the number of literary forms including sign play, poems, stories, short stories, plays and Deaf folklore.

| Title | Tags |
| --- | --- |
| Literature | 193152, 0 |

**Learning Outcome**
Be able to discuss the literature of the Deaf community including both original ASL works and those translated from English.

| Title | Tags |
| --- | --- |
| Transition | 193209, 2 |

**Learning Outcome**
Be able to discuss the transition of ASL literary forms as well as selected creators and performers.

## ASL 305 - ASL Special Topics

### Course Information

**Teaching Area (new)**
ASL

**Course Number**
305

**Teaching Area**
ASL

**Course Title**
ASL Special Topics

**Course Description**
Exploration of special topics in ASL and/or Deaf Culture to increase signing proficiency and content knowledge.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

## ASL 311R - American Sign Language Advanced Conversation

### Course Information

**Teaching Area (new)**
ASL

**Course Number**
311R

**Teaching Area**
ASL

**Course Title**
American Sign Language Advanced Conversation

**Course Description**
Engage in conversation across a variety of topics with a focus on improving language production.

**Department**
Language Studies

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ASL 102 - First-Year American Sign Language, Part 2

**Additional Comments:**

**Recommended**
ASL 201; ASL 201; ASL 201

**Note**
ASL coordinators may determine equivalent proficiency.

**Title**
Language Proficiency

**Tags**
213342, 0, 1, 2023-08-28 14:02:27

**Learning Outcome**
Students will demonstrate proficiency in expressive and receptive ASL skills at the advanced level.

**Title**
Professional Linguistic and Cultural Competency

**Tags**
213343, 0, 2, 2023-08-28 14:02:29

**Learning Outcome**
Students will demonstrate knowledge of Deaf cultural norms in their ASL interactions.

## ASL 320 - History of Modern Deaf Culture

### Course Information

**Teaching Area (new)**
ASL
**Course Number**
320
**Teaching Area**
ASL
**Course Title**
History of Modern Deaf Culture
**Course Description**
An exploration of the emergence of a Deaf School in the United States and the evolution of Deaf culture from 1817 to the present.
**Department**
Language Studies
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ASL 202 - Second-Year American Sign Language, Part 2

**Additional Comments:**

**Recommended**
ASL 301; ASL 301
**Note**
Prerequisites may be waived according to instructor.

## ASL 330 - Advanced Language Proficiency through Cultural Studies: ASL

### Course Information

**Teaching Area (new)**
ASL
**Course Number**
330
**Teaching Area**
ASL
**Course Title**
Advanced Language Proficiency through Cultural Studies: ASL
**Course Description**
Study of ASL and Deaf Culture using advanced level interpersonal, presentational, and interpretive skills in ASL. The skills acquired in ASL 100/200 level courses (or equivalent experience such as an ASL mission) will be applied to extending knowledge of Deaf culture and language.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Successful completion of ASL 301 or equivalent experience such as completion of an ASL mission.
**Note**
Entry course for returned missionaries or others of equivalent language ability. Required course for obtaining language credit by examination. May fulfill GE requirements.

## ASL 431 - Introduction to American Sign Language Linguistics

### Course Information

**Teaching Area (new)**
ASL

**Course Number**
431

**Teaching Area**
ASL

**Course Title**
Introduction to American Sign Language Linguistics

**Course Description**
Designed for students who have acquired a good mastery of ASL. This course explores the dynamics of ASL linguistics, including basic simillarities between ASL and other languages.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ASL 301 - Advanced American Sign Language and Culture

**Additional Comments:**

**Other Prerequisites**
ASL 301 or equivalent.

**Recommended**
ASL 302 or concurrent enrollment

## ASL 431 - Interpreting 1

### Course Information

**Teaching Area (new)**
ASL

**Course Number**
431

**Teaching Area**
ASL

**Course Title**
Interpreting 1

**Course Description**
Building basic interpreting skills. Code of Ethics, interpreting protocol, and interpreting issues.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
ASL 301 or equivalent.

**Recommended**
ASL 302 or concurrent enrollment

**Note**
Teacher may waive prerequisite based on prior experience.

## ASL 432 - Exploration of American Sign Language Interpreting

### Course Information

**Teaching Area (new)**

**Course Number**

## AYMRA 100 - Language Study: Aymara

### Course Information

**Teaching Area (new)**
AYMRA

**Course Number**
100

ASL 432
**Teaching Area**
ASL
**Course Title**
Exploration of American Sign Language Interpreting
**Course Description**
Students investigate ASL interpreting profession and related issues to include Code of Professional Conduct and interpreting protocol.
**Department**
Language Studies
**When Taught**
Winter

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ASL 301 - Advanced American Sign Language and Culture

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Decision | 195411, 0 |

**Learning Outcome**
Students will be able to make a decision about continuing in the interpreting profession.

| Title | Tags |
|---|---|
| Code | 195412, 1 |

**Learning Outcome**
Students will be able to use the Code of Professional Conduct to make ethical decisions related to interpreting

**Teaching Area**
AYMRA
**Course Title**
Language Study: Aymara
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Aymara.
**Department**
Language Studies
**When Taught**
Contact Department

## Credit Hours

**Min**
2

**Fixed**
2

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 195755, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 195756, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 195757, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

interpreting.

| Title | Tags |
| --- | --- |
| Protocol | 195413, 2 |

**Learning Outcome**
Students will demonstrate understanding of various interpreting models and processes.

| Title | Tags |
| --- | --- |
| Skills | 195414, 1 |

**Learning Outcome**
Students will develop novice-level skills in a variety of interpreting settings: educational, medical, governmental, legal, corporate, etc.

## AYMRA 101 - First-Year Language Study: Aymara

### Course Information

**Teaching Area (new)**
AYMRA
**Course Number**
101
**Teaching Area**
AYMRA
**Course Title**
First-Year Language Study: Aymara
**Course Description**
Beginning speaking, listening, reading, and writing skills in Aymara.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**

## AYMRA 102 - First-Year Language Study: Aymara

### Course Information

**Teaching Area (new)**
AYMRA
**Course Number**
102
**Teaching Area**
AYMRA
**Course Title**
First-Year Language Study: Aymara
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Aymara.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

1

| Title | Tags |
| --- | --- |
| Comprehension | 195758, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195759, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195760, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195761, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- AYMRA 101 - First-Year Language Study: Aymara

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## AYMRA 201 - Second-Year Language Study: Aymara

### Course Information

**Teaching Area (new)**
AYMRA
**Course Number**
201
**Teaching Area**
AYMRA
**Course Title**
Second-Year Language Study: Aymara
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Aymara.
**Department**
Language Studies
**When Taught**

## AYMRA 202 - Second-Year Language Study: Aymara

### Course Information

**Teaching Area (new)**
AYMRA
**Course Number**
202
**Teaching Area**
AYMRA
**Course Title**
Second-Year Language Study: Aymara
**Course Description**
Continued emphasis on Aymara communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**

Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- AYMRA 102 - First-Year Language Study: Aymara

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- AYMRA 201 - Second-Year Language Study: Aymara

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
| --- | --- |
| Communication Skills | 196278, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 196279, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196280, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196286, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## AYMRA 305 - Language Skills Development: Aymara

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AYMRA | 305 |

**Teaching Area**
AYMRA
**Course Title**
Language Skills Development: Aymara
**Course Description**
Increasing proficiency in one or more of the following Aymara language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 196292, 1 |

**Learning Outcome**

## AYMRA 321 - Advanced Grammar: Aymara

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| AYMRA | 321 |

**Teaching Area**
AYMRA
**Course Title**
Advanced Grammar: Aymara
**Course Description**
Systematic review of grammar and syntax of target language Aymara.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 196293, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196296, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- AYMRA 202 - Second-Year Language Study: Aymara

Additional Comments:

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 196299, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 196302, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196305, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## AYMRA 330 - Advanced Language Proficiency Through Cultural Studies: Aymara

### Course Information

Teaching Area (new)
AYMRA
Course Number
330
Teaching Area
AYMRA
Course Title
Advanced Language Proficiency Through Cultural Studies: Aymara
Course Description
Study of Aymara culture using interpersonal, presentational, and interpretive skills in the target language.

## AYMRA 340 - Introduction to Literature: Aymara

### Course Information

Teaching Area (new)
AYMRA
Course Number
340
Teaching Area
AYMRA
Course Title
Introduction to Literature: Aymara
Course Description
Advanced study of literature of Aymara literature. Continued emphasis on communication skills and culture.
Department

interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Aymra 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 196311, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 196312, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196313, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture

Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- AYMRA 330 - Advanced Language Proficiency Through Cultural Studies: Aymara

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 196315, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 196316, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 196317, 3 |

**Learning Outcome**
Place literature in a meaningful

related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196314, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 196318, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## AYMRA 350 - Advanced Language Study for Career Purposes: Aymara

### Course Information

**Teaching Area (new)**
AYMRA
**Course Number**
350
**Teaching Area**
AYMRA
**Course Title**
Advanced Language Study for Career Purposes: Aymara
**Course Description**
Concentration on Aymara language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

## AZER 100 - Language Study: Azerbaijani

### Course Information

**Course Number**
100
**Teaching Area**
AZER
**Course Title**
Language Study: Azerbaijani
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Azerbaijani
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Speaking | 213344, 0, 1, 2023-08-28 14:02:48 |

**Learning Outcome**
Speak Azerbaijani well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- AYMRA 330 - Advanced Language Proficiency Through Cultural Studies: Aymara

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 196319, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196320, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196321, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196322, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196323, 5 |

**Learning Outcome**

| Social Situations | 213345, 0, 2, 2023-08-28 14:02:50 |
| --- | --- |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the Azerbaijani culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 213346, 0, 3, 2023-08-28 14:02:51 |

**Learning Outcome**
Understand spoken and written Azerbaijani well enough to follow simple instructions.

Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## AZER 101 - First-Year Language Study: Azerbaijani

### Course Information

**Course Number**
101
**Teaching Area**
AZER
**Course Title**
First-Year Language Study: Azerbaijani
**Course Description**
Beginning speaking, listening, reading, and writing skills in Azerbaijani
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Fixed**
4

### Lecture Hours

**Fixed**
4

| Title | Tags |
|---|---|
| Speaking | 213344, 0, 1, 2023-08-28 14:02:48 |

**Learning Outcome**
Speak Azerbaijani well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 213345, 0, 2, 2023-08-28 14:02:50 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the Azerbaijani culture.

| Title | Tags |
|---|---|
| Follow Instructions | 213346, 0, 3, 2023-08-28 14:02:51 |

**Learning Outcome**
Understand spoken and written

## AZER 102 - First-Year Language Study: Azerbaijani

### Course Information

**Course Number**
102
**Teaching Area**
AZER
**Course Title**
First-Year Language Study: Azerbaijani
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Azerbaijani
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Fixed**
4

### Lecture Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- AZER 101 - First-Year Language Study: Azerbaijani

**Additional Comments:**

**Other Prerequisites**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 213347, 0, 1, 2023-08-28 14:02:55 |

**Learning Outcome**
Demonstrate understanding of written and spoken Azerbaijani relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 213348, 0, 2, 2023-08-28 14:02:56 |

Azerbaijani well enough to follow simple instructions.

**Learning Outcome**
Speak Azerbaijani well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 213349, 0, 3, 2023-08-28 14:02:58 |

**Learning Outcome**
Write short, simple messages in Azerbaijani consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 213350, 0, 4, 2023-08-28 14:03:00 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the Azerbaijani culture.

## AZER 201 - Second-Year Language Study: Azerbaijani

### Course Information

**Course Number**
201
**Teaching Area**
AZER
**Course Title**
Second-Year Language Study: Azerbaijani
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Azerbaijani
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Fixed**
4

### Lecture Hours

**Fixed**
4

No Requirements

## AZER 202 - Second-Year Language Study: Azerbaijani

### Course Information

**Course Number**
202
**Teaching Area**
AZER
**Course Title**
Second-Year Language Study: Azerbaijani
**Course Description**
Continued emphasis on Azerbaijani communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Fixed**
4

### Lecture Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**

**Other Prerequisites**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Elaboration | 213351, 0, 1, 2023-08-28 14:03:03 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past, and future time.

| Title | Tags |
| --- | --- |
| Vocabulary | 213352, 0, 2, 2023-08-28 14:03:04 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 213353, 0, 3, 2023-08-28 14:03:05 |

**Learning Outcome**
Demonstrate understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 213354, 0, 4, 2023-08-28 14:03:07 |

**Learning Outcome**
Discuss common products and practices related to every-day life in the Azerbaijani culture.

**Prerequisites**

**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- AZER 201 - Second-Year Language Study: Azerbaijani

**Additional Comments:**

**Other Prerequisites**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Communication Skills | 213355, 0, 1, 2023-08-28 14:03:08 |

**Learning Outcome**
Communicate in both the written and spoken Azerbaijani with reasonable accuracy about real-world activities with well-educated members of the target culture who are accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 213356, 0, 2, 2023-08-28 14:03:11 |

**Learning Outcome**
Demonstrate understanding of everyday written and verbal instructions. Demonstrate comprehension of concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 213357, 0, 3, 2023-08-28 14:03:13 |

**Learning Outcome**
Discuss in Azerbaijani cultural practices related to everyday life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| Languages of Learning | 213358, 0, 4, 2023-08-28 14:03:14 |

**Learning Outcome**
Complete language and culture aspects of the General Education "Languages of Learning" and

"Global and Cultural Awareness" requirement.

## AZER 305 - Language Skills Development: Azerbaijani

### Course Information

**Course Number**
305
**Teaching Area**
AZER
**Course Title**
Language Skills Development: Azerbaijani
**Course Description**
Increasing proficiency in one or more of the following Azerbaijani language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 213359, 0, 1, 2023-08-28 14:03:16 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 213360, 0, 2, 2023-08-28 14:03:17 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 213361, 0, 3, 2023-08-28 14:03:18 |

## AZER 330 - Advanced Language Proficiency Through Cultural Studies: Azerbaijani

### Course Information

**Course Number**
330
**Teaching Area**
AZER
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Azerbaijani
**Course Description**
Study of culture using interpersonal, presentational, and interpretive skills in Azerbaijani.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Communication Skills | 213362, 0, 1, 2023-08-28 14:03:19 |

**Learning Outcome**
In both written and spoken Azerbaijani, communicate accurately with well-educated members of the Azerbaijani culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 213363, 0, 2, 2023-08-28 14:03:20 |

**Learning Outcome**
Demonstrate understanding of detailed written and verbal instructions. Demonstrate comprehension of historical passages, newspaper and

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

passages, newspaper and magazine articles, and broadcast news reports that well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 213364, 0, 3, 2023-08-28 14:03:22 |

Learning Outcome
Acquire background knowledge of important achievements related to the Azerbaijani culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 213365, 0, 4, 2023-08-28 14:03:23 |

Learning Outcome
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements

## AZER 340 - Introduction to Literature: Azerbaijani

### Course Information

**Course Number**
340
**Teaching Area**
AZER
**Course Title**
Introduction to Literature: Azerbaijani
**Course Description**
Advanced study of Azerbaijani literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Fixed**
3

### Lecture Hours

## AZER 350 - Advanced Language Study for Career Purposes: Azerbaijani

### Course Information

**Course Number**
350
**Teaching Area**
AZER
**Course Title**
Advanced Language Study for Career Purposes: Azerbaijani
**Course Description**
Concentration on Azerbaijani language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Fixed**
3

### Lecture Hours

**Lecture Hours**

**Fixed**
3

**Recommended**
Azerbaijani 330

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 213366, 0, 1, 2023-08-28 14:03:24 |

**Learning Outcome**
Recognize and analyze the most important genres in Azerbaijani literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 213367, 0, 2, 2023-08-28 14:03:26 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the Azerbaijani culture.

| Title | Tags |
| --- | --- |
| Context | 213368, 0, 3, 2023-08-28 14:03:27 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 213369, 0, 4, 2023-08-28 14:03:29 |

**Learning Outcome**
Improve Azerbaijani reading, writing, and speaking skills.

| Title | Tags |
| --- | --- |
| General Education Letters | 213370, 0, 5, 2023-08-28 14:03:30 |

**Learning Outcome**
General Education: Fulfill the purposes of the GE Letters requirements

**Lecture Hours**

**Fixed**
3

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 213371, 0, 1, 2023-08-28 14:03:31 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 213372, 0, 2, 2023-08-28 14:03:32 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 213373, 0, 3, 2023-08-28 14:03:34 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 213374, 0, 4, 2023-08-28 14:03:35 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 213375, 0, 5, 2023-08-28 14:03:36 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## BASQ 100 - Language Study: Basque

### Course Information

**Teaching Area (new)**
BASQ

**Course Number**
100

**Teaching Area**
BASQ

**Course Title**
Language Study: Basque

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Basque.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
196324, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title**
Social Situations

**Tags**
196325, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

**Title**
Follow Instructions

**Tags**
196326, 3

**Learning Outcome**

## BASQ 101 - First-Year Language Study: Basque

### Course Information

**Teaching Area (new)**
BASQ

**Course Number**
101

**Teaching Area**
BASQ

**Course Title**
First-Year Language Study: Basque

**Course Description**
Beginning speaking, listening, reading, and writing skills in Basque.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
196327, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196328, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**

**Tags**

Understand spoken and written target language well enough to follow simple instructions.

| Writing | 196329, 3 |
|---|---|

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 196330, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## BASQ 102 - First-Year Language Study: Basque

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BASQ | 102 |

**Teaching Area**
BASQ
**Course Title**
First-Year Language Study: Basque
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Basque.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**

## BASQ 201 - Second-Year Language Study: Basque

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BASQ | 201 |

**Teaching Area**
BASQ
**Course Title**
Second-Year Language Study: Basque
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Basque.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BASQ 101 - First-Year Language Study: Basque

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Speaking | 196331, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 196332, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 196333, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
|---|---|
| Comprehension | 196334, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

Prerequisites

**Complete ALL of the following Courses:**

- BASQ 102 - First-Year Language Study: Basque

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196335, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196336, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196339, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196341, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## BASQ 202 - Second-Year Language Study: Basque

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BASQ | 202 |

**Teaching Area**
BASQ
**Course Title**

## BASQ 305 - Language Skills Development: Basque

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BASQ | 305 |

**Teaching Area**
BASQ
**Course Title**

Second-Year Language Study: Basque

**Course Description**
Continued emphasis on Basque communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BASQ 201 - Second-Year Language Study: Basque

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

| Title | Tags |
|---|---|
| Communication Skills | 196343, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196345, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions

Language Skills Development: Basque

**Course Description**
Increasing proficiency in one or more of the following Basque language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196354, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196357, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196360, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

and verbal instructions.
Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196348, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196349, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## BASQ 321 - Advanced Grammar: Basque

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BASQ | 321 |

**Teaching Area**
BASQ
**Course Title**
Advanced Grammar: Basque
**Course Description**
Systematic review of grammar and syntax of Basque.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## BASQ 330 - Advanced Language Proficiency Through Cultural Studies: Basque

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BASQ | 330 |

**Teaching Area**
BASQ
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Basque
**Course Description**
Study of Basque culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BASQ 202 - Second-Year Language Study: Basque

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196363, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196366, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196368, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Basq 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196371, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196372, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196375, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|

| Title | Tags |
| --- | --- |
| General Education Requirements | 196377, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## BASQ 340 - Introduction to Literature: Basque

### Course Information

**Teaching Area (new)**
BASQ
**Course Number**
340
**Teaching Area**
BASQ
**Course Title**
Introduction to Literature: Basque
**Course Description**
Advanced study of literature of Basque literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- BASQ 330 - Advanced Language Proficiency Through Cultural Studies: Basque

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience

## BASQ 350 - Advanced Language Study for Career Purposes: Basque

### Course Information

**Teaching Area (new)**
BASQ
**Course Number**
350
**Teaching Area**
BASQ
**Course Title**
Advanced Language Study for Career Purposes: Basque
**Course Description**
Concentration on Basque language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- BASQ 330 - Advanced Language Proficiency Through Cultural Studies: Basque

**Additional Comments:**

| Title | Tags |
| --- | --- |

Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 196381, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 196383, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 196385, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 196387, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 196390, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196393, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196396, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196398, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196399, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## BCLNO 100 - Language Study: Bicolano

### Course Information

## BCLNO 101 - First-Year Language Study: Bicolano

Course Information

Teaching Area (new)
BCLNO

Course Number
100

Teaching Area
BCLNO

Course Title
Language Study: Bicolano

Course Description
Survival-level conversation, reading, listening, and culture skills in Bicolano.

Department
Language Studies

When Taught
Contact Department

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Title
Speaking

Tags
196400, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196401, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196402, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

## Course Information

Teaching Area (new)
BCLNO

Course Number
101

Teaching Area
BCLNO

Course Title
First-Year Language Study: Bicolano

Course Description
Beginning speaking, listening, reading, and writing skills in Bicolano.

Department
Language Studies

When Taught
Contact Department

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

Title
Comprehension

Tags
196403, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196404, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196405, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-

accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196406, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## BCLNO 102 - First-Year Language Study: Bicolano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BCLNO | 102 |

**Teaching Area**
BCLNO
**Course Title**
First-Year Language Study: Bicolano
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Bicolano.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BCLNO 101 - First-Year Language Study: Bicolano

## BCLNO 201 - Second-Year Language Study: Bicolano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BCLNO | 201 |

**Teaching Area**
BCLNO
**Course Title**
Second-Year Language Study: Bicolano
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Bicolano.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BCLNO 102 - First-Year Language Study: Bicolano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 196407, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196408, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 196409, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 196410, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196411, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196412, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196413, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196414, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## BCLNO 202 - Second-Year Language Study: Bicolano

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BCLNO | 202 |

**Teaching Area**
BCLNO
**Course Title**
Second-Year Language Study: Bicolano
**Course Description**
Continued emphasis on Bicolano communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies

## BCLNO 305 - Language Skills Development: Bicolano

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BCLNO | 305 |

**Teaching Area**
BCLNO
**Course Title**
Language Skills Development: Bicolano
**Course Description**
Increasing proficiency in one or more of the following Bicolano language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**

Language Studies
**When Taught**
Contact Department

## Credit Hours

**Min**
4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BCLNO 201 - Second-Year Language Study: Bicolano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

| Title | Tags |
|---|---|
| Communication Skills | 196415, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196416, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native

Language Studies
**When Taught**
Contact Department

## Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196419, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196420, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196421, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196417, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196418, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## BCLNO 321 - Advanced Grammar: Bicolano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BCLNO | 321 |

**Teaching Area**
BCLNO
**Course Title**
Advanced Grammar: Bicolano
**Course Description**
Systematic review of grammar and syntax of Bicolano.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## BCLNO 330 - Advanced Language Proficiency Through Cultural Studies: Bicolano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BCLNO | 330 |

**Teaching Area**
BCLNO
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Bicolano
**Course Description**
Study of Bicolano culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BCLNO 202 - Second-Year Language Study: Bicolano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196422, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196423, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196424, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Bclno 202 of equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196428, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196429, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196431, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196434, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness

and Global & Cultural Awareness
for General Education.

## BCLNO 340 - Introduction to Literature: Bicolano

### Course Information

**Teaching Area (new)**
BCLNO

**Course Number**
340

**Teaching Area**
BCLNO

**Course Title**
Introduction to Literature: Bicolano

**Course Description**
Advanced study of Bicolano literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BCLNO 330 - Advanced Language Proficiency Through Cultural Studies: Bicolano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 196437, 1 |

**Learning Outcome**

## BCLNO 350 - Advanced Language Study for Career Purposes: Bicolano

### Course Information

**Teaching Area (new)**
BCLNO

**Course Number**
350

**Teaching Area**
BCLNO

**Course Title**
Advanced Language Study for Career Purposes: Bicolano

**Course Description**
Concentration on Bicolano language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BCLNO 330 - Advanced Language Proficiency Through Cultural Studies: Bicolano

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 196444, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to

Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 196440, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 196442, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 196443, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196445, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196446, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196447, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196449, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## BIO 100 - Principles of Biology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 100 |

**Teaching Area**
BIO

## BIO 120 - Field Biology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 120 |

**Teaching Area**
BIO

**Course Title**
Principles of Biology
**Course Description**
Introductory course for general education students.
**Department**
Biology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required.

| Title | Tags |
| --- | --- |
| Biology Literacy | 201313, 1 |

**Learning Outcome**
Students will acquire basic literacy in the language of science and biology as evidenced by their ability to: Explain the foundational assumptions underlying science and evaluate the strengths and limitations of science as a human endeavor. Describe basic principles and concepts of biology using appropriate vocabulary. Describe data represented textually, numerically, and graphically, and infer a conclusion from the data. Plan and perform a simple experiment, actual or simulated; draw conclusions, and; communicate the results.

| Title | Tags |
| --- | --- |
| Scientific Reasoning | 201314, 2 |

**Learning Outcome**
Students will exercise sound scientific reasoning as evidenced

**Course Title**
Field Biology
**Course Description**
Field Biology is an introduction to the methods of outdoor field research and curation of natural history specimens. Students will learn basic methods of fieldwork. Topics include an introduction to common plant and animal species and communities of Utah, documentation of field notes, and specimen collection and curation. Instruction will be primarily through extended field trips.
**Department**
Biology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

scientific reasoning as evidenced by their ability to: Evaluate scientific evidence and claims at the level of a well-informed layperson in order to make rational decisions on public-policy science issues. Develop intellectual abilities and character traits of sound judgment and effective communication.

| Title | Tags |
| --- | --- |
| Personal Responsibility | 201315, 3 |

**Learning Outcome**
Students will accept responsibility for personal and public stewardship as evidenced by their ability to: Integrate sound scientific reasoning with reasoning and methods from other disciplines to address real-world biology-related issues and concerns. Reflect on how literacy in biology and sound scientific reasoning combine with reasoning and methods from other disciplines to increase their ability to act responsibly as stewards and citizens in their own families, communities and the world.

## BIO 130 - Biology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 130 |

**Teaching Area**
BIO
**Course Title**
Biology
**Course Description**
General biology course with laboratory for biology majors. Introduction to disciplines in the life sciences including methods for scientific inquiry, biochemical dynamics, cell structure and function, evolutionary theory, bioenergetics, and ecological interactions.
**Department**
Biology
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
4

**Fixed**
4

## BIO 165 - Introduction to Bioinformatics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 165 |

**Teaching Area**
BIO
**Course Title**
Introduction to Bioinformatics
**Course Description**
Introduction to basic concepts in bioinformatics. Standard bioinformatic applications.
**Department**
Biology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Note**
For Permission to Add codes please email biosecretary@byu.edu Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

| Title | Tags |
| --- | --- |
| Scientific Process Skills | 200973, 2 |

**Learning Outcome**
Students will demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process.

| Title | Tags |
| --- | --- |
| Scientific Discovery | 200974, 3 |

**Learning Outcome**
Students will appreciate the excitement of discovery that has accompanied important scientific developments.

| Title | Tags |
| --- | --- |
| Scientific Applicability | 200975, 4 |

**Learning Outcome**
Students will demonstrate how scientific methodology can be used to analyze real-world science-related problems.

| Title | Tags |
| --- | --- |
| Data Evaluation | 200976, 5 |

**Learning Outcome**
Students will be able to evaluate scientific data and claims in order to make rational decisions on public-policy science issues that affect their community.

| Title | Tags |
| --- | --- |
| Scientific Expression | 200977, 6 |

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
BIO 100 or BIO 130 or CELL 120 or MMBIO 121 or concurrent enrollment

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Outcome 1: Execute Basic Linux Commands | 201379, 0, 1 |

**Learning Outcome**
Students will be able to navigate the Linux operating system using a command line terminal and manipulate data files using basic commands.

| Title | Tags |
| --- | --- |
| Outcome 2: Manipulate Biological Data Via Computer Programming | 201378, 0, 2 |

**Learning Outcome**
Students will be able to create computer scripts in the Python programming language to manipulate biological data stored in diverse file formats.

| Title | Tags |
| --- | --- |
| Outcome 3: Survey of the Field of Bioinformatics | 210564, 0, 3 |

**Learning Outcome**
Students will be able to explain how bioinformatics facilitates discovery in a variety of research areas and identify career options that are available to people with bioinformatics skills.

Learning Outcome
Students will be able to express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data.

| Title | Tags |
| --- | --- |
| Science and Religion | 200978, 7 |

Learning Outcome
Students will be able to reflect rationally upon the interface between science and religion.

| Title | Tags |
| --- | --- |
| Scientific Reasoning | 200979, 8 |

Learning Outcome
Students will demonstrate sound scientific reasoning ability.

| Title | Tags |
| --- | --- |
| Scientific Literacy | 201386, 1 |

Learning Outcome
Students will demonstrate basic literacy in the language of science and an understanding of the foundational theories of biology (i.e., be able to formulate appropriate hypotheses and predictions to test specific biological phenomena and use appropriate vocabulary to do so)
- o Atomic Molecular Theory
- o Cell Theory
- o Theories of Photosynthesis, Fermentation, and Cellular Respiration
- o Cell Division and Meiotic Theories
- o Chromosomal and Mendelian Theories of Inheritance
- o Watson and Crick's Theory of DNA Structure and Replication
- o Protein Synthesis Theory
- o Darwin's Theory of Natural Selection
- o Hardy-Weinberg Theory
- o Ecosystem Theory
- o Population Growth Theory
- o Competitive Exclusion and Behavioral Theory

## BIO 194 - Introduction to Mentored Research

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
194

**Teaching Area**
BIO

**Course Title**
Introduction to Mentored Research

**Course Description**
Introduction to mentored research experiences under faculty supervision.

**Department**
Biology

**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

## BIO 220 - Biological Diversity: Animals

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
220

**Teaching Area**
BIO

**Course Title**
Biological Diversity: Animals

**Course Description**
Comparative organization and evolutionary significance of morphological, physiological, reproductive, and ecological differences in invertebrates and vertebrates. Laboratory included.

**Department**
Biology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CELL 120 - Science of Biology

Prerequisites

**Complete ALL of the following Courses:**
- BIO 130 - Biology

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 121 - General Biology: Health and Disease

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Clade Animalia Evolution | 201007, 1 |

**Learning Outcome**
Students will be able to discuss the broad patterns of the evolution of the clade Animalia, emphasizing the relationships among major sub-clades (phyla), the unique biological attributes that define these clades, and the novel changes in morphology over major transitions (unicellular to multicellular; acoelomate to pseudocoelomate to coelomate body plans, bilaterial vs radial symmetry, origins of exoskeletons, gill slits, notochord, crania & vertebral columns, etc.).

| Title | Tags |
| --- | --- |
| Phylogenetic Systematics | 201008, 2 |

**Learning Outcome**
Students will develop the skills necessary to understand the terminology of phylogenetic systematics and methods used to recover the "tree of life", the logic behind the hierarchy (i.e., the only possible outcome of the process of "descent with modification"), and critically apply evolutionary reasoning, including the use of phylogeny and tree-thinking, to formulate and test hypotheses that explain biological diversity.

| Title | Tags |
| --- | --- |
| Intellectual Tools | 201009, 3 |

**Learning Outcome**
Students will have the intellectual tools to continue to explore related topics with confidence and understanding throughout their lives, and a deeper appreciation for the diversity of life on earth.

## BIO 230 - Biological Diversity: Plants

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 230 |

**Teaching Area**

## BIO 235 - Field Botany

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 235 |

**Teaching Area**

BIO
**Course Title**
Biological Diversity: Plants
**Course Description**
Comparative organization and evolutionary significance of morphological, physiological, reproductive, and ecological differences in fungi, algae, and principal groups of land plants. Laboratory included.
**Department**
Biology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CELL 120 - Science of Biology

Prerequisites

**Complete ALL of the following Courses:**
- BIO 130 - Biology

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 121 - General Biology: Health and Disease

**Additional Comments:**

| Title | Tags |
|---|---|
| Discuss Connections | 208243, 0, 1 |

**Learning Outcome**
Students will be able to discuss similarities, differences, and

BIO
**Course Title**
Field Botany
**Course Description**
Recognition, characteristics, and uses of common trees and shrubs.
**Department**
Biology
**When Taught**
Spring Term

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Knowledge of Plant Biology | 201013, 0, 1 |

**Learning Outcome**
Demonstrate a mastery of plant morphology and associated terminology by successfully using a taxonomic key to identify native and cultivated trees and shrubs.

| Title | Tags |
|---|---|
| Taxonomic Identification | 201014, 0, 2 |

**Learning Outcome**
Use the most recent scientific and common names to correctly identify approximately 200 different plant species using distinguishing characteristics both in the field and with collected specimens.

| Title | Tags |
|---|---|
| Build a Natural History Collection | 201015, 0, 3 |

**Learning Outcome**
Build and document a botanical natural history collection by collecting and preparing a scientifically useful plant

evolutionary connections between cyanobacteria, algae, bryophytes, non-seed vascular plants, gymnosperms, flowering plants, and fungi with respect to their lifecycles, characteristic morphologies, and biological roles

specimen with the necessary label information.

| Title | Tags |
| --- | --- |
| Evolutionary Logic | 208244, 0, 2 |

**Learning Outcome**
Students will develop the skills necessary to understand and critically apply evolutionary logic, including the use of phylogeny and tree-thinking to formulate and test hypotheses that explain biological diversity.

| Title | Tags |
| --- | --- |
| Explore Related Topics | 208245, 0, 3 |

**Learning Outcome**
Students will be able to continue to explore related topics with confidence and understanding throughout their lives.

## BIO 250 - Evolutionary Medicine

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
250
**Teaching Area**
BIO
**Course Title**
Evolutionary Medicine
**Course Description**
Evolutionary medicine is the field of study of how Darwinian principles can be applied to understand problems in medicine and public health. Students will learn foundational principles of evolution including genetic processes of adaptation and genetic drift, the origin of life, and the hominin fossil record. With this foundational understanding, students will explore modern examples of evolution and human health problems.
**Department**
Biology
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**

## BIO 264 - Statistical Analysis for Biologists

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
264
**Teaching Area**
BIO
**Course Title**
Statistical Analysis for Biologists
**Course Description**
Students will learn concepts and applications of statistics and their specific application to research questions spanning diverse subfields of biology. Students will perform these analyses using the R statistical software.
**Department**
Biology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- BIO 130 - Biology

Prerequisites

**Complete ALL of the following Courses:**
- CELL 120 - Science of Biology

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 121 - General Biology: Health and Disease

**Additional Comments:**

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- BIO 130 - Biology

Prerequisites

**Complete ALL of the following Courses:**
-

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 121 - General Biology: Health and Disease

**Additional Comments:**

**Note**
Preference will be given to students in the Biology, Biodiversity & Conservation, and Bioinformatics majors.

## BIO 276 - Exploration of Teaching in Biological Sciences

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
276
**Teaching Area**
BIO
**Course Title**
Exploration of Teaching in Biological Sciences
**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.
**Department**
Biology
**When Taught**
Fall

### Credit Hours

## BIO 310 - Comparative Animal Physiology

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
310
**Teaching Area**
BIO
**Course Title**
Comparative Animal Physiology
**Course Description**
We will compare different animals' anatomical and physiological solutions to organismal needs (e.g., energy metabolism, sensory processes, reproduction, etc.) considering their different environments and evolutionary pressures.
**Department**
Biology
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BIO 220 - Biological Diversity: Animals
  **AND** BIO 230 - Biological Diversity: Plants
  **AND** CHEM 105 - General College Chemistry 1 with Lab (Integrated)

**Additional Comments:**

**Other Prerequisites**
major GPA of 2.85 or higher, FBI fingerprint and background clearance; previous application required

| Title | Tags |
|---|---|
| Lesson Development | 201216, 1 |

**Learning Outcome**
Design and develop simple lessons containing the essential components; objectives, procedures, and evaluation.

| Title | Tags |
|---|---|
| Effective Teaching and Planning | 201252, 2 |

**Learning Outcome**
Model both effecive teaching and lesson planning by teaching lessons that exhibit your abilities to use inquiry-based lessons and demonstrate both the hierarchy of learning and strategies for teaching students with diverse learning styles.

| Title | Tags |
|---|---|
| Effective Teacher Characteristics | 201271, 1 |

**Learning Outcome**
Identify and demonstrate the characteristics of effective teachers.

**Min**
4

**Fixed**
4

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
3

**Simple Requisites**

**Animal Diversity**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO 220 - Biological Diversity: Animals

**Additional Comments:**

| Title | Learning Outcome |
|---|---|
| Compare and contrast species | Students will be able to compare and contrast the physiology of a wide variety of animal species and make inferences about their evolutionary relatedness. |

| Title | Learning Outcome |
|---|---|
| Relate structure to function | Students will be able to relate the structure of tissues, organs, and organ systems to their functions. |

| Title | Learning Outcome |
|---|---|
| Apply foundational principles | Students will be able to apply foundational principles of cellular biology and biochemistry from introductory biology to new contexts in animal physiology and identify emergent properties that arise from physiological systems. |

| Title | Learning Outcome |
|---|---|
| Propose hypotheses | Students will be able to popose hypotheses to explain physiological phenomena and draw conclusions from primary data. |

| Title | Learning Outcome |
| --- | --- |
| Predict changes | Students will be able to predict both short-term and long-term changes in animal physiology due to changing environments. |

## BIO 316 - Advanced Scientific Writing and Communication

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
316

**Teaching Area**
BIO

**Course Title**
Advanced Scientific Writing and Communication

**Course Description**
The effective process of written, oral, and visual scientific communication and development of communication skills for scientific and professional audiences. Employment of appropriate research tools and processes in identifying and evaluating sources, and following professional conventions in written and oral communication.

**Department**
Biology

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- WRTG 150 - Writing and Rhetoric

**Additional Comments:**

## BIO 350 - Ecology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
350

**Teaching Area**
BIO

**Course Title**
Ecology

**Course Description**
Distribution and abundance of organisms and their interactions with the physical and biotic components of the earth.

**Department**
Biology

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CELL 120 - Science of Biology

Prerequisites

**Complete ALL of the following Courses:**
- BIO 130 - Biology

**Note**
This course is designed for students in Biology majors who have participated in mentored research and have data that can be written about. Some students collected the data previously; other students are provided the data by their mentors. If given data by a mentor, a student could be concurrently enrolled in mentored research or they could have just started working in a lab. Data could also be from a past internship. The pre-requisite is having access to data (with some results) and a scientific mentor.

Prerequisites

**Complete ALL of the following Courses:**

- MMBIO 121 - General Biology: Health and Disease

**Additional Comments:**

| Title | Tags |
|---|---|
| Environmental Stewardship | 201021, 4 |

**Learning Outcome**

Foster and promote environmental stewardship within your realm of influence and your community.

| Title | Tags |
|---|---|
| Organizational Processes | 201019, 0, 2 |

**Learning Outcome**

Predict impacts on organization of the biotic world due to changes in energetics in the ecosystem, population dynamics, and species interactions.

| Title | Tags |
|---|---|
| Writing | 201020, 0, 3 |

**Learning Outcome**

Use writing as a way of synthesizing and solidifying critical thought.

| Title | Tags |
|---|---|
| Human Well-Being | 201022, 0, 5 |

**Learning Outcome**

Draw connections between ecology and issues regarding human well-being

| Title | Tags |
|---|---|
| Physical Processes | 201018, 0, 1 |

**Learning Outcome**

Use an understanding of the major physical processes that form and characterize the biosphere, including global scale energy flow, the carbon cycle, climate, and soil formation, to solve ecological problems.

| Title | Tags |
| --- | --- |
| Ecology Connectivity | 201023, 0, 6 |

**Learning Outcome**

Connect ecology to other fields of study

| Title | Tags |
| --- | --- |
| Conservation | 209894, 0, 7 |

**Learning Outcome**

Communicate the reality of consequences of human activities, including climate change and the Holocene mass extinction.

## BIO 362 - Computational Cancer Biology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
362

**Teaching Area**
BIO

**Course Title**
Computational Cancer Biology

**Course Description**
Examine the altered cellular phenotypes of cancer through a computational exploration of molecular and clinical data, comparing and contrasting different cancer types.

**Department**
Biology

**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

## BIO 364 - Bioinformatics Algorithms

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
364

**Teaching Area**
BIO

**Course Title**
Bioinformatics Algorithms

**Course Description**
In this course, students learn theory and concepts of bioinformatics algorithms that are used in the field. They gain experience implementing these algorithms and applying them. These algorithms are used in diverse biological disciplines, including genome assembly, phylogenetics, multiple sequence alignment, next-generation sequencing read mapping, gene-expression analysis, and mass-spectrometry analysis.

**Department**
Biology

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BIO 130 - Biology
  **AND** BIO 264 - Statistical Analysis for Biologists

**Additional Comments:**

**Note**
If students have taken other course(s) that involved computer programming and statistics but have not completed BIO 264, they should contact the instructor to evaluate whether they are prepared to take the course.

| Title | Tags |
|---|---|
| Evaluate phenotypic impact | 213157, 0, 1, 2023-08-15 10:43:03 |

**Learning Outcome**
Students will be able to evaluate phenotypic impact of genetic mutations in cancer.

| Title | Tags |
|---|---|
| Compare and contrast multi-omics data | 213158, 0, 2, 2023-08-15 10:43:03 |

**Learning Outcome**
Students will be able to compare and contrast the value and appropriate uses for multi-omics data.

| Title | Tags |
|---|---|
| Self-directed learning | 213159, 0, 3, 2023-08-15 10:43:03 |

**Learning Outcome**
Students will be able to discuss, analyze and evaluate original scientific research on cancer. From these resources they will be able to generate their own hypotheses and questions, gather data, and evaluate their hypotheses.

| Title | Tags |
|---|---|
| FAIR research practices | 213160, 0, 4, 2023-08-15 10:43:03 |

**Learning Outcome**
Students will be able to plan and conduct reproducible and transparent research.

## BIO 368 - (Bio-MMBio-PWS) Genomics

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction
  **AND** MMBIO 240 - Molecular Biology

**Additional Comments:**

## BIO 370 - Bioethics

## Course Information

**Teaching Area (new)**
BIO

**Course Number**
368

**Teaching Area**
BIO

**Course Title**
(Bio-MMBio-PWS) Genomics

**Course Description**
Current analysis of genes and genomes; computational approaches for interpreting genomic data, including genome sequencing and annotation, gene expression and the transcriptome, functional genomics, metagenomics, and genetic variation and SNPs.

**Department**
Biology

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 240 - Molecular Biology
  **AND** PWS 340 - Genetics

**Additional Comments:**

**Title**
Identify genomic techniques

**Tags**
213376, 0, 1, 2023-08-28 14:04:20

**Learning Outcome**
Students will be able to identify the appropriate technique for a genetic analysis by understanding the following about various techniques: how they work, what they are used for, and what their respective advantages and disadvantages are.

## Course Information

**Teaching Area (new)**
BIO

**Course Number**
370

**Teaching Area**
BIO

**Course Title**
Bioethics

**Course Description**
In-depth lecture and small group discussion of varied bioethical issues. LDS Church positions emphasized when appropriate.

**Department**
Biology

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Introductory biology course

**Title**
Philosophical Underpinnings of Bioethics and Bioethical Issues

**Tags**
200980, 1

**Learning Outcome**
Students will understand the ethical and philosophical underpinnings of bioethics and to develop ethical intuitions on bioethical issues.

**Title**
Terminology, Vocabulary, and Objectives

**Tags**
200981, 2

**Learning Outcome**
Students will learn the terminology, vocabulary, and objectives of bioethics.

**Title**
Bioethical Decisions

**Tags**
200982, 3

| Title | Tags |
| --- | --- |
| Genome Sequences | 213377, 0, 2, 2023-08-28 14:04:23 |

**Learning Outcome**
Students will be able to describe how genomes are sequenced

| Title | Tags |
| --- | --- |
| Evaluate emerging technologies | 213378, 0, 3, 2023-08-28 14:04:25 |

**Learning Outcome**
Students will be able to interpret, assess, and critically evaluate the quality and veracity of new results and techniques in genomics by learning and critically applying their understanding of the biological principles on which current techniques are based.

| Title | Tags |
| --- | --- |
| Communicate effectively | 213379, 0, 4, 2023-08-28 14:04:26 |

**Learning Outcome**
Students will be able to communicate technical science to an expert or lay audience by understanding the concepts underlying genomics tools and summarizing these tools orally and in writing, in both technical and non-technical terms.

**Learning Outcome**
Students will understand the tools and approaches needed to make a bioethical decision and to communicate that decision in rationally informed way

| Title | Tags |
| --- | --- |
| Bioethical Primary Literature | 200983, 4 |

**Learning Outcome**
Students will understand the bioethical primary literature, to understand how to read case studies, and familiarity with the major issues being discussed in bioethics today.

## BIO 375 - Plant Development and Morphology

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
375
**Teaching Area**
BIO
**Course Title**
Plant Development and Morphology
**Course Description**
Principles of development and morphology as applied to flowering plants from the seed to flowering
**Department**
Biology
**When Taught**
Fall Odd Yrs..

### Credit Hours

**Min**
3

**Fixed**

## BIO 377 - Teaching Methods and Instruction in Biology

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
377
**Teaching Area**
BIO
**Course Title**
Teaching Methods and Instruction in Biology
**Course Description**
Developing meaningful and engaging instruction for secondary students in biological sciences; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.
**Department**
Biology
**When Taught**
Fall

### Credit Hours

**Min**
3

3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

No selection provided

**Additional Comments:**

**Recommended**
Bio 230

| Title | Tags |
| --- | --- |
| Basic Understanding of Plant Morphology | 201294, 1 |

**Learning Outcome**
Students will be able to analyze and describe modifications associated with plant adaptations and identify homologies underlying convergent organs using the principles of plant morphology.

| Title | Tags |
| --- | --- |
| Evaluate Primary Literature | 201295, 2 |

**Learning Outcome**
Students will be able to read and critically evaluate the conclusions from primary scientific literature on plant development and morphology.

| Title | Tags |
| --- | --- |
| Morphological changes over time | 201296, 3 |

**Learning Outcome**
Students will be able to apply morphological principles by documenting morphological change over the entire life cycle of an annual plant.

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BIO 276 - Exploration of Teaching in Biological Sciences

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Bio 378, 379, Sc Ed 380; major GPA of 2.85 or higher.

| Title | Tags |
| --- | --- |
| Learning Theories | 201217, 1 |

**Learning Outcome**
Students will demonstrate an understanding of key learning theories by explaining how students learn.

| Title | Tags |
| --- | --- |
| Lesson Development | 201237, 3 |

**Learning Outcome**
Students will develop effective unit and lesson plans to promote science learning.

| Title | Tags |
| --- | --- |
| Pedagogical Practices | 201243, 1 |

**Learning Outcome**
Students will demonstrate proper pedagogical practices in a biological teaching setting.

| Title | Learning Outcome |
| --- | --- |
| Appreciating plant diversity | Students will gain an appreciation for the diversity of plant form and function and their contribution to both human flourishing and natural ecosystems. |

## BIO 378 - Practicum in Biology Teaching

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
378

**Teaching Area**
BIO

**Course Title**
Practicum in Biology Teaching

**Course Description**
Implementing meaningful and engaging instruction for secondary students in biology; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

**Department**
Biology

**When Taught**
Fall

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Concurrent enrollment in Bio 377, 379, Sc Ed 380.

| Title | Tags | Learning Outcome |
| --- | --- | --- |
| Best Teaching Practices | 201210, 1 | Students will be able to identify best practices in teaching. |

| Title | Tags |
| --- | --- |

## BIO 379 - Classroom Management and Laboratory Safety

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
379

**Teaching Area**
BIO

**Course Title**
Classroom Management and Laboratory Safety

**Course Description**
Current theory, research, and application in classroom management; creating positive teacher-student and peer relationships; developing optimal learning environments.

**Department**
Biology

**When Taught**
Fall

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Bio 377, 378, Sc Ed 380

| Title | Tags | Learning Outcome |
| --- | --- | --- |
| Optimal Learning Environment | 201244, 1 | Students will integrate current theory, research, and application in classroom management to create an optimal learning environment |

| | |
|---|---|
| Mentoring Involvement | 201225, 1 |

**Learning Outcome**
Students will show active involvement with mentor teacher in creating and teaching lessons, grading papers, or any other classroom work.

| Title | Tags |
|---|---|
| Teaching Practices | 201233, 2 |

**Learning Outcome**
Students will be able to identify practices that they can incorporate into their own teaching.

environment.

| Title | Tags |
|---|---|
| Laboratory Safety | 201253, 2 |

**Learning Outcome**
Students will demonstrate an understanding of proper laboratory safety protocols.

| Title | Tags |
|---|---|
| Classroom Management | 201269, 1 |

**Learning Outcome**
Students will demonstrate appropriate and effective classroom management strategies.

## BIO 392R - Preveterinary Preceptorship

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
392R
**Teaching Area**
BIO
**Course Title**
Preveterinary Preceptorship
**Course Description**
Supervised on-the-job exposure to veterinary medicine under a clinical setting, supplemented with academic assignments.
**Department**
Biology
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
5

| Title | Tags |
|---|---|

## BIO 399R - Academic Internship

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
399R
**Teaching Area**
BIO
**Course Title**
Academic Internship
**Course Description**
This course provides credit for students engaged in internship opportunities within the university or with research or industry groups outside of the university. Students will gain practical skills through mentored experiences in authentic environments.
**Department**
Biology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5
**Fixed**
6

**Other Prerequisites**
Mentor's consent or verified external internship
**Note**
An APPROVED Internship Application is required before adding.

| Preceptorship Skill Mastery | 201073, 1 |
|---|---|

**Learning Outcome**
Skills student should master during the preveterinary medicine preceptorship experience:Husbandry: feeding, sanitation, handling, breed recognitionRestraint of animals for examination, treatment and radiographyLogging medical data and recording information in patient chartsGrooming for medical reasonsObserve and recognize normal and abnormal body functions and vital signsConcepts of animal welfare and humane treatment of animalsIntroduce methods and explain necessity of animal population controlObtain knowledge of and competency with routine preventive medicine including vaccination protocols, parasite identification-treatment-prevention, routine physical examination, geriatric health care

| Title | Tags |
|---|---|
| Activity Observation and Participation | 201074, 2 |

**Learning Outcome**
The student should observe and participate in these activities:Client-doctor relations and dialogue; demonstration of veterinary ethics and integrity; diagnostic thought process and rationalePatent examination; administration of medication and therapy; collection of body fluids and specimensMedical record information entryClinical diagnostic laboratory techniquesDeveloping and interpreting radiographsSurgical suite protocols:preparation of instrument packs, drapes, surgical gownsaseptic techniqueanesthesia administration and monitoringsurgical preparation of patientsurgery protocols and surgical assistanceintensive and post-operative nursing careEuthanasia

| Title | Tags |
|---|---|
| Hospital Areas | 201075, 3 |

**Learning Outcome**

Areas of hospital student should receive exposure to:Kennel and quarantine wardsTreatment areasSurgery and examination roomsOffice proceduresTelephone etiquetteLaboratory and pharmacyLibrary search and literature review of clinical case information and current treatments based on veterinary research

## BIO 420 - Evolutionary Biology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
420

**Teaching Area**
BIO

**Course Title**
Evolutionary Biology

**Course Description**
Intensive examination of evolution as the conceptual cornerstone of biology.

**Department**
Biology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PWS 340 - Genetics

## BIO 430 - Plant Classification and Identification

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
430

**Teaching Area**
BIO

**Course Title**
Plant Classification and Identification

**Course Description**
Principles of plant systematics, taxonomy, and classification, emphasizing family recognition by sight, terminology, and use of identification keys to the temperate flora.

**Department**
Biology

**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

**Additional Comments:**

**Other Prerequisites**
BIO 350

**Recommended**
BIO 220 or BIO 230 and BIO 350

| Title | Tags |
|---|---|
| History and Development | 200984, 1 |

**Learning Outcome**
Students will be able to describe the history and development of evolutionary thought.

| Title | Tags |
|---|---|
| Evidence for Evolution | 200985, 2 |

**Learning Outcome**
Students will be able to list and describe the evidence for evolution and its required corollaries.

| Title | Tags |
|---|---|
| Processes of Evolution | 200986, 3 |

**Learning Outcome**
Students will be able to describe the mechanisms by which evolution occurs. Provide detailed explanations of the the processes of evolution by mutation, migration, genetic drift, non-random mating, and natural selection.

| Title | Tags |
|---|---|
| Adaptation | 200987, 4 |

**Learning Outcome**
Students will be able to explain adaptation, providing examples from several different fields of biology (e.g., cell biology, physiology, conservation biology, bioinformatics, medicine, behavior, etc.).

| Title | Tags |
|---|---|
| Life on Earth | 200988, 5 |

**Learning Outcome**
Students will be able to describe the history of life on earth. Identify major evolutionary transitions over time, and explain the tools and evidence that support current hypotheses of the history of life.

**Complete ALL of the following Courses:**

- BIO 230 - Biological Diversity: Plants

**Additional Comments:**

**Other Prerequisites**
or instructor's consent

| Title | Tags |
|---|---|
| Sight Identification | 208249, 0, 1 |

**Learning Outcome**
Students will identify by sight 43 families of flower plants, five families of gymnosperms, and several families of fern allies by recognizing differentiating features for each family.

| Title | Tags |
|---|---|
| Vocabulary | 208246, 0, 2 |

**Learning Outcome**
Students will apply correct vocabulary for describing plant parts and be able to deduce the meaning of new terms based on knowledge of common roots, prefixes, and suffixes.

| Title | Tags |
|---|---|
| Key Use | 210880, 0, 3 |

**Learning Outcome**
Students will use keys and manuals to correctly identify unknown plants to species, demonstrating understanding of the primary features essential for identification within major plant groups, and how keys work.

| Title | Tags |
|---|---|
| Modern Systematics | 208248, 0, 5 |

**Learning Outcome**
Students will articulate the significance of monophyly in the creation of modern classification systems.

| Title | Tags |
|---|---|
| Taxonomic Tools | 210881, 0, 4 |

**Learning Outcome**
Students will demonstrate proficiencey with online databases and herbarium resources to research plant names, authorship, dates of publication, distributions, and

other essential taxonomic information.

| Title | Tags |
| --- | --- |
| Links to Other Biological Fields | 208250, 0, 6 |

**Learning Outcome**
Students will be able to discsss the relevance and linkages between plant systematics and biological fields such as conservation biology, ecology, evolution, and other comparative sciences.

## BIO 441 - Entomology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 441 |

**Teaching Area**
BIO
**Course Title**
Entomology
**Course Description**
External morphology, natural history, evolution, distribution, and phylogeny of insects. Insect collection required.
**Department**
Biology
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Bio 220 or equivalent.

| Title | Tags |
| --- | --- |
| Application of Basic Principles | 201033, 1 |

**Learning Outcome**

## BIO 443 - Ichthyology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 443 |

**Teaching Area**
BIO
**Course Title**
Ichthyology
**Course Description**
Fish systematics, evolution, morphology, distribution, and natural history.
**Department**
Biology
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

Understand basic principles of morphology and systematics and apply these principles to your own knowledge of insects.

| Title | Tags |
| --- | --- |
| Understand Phylogeny | 201034, 2 |

**Learning Outcome**
Judge genetic relationships. Be able to recall current hypotheses of insect phylogeny at the ordinal level and have the tools needed to judge validity of new hypotheses of phylogeny that might be proposed. You will also study carefully the modifications associated with phylogenies that led to insect diversification and success.

| Title | Tags |
| --- | --- |
| Knowledge of Morphology and Anatomy | 201035, 3 |

**Learning Outcome**
Understand details of insect morphology, and be well versed in both internal and external body structures.

| Title | Tags |
| --- | --- |
| Identify by Sight | 201036, 4 |

**Learning Outcome**
Recognize common insect families and be able to quickly identify them on sight.

| Title | Tags |
| --- | --- |
| Wonder, Perspective, and Appreciation | 201037, 5 |

**Learning Outcome**
Gain or regain a sense of wonder for the natural world, especially as it relates to insects and other arthropods. Gain perspectives of the diversity and complexity in the insect world. Enhance your appreciation for the natural world we share with them.

| Title | Tags |
| --- | --- |
| Functional relationships | 201038, 6 |

**Learning Outcome**
Learn life histories and specific

**Complete ALL of the following Courses:**
- BIO 220 - Biological Diversity: Animals

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Respiration | 201041, 1 |

**Learning Outcome**
Students will have a general understanding of fish respiration.

| Title | Tags |
| --- | --- |
| Body Structure | 201042, 2 |

**Learning Outcome**
Students will have a general understanding of fish body structure.

| Title | Tags |
| --- | --- |
| Food Processing | 201043, 3 |

**Learning Outcome**
Students will have a general understanding of fish food processing.

| Title | Tags |
| --- | --- |
| Behavior and Communication | 201044, 4 |

**Learning Outcome**
Students will have a general understanding of fish behavior and communication.

collecting techniques for insects in their own habitats. You will learn how they fit in the natural world.

| Title | Tags |
| --- | --- |
| Identify using keys | 201039, 7 |

**Learning Outcome**
Learn the protocols for detailed identificiations. Many insects will be totally new in appearance to you. You will use identification guides and illustrations to help you decide what the name of an insect is at the Order and Family levels.

| Title | Tags |
| --- | --- |
| Develop personal identification skills | 201040, 8 |

**Learning Outcome**
Use a variety of identification techniques to correctly identify insects and other arthropods. Throughout your life you will be asked by employers, friends, and family to answer the question, "What is this?" This course will give you these exact skills. A correct identification is a beginning step to learning more about a species and its relationships to the natural world and its pragmatic relationship to humans.

## BIO 445 - Herpetology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 445 |

**Teaching Area**
BIO
**Course Title**
Herpetology
**Course Description**
Reptile and amphibian evolution, systematics, morphology, distribution, and natural history. Lab emphasizes taxonomy, classification, and distribution of western U.S. species.
**Department**
Biology
**When Taught**
Fall

### Credit Hours

## BIO 447 - Mammalogy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 447 |

**Teaching Area**
BIO
**Course Title**
Mammalogy
**Course Description**
Mammalian diversity, evolution, distribution, and natural history. Two three-day field trips required.
**Department**
Biology
**When Taught**
Contact Department

### Credit Hours

**Min**

**Min**
4

**Fixed**
4

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BIO 220 - Biological Diversity: Animals

**Additional Comments:**

| Title | Tags |
|---|---|
| Museum Curation | 201045, 0, 1 |

**Learning Outcome**
Develop and maintain a biological museum collection, as well as defend their utility in modern day science.

| Title | Tags |
|---|---|
| Scientific Literature | 201046, 0, 2 |

**Learning Outcome**
Research, synthesize, and present arguments from current scientific literature.

| Title | Tags |
|---|---|
| Specimen Observation | 201047, 0, 3 |

**Learning Outcome**
Use scientific keys and multiple digital tools to identify and record observations of biological specimens in the field.

| Title | Tags |
|---|---|
| Species Identification | 201048, 0, 4 |

**Learning Outcome**
Identify all Utah herps to species

3

**Fixed**
3

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- BIO 220 - Biological Diversity: Animals

Prerequisites

**Complete ALL of the following Courses:**
- PWS 344 - Natural History of Wildlife

**Additional Comments:**

| Title | Tags |
|---|---|
| Utah Mammals | 201062, 1 |

**Learning Outcome**
Be able to recognize the more common species of Utah mammals based on external and skull features

| Title | Tags |
|---|---|
| Identify Mammal Orders | 201063, 2 |

**Learning Outcome**
Be able to recognize and identify most orders of mammals based on features of the skull

| Title | Tags |
|---|---|
| Evolutionary History | 201064, 3 |

**Learning Outcome**
Understand the evolutionary history of mammals and the modern diversity of mammalian orders

Identify all Utah herps to species,
common U.S. herps to Genus,
and herps worldwide to Family.

| Title | Tags |
| --- | --- |
| Species Conservation | 201049, 0, 5 |

**Learning Outcome**
Design conservation solutions for the major issues threatening reptile and amphibian groups at all taxonomic levels.

| Title | Tags |
| --- | --- |
| Original Scientific Literature | 201065, 4 |

**Learning Outcome**
Enhance skills directed toward understanding and interpreting original scientific literature dealing with mammalian biology

## BIO 450 - Capstone in Biodiversity and Conservation

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
450
**Teaching Area**
BIO
**Course Title**
Capstone in Biodiversity and Conservation
**Course Description**
Students will apply principles of biodiversity and conservation to complete a complex project that integrates their disciplinary understanding to address a broad issue in conservation or biodiversity research. This culminating experience will allow students to create a project that will facilitate their transition into a post baccalaureate environment.
**Department**
Biology
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**

## BIO 452 - Marine Biology

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
452
**Teaching Area**
BIO
**Course Title**
Marine Biology
**Course Description**
Principles of physical and biological oceanography, biodiversity, and ecology of numerous ocean habitats.
**Department**
Biology
**When Taught**
Winter Even Years

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- BIO 350 - Ecology

Prerequisites

**Complete ALL of the following Courses:**
- BIO 220 - Biological Diversity: Animals

Prerequisites

Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- BIO 220 - Biological Diversity: Animals **AND** BIO 350 - Ecology

Prerequisites

**Complete ALL of the following Courses:**

- BIO 230 - Biological Diversity: Plants **AND** BIO 350 - Ecology

**Additional Comments:**

**Recommended**

ENGL 316; ENGL 316

| Title | Tags |
|---|---|
| Conservation in Ecological Processes | 200994, 1 |

**Learning Outcome**

Apply an understanding of ecological processes to conservation of populations, species, and ecosystems.

| Title | Tags |
|---|---|
| Environmental Stewardship | 200995, 2 |

**Learning Outcome**

Foster and promote environmental stewardship within your realm of influence and your community.

| Title | Tags |
|---|---|
| Scientific Method and Analytical Thinking | 200996, 3 |

**Learning Outcome**

Demonstrate the ability to apply the scientific method and analytical thinking to ecological and conservation issues.

| Title | Tags |
|---|---|
| Synthesizing Literature for Conservation Biology | 200997, 4 |

**Learning Outcome**

Demonstrate the ability to synthesize literature relevant to a topic in conservation biology

| Title | Tags |
|---|---|

Prerequisites

**Complete ALL of the following Courses:**

- BIO 230 - Biological Diversity: Plants

**Additional Comments:**

| Title | Tags |
|---|---|
| Marine Life Identification | 209783, 0, 2 |

**Learning Outcome**

Students will be able to identify major groups of organisms that live in the oceans by analyzing their biology, ecology and adaptations for life in the oceans.

| Title | Tags |
|---|---|
| Solve Complex Problems | 209782, 0, 1 |

**Learning Outcome**

Students will be able to use a knowledge of the physical, chemical, and biological processes central to life in the oceans to solve complex problems facing marine ecosystems.

| Title | Tags |
|---|---|
| Foster Environmental Stewardship | 209784, 0, 3 |

**Learning Outcome**

Students will be able to foster and promote environmental stewardship through defending the role that humans play in determining the health of the oceans and the life they contain.

| Title | Tags |
|---|---|
| Critical Thinking and Writing | 209785, 0, 4 |

**Learning Outcome**

Students will be able to think and write critically as a way of synthesizing scientific information.

| Title | Tags |
| --- | --- |
| Scientific Term Paper | 200998, 5 |

**Learning Outcome**
Demonstrate the ability to write a scientific term paper

## BIO 455 - Plant Ecology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
455

**Teaching Area**
BIO

**Course Title**
Plant Ecology

**Course Description**
Fundamental principles governing interactions among plants and their environments with respect to their success. Students will be able to apply their knowledge to land management, conservation and agriculture.

**Department**
Biology

**When Taught**
Winter Even Yrs..

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BIO 230 - Biological Diversity: Plants
  **AND** BIO 350 - Ecology

**Additional Comments:**

| Title | Tags |
| --- | --- |
| [illegible] | [illegible] |

## BIO 463 - Genetics of Human Disease

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
463

**Teaching Area**
BIO

**Course Title**
Genetics of Human Disease

**Course Description**
Examining the application of genetics to understanding and treatment of human disease. Functional consequences of mutations; use of model organisms; linkage and association analysis of complex traits; pharmacogenetics; ethical considerations.

**Department**
Biology

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PWS 340 - Genetics

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Genetic Variants | 200999, 1 |

Physiological Ecology of Plants 201371, 1

Learning Outcome
Students will demonstrate mastery of topics including plant water relations, photosynthesis, energy balance, nutrient uptake strategies, cold tolerance, ecotypic differentiation as they relate to important processes including seed germination, competition, allelopathy, herbivory, symbioses, etc.

Title
Population biology of plants
Tags
201372, 2

Learning Outcome
Students will apply principles of self-thinning, reproduction, female investment, intraspecific competition to explain population regulation in plants.

Title
Community ecology
Tags
201373, 3

Learning Outcome
Students will apply principles of symbiotic nutrient uptake strategies, other symbioses, pollination, inter-specific competition, herbivory, succession to describe community assembly and regulation in plant communities.

Title
Global change biology
Tags
201374, 4

Learning Outcome
Students will apply principles of physics and chemistry to explain the underylying theory of climate change. They will also describe the interactions between plant ecology and climate change.

Title
Agricultural ecology
Tags
201375, 5

Learning Outcome
Students will apply principles of nutrient fluxes, carbon cycling, and energy use to illustrate the ecology of food production.

Learning Outcome
Understand and explain the different types of genetic variants, how they can be typed and how they can be used to understand the genetic architecture of human disease.

Title
Linkage Disequilibrium
Tags
201000, 2

Learning Outcome
Understand linkage disequilibrium in the human genome and the role it plays in the search for genetic risk factors for human disease

Title
Basic Statistics and Software
Tags
201001, 3

Learning Outcome
Understand and use basic statistics and software for analyzing the correlation between genetic markers and risk for disease.

Title
Model Organisms and the Genetics of Human Disease
Tags
201002, 4

Learning Outcome
Understand and explain how model organisms contribute to our understanding of the genetics of human disease.

Title
Acquiring and Presenting Information about Genetics of a Human
Tags
201003, 5

Learning Outcome
Demonstrate the ability to obtain, aggregate and present information about the current knowledge of the genetics of a human disease.

## BIO 465 - Capstone in Bioinformatics

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
465

**Teaching Area**
BIO

**Course Title**
Capstone in Bioinformatics

**Course Description**
Students will apply principles of bioinformatics to complete a complex project that integrates their disciplinary understanding to address a broad, integrative computational problem. This culminating experience will allow students to create a project that will facilitate their transition into a post baccalaureate environment.

**Department**
Biology

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BIO 364 - Bioinformatics Algorithms

**Additional Comments:**

| Title | Tags |
|---|---|
| Evaluate research | 201293, 3 |

**Learning Outcome**
Students will demonstrate proficiency in reading, interpreting, and discussing research studies that use bioinformatics techniques.

## BIO 470 - History and Philosophy of Biology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
470

**Teaching Area**
BIO

**Course Title**
History and Philosophy of Biology

**Course Description**
Development of fundamental generalizations of biology; nature of science; applications to major philosophical issues of current science.

**Department**
Biology

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
1.5

#### Lab Hours

**Fixed**
1.5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BIO 350 - Ecology

**Additional Comments:**

| Title | Tags |
|---|---|
| History of Biology | 201066, 1 |

**Learning Outcome**
Students will demonstrate an understanding of the history of biology. This will include an understanding of the major figures and the historical development of modern biology. This will include having read original texts from the periods

| Title | Tags |
| --- | --- |
| Overall purpose | 201358, 1 |

**Learning Outcome**
The overall purpose of this course is to help students develop skills in bioinformatics research techniques, apply these techniques to primary-research questions, and make well-supported scientific conclusions that link basic biology and computational techniques.

| Title | Tags |
| --- | --- |
| Apply bioinformatics tools and techniques | 201359, 2 |

**Learning Outcome**
Students will apply modern computational tools and techniques to biological data sets, consisting of genomic, transcriptomic, and ecological data.

| Title | Tags |
| --- | --- |
| Perform research | 201360, 4 |

**Learning Outcome**
Students will design and execute an original research study using bioinformatics techniques and place the study in context with previous studies described in the primary literature.

| Title | Tags |
| --- | --- |
| Present research | 201361, 5 |

**Learning Outcome**
Students will demonstrate mastery of elementary scientific communication by describing research results and conclusions in written and oral form at a level that would be acceptable for presentation at an academic conference.

covered (Aristotle to Current Biology).

| Title | Tags |
| --- | --- |
| Philosophical Issues | 201067, 2 |

**Learning Outcome**
Students will also have an understanding of principal philosophical issues confronting modern biology, including major research trends in philosophy of biology. The students will also have a grasp of what 'science' is, how it is practiced, and what expectations for knowledge can be justified using science.

| Title | Tags |
| --- | --- |
| Primary Literature | 201068, 3 |

**Learning Outcome**
Students will have the ability to read and write about the primary literature both on the history, and the philosophy, of science. They will have a grasp of the terminology used in philosophy, and how philosophy of biology is currently practiced. Writing will be emphasized.

## BIO 476 - Biology Student Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 476 |

## BIO 494R - Mentored Research

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 494R |

BIO 490

**Teaching Area**
BIO
**Course Title**
Biology Student Teaching
**Course Description**
Field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar (Sc Ed 490R) required.
**Department**
Biology
**When Taught**
Winter

### Credit Hours

**Min**
12

**Fixed**
12

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Completion of all course work or departmental approval; major GPA of 2.85; at least a C in Sc Ed 377.
**Note**
Permission to add the class may be obtained at Education Student Services in 120 MCKB.

| Title | Tags |
|---|---|
| INTASC Principles | 201069, 1 |

**Learning Outcome**
Students will integrate all ten principles of the Interstate New Teacher Assessment and Support Consortium (INTASC) in the design of an instructional unit.

| Title | Tags |
|---|---|
| INTASC Goals | 201070, 2 |

**Learning Outcome**
Students will demonstrate the ten goals and standards of the Interstate New Teacher Assessment and Support consortium.

| Title | Tags |
|---|---|

BIO 494R

**Teaching Area**
BIO
**Course Title**
Mentored Research
**Course Description**
Independent student research under faculty supervision.
**Department**
Biology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

| Title | Tags |
|---|---|
| Scientific Research | 201339, 0, 2 |

**Learning Outcome**
Students will be able to perform scientific research to advance knowledge.

| Title | Tags |
|---|---|
| Translating Research Outcomes to Practice | 201338, 0, 1 |

**Learning Outcome**
Students will be able to translate research objectives into specific research tasks required to meet objectives.

| Title | Tags |
|---|---|
| Science Communication | 210498, 0, 3 |

**Learning Outcome**
Students will be able to communicate science through written or spoken outlets.

| Confidence in Teaching | 201071, 3 |
| --- | --- |

**Learning Outcome**
Students will demonstrate increased competence and confidence in their teaching abilities.

| Title | Tags |
| --- | --- |
| Classroom Management | 201072, 4 |

**Learning Outcome**
Students will demonstrate appropriate classroom management techniques in a public school setting.

## BIO 494R - Electron Microscopy

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Electron Microscopy

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201320, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201321, 2

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 494R - Plant Biology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Plant Biology

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201328, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201329, 2

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 494R - Medicinal Botany

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Medicinal Botany

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201334, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201335, 2

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 494R - Fungal Biology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Fungal Biology

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Ability to Design and Implement Research

**Tags**
201280, 2

**Learning Outcome**
Students will demonstrate an ability to design and implement a research project in a specialized area.

**Title**
Ability to Interpret, Analyze, and Present Results

**Tags**
201281, 3

**Learning Outcome**
Students will effectively interpret, analyze, and present results of experimentation to others.

## BIO 494R - Systematics

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Systematics

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201330, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201331, 2

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 494R - Marine Biology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Marine Biology

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201326, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201327, 2

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 494R - Veterinary Science

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Veterinary Science

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201332, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201333, 2

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 494R - Entomology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Entomology

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201322, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201323, 2

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 494R - Evolution

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Evolution

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201324, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201325, 2

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 494R - Bioinformatics

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Bioinformatics

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201316, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201317, 2

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 494R - Aquatic Biology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Aquatic Biology

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201118, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201119, 4

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 494R - Plant Biochemistry

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Plant Biochemistry

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201336, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201337, 2

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 494R - Ecology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
494R

**Teaching Area**
BIO

**Course Title**
Ecology

**Course Description**
Independent student research under faculty supervision.

**Department**
Biology

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
6

#### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Supervisor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201318, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Appreciation and Understanding of Content

**Tags**
201319, 2

**Learning Outcome**
Students will show an appreciation for and understanding of aquatic biology.

## BIO 496R - Secondary Teaching Internship

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
496R

**Teaching Area**
BIO

**Course Title**
Secondary Teaching Internship

**Course Description**
Culminating experience for students in the Biological Sciences Education major. Student participate in an internship teaching experience in a public school setting within one of the five BYU partnership districts. The internship requires students to complete a full school year of teaching in the assigned public school.

**Department**
Biology

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
12

**Fixed**
12

#### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

**Note**
An APPROVED Internship Application is required before adding.

## BIO 497 - Field Exam and Exit Survey

### Course Information

**Course Number**
497

**Teaching Area**

## BIO 503 - Research Orientation

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
503

**Teaching Area**

BIO
**Course Title**
Field Exam and Exit Survey
**Course Description**
This course will allow students to reflect on the meaningful learning opportunities they have experienced at BYU, how those experiences have shaped their education, and what role experiential learning has played in their intellectual, professional, and spiritual development. This opportunity for broader reflection is a crucial culminating activity as students prepare for graduation. Students will be reminded of the importance of lifelong learning and will take the ETS Biology Major Field Exam. This national exam evaluates the students' learning and retention of major scientific concepts in the fields of molecular biology, cell biology, organismal biology, population biology, and analytical skills.
**Department**
Biology
**When Taught**
Fall, Winter, and Spring

### Credit Hours

**Min**
0

**Fixed**
0

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Note**
Please contact the Biology department administrator for details about completing the biology exam and exit survey.

| Title | Learning Outcome |
|---|---|
| Reflection | Students will reflect on their learning experiences at BYU. |
| Lifelong learning | Students will describe how courses and experiential learning have prepared them for next steps in life. |
| Assessment | Students will be able to pass the ETS Major Field Exam for Biology. |

BIO
**Course Title**
Research Orientation
**Course Description**
Introduction to graduate school and research techniques.
**Department**
Biology
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Literature Databases | 201127, 1 | Create personalized literature databases and use these to correctly cite and format bibliographic information. |
| Effective CV | 201128, 2 | Generate an effective CV that targets their next level of employment. |
| Collaboration | 201129, 3 | Optimize opportunities available to them at scientific meetings to establish collaborative networks with other students, postdocs and faculty. |
| Poster and Presentation | 201130, 4 | |

**Learning Outcome**
Prepare an effective poster and oral presentation.

| Title | Tags |
| --- | --- |
| Grant Proposal | 201131, 5 |

**Learning Outcome**
Prepare and submit a competitive grant proposal.

| Title | Tags |
| --- | --- |
| Publication Preperation | 201132, 6 |

**Learning Outcome**
Prepare publication quality illustrations, figures, charts & graphs and eventually a manuscript for publication.

| Title | Tags |
| --- | --- |
| Media Communcation | 201133, 7 |

**Learning Outcome**
Communicate their ideas effectively and appropriately through electronic media.

| Title | Tags |
| --- | --- |
| Lesson Plans | 201134, 8 |

**Learning Outcome**
Devise an active learning lesson plan for effectively teaching a biological principle.

## BIO 510 - Biological Systematics and Curation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 510 |

**Teaching Area**
BIO
**Course Title**
Biological Systematics and Curation
**Course Description**
Principles, methods, and tools of taxonomy and systematics as applied to species delimitation, specimen-based research, nomenclatural codes, and the curation of biological specimens.
**Department**
Biology
**When Taught**
Fall Even Years

## BIO 511 - Lichenology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 511 |

**Teaching Area**
BIO
**Course Title**
Lichenology
**Course Description**
Classification, morphology, and ecology on lichens. Field trip required.
**Department**
Biology
**When Taught**
Contact Department

### Credit Hours

Min

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Species | 201079, 1 |

Learning Outcome
Students will be able to discuss species as the fundamental unit of biodiversity and the difference between species definitions and criteria used to delimit species.

| Title | Tags |
| --- | --- |
| Classification | 201080, 2 |

Learning Outcome
Students will be able to discuss basic philosophies of classification and the relationship between classification, phylogeny, and nomenclature.

| Title | Tags |
| --- | --- |
| Nomenclatural Codes | 201081, 3 |

Learning Outcome
Students will gain proficiency with nomenclatural codes and their relationship to specimen-based research products such new species descriptions, monographs, floras, and faunas.

| Title | Tags |
| --- | --- |
| Research Tools | 201082, 4 |

Learning Outcome
Students will gain experience with a variety of specimen-based research tools.

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

| Title | Tags |
| --- | --- |
| Working Knowledge | 201089, 2 |

Learning Outcome
Develop a working knowledge of lichen biology.

| Title | Tags |
| --- | --- |
| Air Quality | 201090, 3 |

Learning Outcome
Demonstrate an understanding of the role of lichens as biomonitors of air quality.

| Title | Tags |
| --- | --- |
| Basic Skills | 201091, 4 |

Learning Outcome
Develop basic skills for collecting, processing, and identifying lichens.

| Title | Tags |
| --- | --- |
| Genetic Patterns | 201092, 5 |

Learning Outcome
Develop basic skills with:
- Thin-layer chromatography – lichen secondary chemistry.
- Molecular techniques – to characterize genetic patterns and relationships at the population level.

| Title | Tags |
| --- | --- |
| Publication Preparation | 201093, 6 |

Learning Outcome
Prepare research manuscripts for review and publication

consideration.

| Title | Tags |
| --- | --- |
| Curation | 201083, 5 |

**Learning Outcome**
Students will understand responsibilities of biological collections management and curation.

| Title | Tags |
| --- | --- |
| Research Proposal | 201094, 7 |

**Learning Outcome**
Present a research proposal for a project using lichens as air quality biomonitors.

| Title | Tags |
| --- | --- |
| Research | 201234, 1 |

**Learning Outcome**
Research and characterize the nature of the lichen symbiosis.

## BIO 512 - Angiosperm Phylogeny

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
512
**Teaching Area**
BIO
**Course Title**
Angiosperm Phylogeny
**Course Description**
Description, classification, phylogeny, and geographic distribution of flowering plant families.
**Department**
Biology
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Other Prerequisites**
Bio 430 or equivalent.

| Title | Tags |
| --- | --- |

## BIO 517 - Publishing in Peer-Reviewed Journals

### Course Information

**Teaching Area (new)**
BIO
**Course Number**
517
**Teaching Area**
BIO
**Course Title**
Publishing in Peer-Reviewed Journals
**Course Description**
Each student enrolled in this course will be guided through the processes of writing a scientific manuscript and submitting it for publication in a peer-reviewed journal.
**Department**
Biology
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Simple Requisites**

| Title | Tags |
| --- | --- |
| Relationships Among Plants | 201095, 1 |

**Learning Outcome**
Students will be able to discuss the primary pattern of relationships among flowering plants as supported by contemporary research.

| Title | Tags |
| --- | --- |
| Application | 201096, 2 |

**Learning Outcome**
Students will demonstrate proficiency in tree-thinking and the application of phylogenetic terminology in discussing angiosperm relationships.

| Title | Tags |
| --- | --- |
| Knowledge of Diversity | 201097, 3 |

**Learning Outcome**
Students will demonstrate knowledge of world-wide flowering plant diversity, including examples of model organisms, convergence, and evolutionary novelties.

| Title | Tags |
| --- | --- |
| Research | 201098, 4 |

**Learning Outcome**
Students will be able to discuss contemporary research in flowering plant diversity, including outstanding problems where additional research is needed.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- BIO 494R - Electron Microscopy

Prerequisites

**Complete ALL of the following Courses:**
-

Prerequisites

**Complete ALL of the following Courses:**
-

**Additional Comments:**

## BIO 520 - Symbiosis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 520 |

**Teaching Area**
BIO
**Course Title**
Symbiosis
**Course Description**
For graduate and upper-level undergraduate students, an introduction to the differences and commonalities among a diverse range of symbioses involving animals, plants, fungi and prokaryotes and the ways in which they influence biological communities. Topics include the human gut microbiome, mycorrhizas, plant-rhizobium symbiosis, plant-insect symbioses, marine invertebrate-bacterial symbioses, ant

## BIO 525 - Animal Disease, Biosecurity, and Zoonoses

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 525 |

**Teaching Area**
BIO
**Course Title**
Animal Disease, Biosecurity, and Zoonoses
**Course Description**
Animal disease emphasizing prevention, organ systems affected, biosecurity, and zoonotic potential.
**Department**
Biology
**When Taught**

symbioses, lichens and soil crusts.

**Department**
Biology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- BIO 220 - Biological Diversity: Animals

Prerequisites

**Complete ALL of the following Courses:**
- BIO 230 - Biological Diversity: Plants

**Additional Comments:**

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Bio 380 or instructor's consent.

| Title | Tags |
|---|---|
| Comparative Pathophysiology | 201099, 1 |

**Learning Outcome**
Comparative pathophysiology will be taught using canine, feline, bovine, ovine, caprine, equine, lab animals, and wildlife examples

| Title | Tags |
|---|---|
| Animal Pathophysiology | 201100, 2 |

**Learning Outcome**
Understand basic animal pathophysiology of disease on an organ system basis and preventive measures to maintain animal health

| Title | Tags |
|---|---|
| Biosecurity Practices | 201101, 3 |

**Learning Outcome**
Identify biosecurity practices to prevent animal disease

| Title | Tags |
|---|---|
| Avert Health Problems | 201102, 4 |

**Learning Outcome**
Differentiate between zoonoses, sapronoses and anthroponoses and understand how to institute preventive measures and

management practices to avert these health problems

| Title | Tags |
| --- | --- |
| Design Health Program | 201103, 5 |

**Learning Outcome**
Design a herd health program with preventive measures that addresses nutrition, sanitation, housing, ventilation, lighting, and other components for a particular species the student wants to work with as a producer

| Title | Tags |
| --- | --- |
| Management Procedures | 201104, 6 |

**Learning Outcome**
Understand how to institute good management procedures that can prevent the occurrence of animal disease

| Title | Tags |
| --- | --- |
| Animal Immunology | 201105, 7 |

**Learning Outcome**
Develop a basic knowledge of animal immunology as it pertains to disease induction and prevention, with natural and artificial immunity practices that should be implemented to enhance disease prevention, and nutritional practices to optimize animal immunity

## BIO 530 - Advanced Genetic Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 530 |

**Teaching Area**
BIO
**Course Title**
Advanced Genetic Analysis
**Course Description**
Close examination of core genetic principles as presented in both classic and current literature with the goal of understanding current uses of genetics to examine gene function. Emphasis given to the experimental basis of transmission genetics (transfer of information between generations) as presented in classic studies and contemporary uses of genetic analysis to define gene function in current literature.
**Department**
Biology
**When Taught**

## BIO 541 - Aquatic Entomology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BIO | 541 |

**Teaching Area**
BIO
**Course Title**
Aquatic Entomology
**Course Description**
Morphology, classification, biology, and functional ecology of aquatic insects. Field trips required.
**Department**
Biology
**When Taught**
Fall Even Years

### Credit Hours

Fall Odd Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PWS 340 - Genetics

**Additional Comments:**

Min
4

Fixed
4

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
4

**Other Prerequisites**
Bio 441 or equivalent

| Title | Tags |
|---|---|
| Appreciation for Diversity | 201106, 1 |

**Learning Outcome**
Develop an appreciation for the diversity of the living aquatic insect world.

| Title | Tags |
|---|---|
| Becoming Better Stewards | 201107, 2 |

**Learning Outcome**
Learn to become better stewards of the earth and its living inhabitants.

| Title | Tags |
|---|---|
| Understanding | 201108, 3 |

**Learning Outcome**
Understanding of all aquatic biology.

## BIO 550 - Behavioral Ecology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BIO | 550 |

**Teaching Area**
BIO
**Course Title**
Behavioral Ecology
**Course Description**
Students in Behavioral Ecology will study the biological mechanisms and evolutionary causes and consequences of a range of animal behaviors. The course will be geared towards helping students to gain a broad perspective of the range of factors that influence animal

## BIO 555 - Evolutionary and Ecological Modeling

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BIO | 555 |

**Teaching Area**
BIO
**Course Title**
Evolutionary and Ecological Modeling
**Course Description**
Using models in ecology. Practical experience in analytical, simulation, and agent-based models.

broad perspective of the range of factors that influence animal behavior and to provide students with the tools conduct, evaluate, and understand research on the ecology of animal behavior. We will cover a broad range of topics that are central to the field of behavioral ecology, including the economics of behavioral decisions, predator-prey arms races, resource competition, group living, reproductive selection and conflict, parental care, mating systems, social behaviors, cooperation and altruism, and communication. Each of these topics will be examined from an evolutionary and ecological perspective, with a focus on helping students first to understand the underlying theory and concepts, and second to grasp the research techniques and approaches used to increase knowledge in this field.

**Department**
Biology
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BIO 350 - Ecology

**Additional Comments:**

| Title | Tags |
|---|---|
| Scientific Literacy | 209786, 0, 1 |

**Learning Outcome**
Students will be able to read primary scientific literature addressing animal behavior, interpret data presented therein, and synthesize an argument about the evolution of animal behavior

| Title | Tags |
|---|---|
| Hypotheses About Animal | |

**Department**
Biology
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Senior status in bioinformatics program or graduate status; Stat 511, 512, or equivalent; instructor's consent.

| Title | Tags |
|---|---|
| Theoretical Understanding of Modeling | 201365, 1 |

**Learning Outcome**
Stuents will gain a theoretical understanding of the role of modeling.

| Title | Tags |
|---|---|
| Modeling in Evolution and Ecology | 201366, 2 |

**Learning Outcome**
Students will understand the role that modeling plays in evolution and ecology

| Title | Tags |
|---|---|
| Building Models | 201367, 3 |

**Learning Outcome**
Students will be able to build, test, and run models based on their area of research and interest.

| | |
|---|---|
| Behavior | 209787, 0, 2 |

**Learning Outcome**
Form hypotheses regarding the causes and consequences of organismal behavior

| Title | Tags |
|---|---|
| Data Collection | 209788, 0, 3 |

**Learning Outcome**
Collect the appropriate data required to test hypotheses about the causes and consequences of behavior.

| Title | Tags |
|---|---|
| Data Analysis | 209789, 0, 4 |

**Learning Outcome**
Critically analyze data to test hypotheses about the causes and consequences of behavior

| Title | Tags |
|---|---|
| Writing | 209790, 0, 5 |

**Learning Outcome**
Write journal-style reports detailing scientific findings

| Title | Tags |
|---|---|
| Scientific Communication | 209791, 0, 6 |

**Learning Outcome**
Present scientific findings orally to a group of peers

## BIO 556 - Limnology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BIO | 556 |

**Teaching Area**
BIO
**Course Title**
Limnology
**Course Description**
Lakes, reservoirs; their biota and physical/chemical properties.
**Department**
Biology
**When Taught**
Contact Department

### Credit Hours

## BIO 557 - Stream and Wetland Ecology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BIO | 557 |

**Teaching Area**
BIO
**Course Title**
Stream and Wetland Ecology
**Course Description**
Stream and wetland ecology; their biota and their physical/chemical properties.
**Department**
Biology
**When Taught**
Fall Odd Years

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Other Prerequisites**
Bio 350, Chem 106; or equivalents.

| Title | Tags |
| --- | --- |
| Physical Processes | 201109, 0, 1 |

**Learning Outcome**

Describe key physical, chemical, and biological processes in aquatic ecosystems.

| Title | Tags |
| --- | --- |
| Chemical Processes | 201110, 0, 2 |

**Learning Outcome**

Predict how organisms will respond and adapt to physical and chemical constraints

| Title | Tags |
| --- | --- |
| Solutions | 201111, 0, 3 |

**Learning Outcome**

Diagnose environmental problems related to lakes and apply scientific knowledge to find solutions

| Title | Tags |
| --- | --- |
| Data Analysis | 201112, 0, 4 |

**Learning Outcome**

Analyze, interpret, and synthesize limnological data in a written report

| Title | Tags |
| --- | --- |
| Science Communication | 201113, 0, 5 |

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
4

**Other Prerequisites**
Bio 350 or equivalent

| Title | Tags |
| --- | --- |
| Streams and Wetlands | 201114, 1 |

**Learning Outcome**
Develop an understanding of streams and wetlands within the broader context of ecology and conservation.

| Title | Tags |
| --- | --- |
| Conservation Issues | 201115, 2 |

**Learning Outcome**
Become familiar with the major conservation issue in streams and wetlands and the underlying ecological concepts.

| Title | Tags |
| --- | --- |
| Current Literature | 201116, 3 |

**Learning Outcome**
Initial exposure to the current literature.

| Title | Tags |
| --- | --- |
| Critical Thinking | 201117, 4 |

**Learning Outcome**
Develop skills related to critical thinking. That is, learn how to: a) read critically and summarize information, b) draw conclusions and synthesize information to develop new questions and hypotheses, and c) design experiments or comparative studies. It is important to start

Learning Outcome

Communicate effectively through an oral presentation on original work

early to learn how to think, read, and write critically.

## BIO 559R - Evolutionary Biology

### Course Information

Teaching Area (new)
BIO

Course Number
559R

Teaching Area
BIO

Course Title
Evolutionary Biology

Department
Biology

When Taught
Contact Department

#### Credit Hours

Min
1

Fixed
6

Other Prerequisites
Instructor's consent.

Title
Understanding of Scientific Inquiry

Tags
201353, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Ability to Interpret, Analyze, and Present Results

Tags
201354, 2

Learning Outcome
Students will effectively interpret, analyze, and present results of experimentation to others.

## BIO 559R - Advanced Topics in Ecology and Evolution

### Course Information

Teaching Area (new)
BIO

Course Number
559R

Teaching Area
BIO

Course Title
Advanced Topics in Ecology and Evolution

Course Description
Current topics in ecology, evolution, and systematics.

Department
Biology

When Taught
Contact Department

#### Credit Hours

Min
1

Fixed
6

Other Prerequisites
Instructor's consent.

Title
Understanding of Scientific Inquiry

Tags
201120, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Ability to Interpret, Analyze, and Present Results

Tags
201121, 3

Learning Outcome
Students will effectively interpret, analyze, and present results of experimentation to others.

## BIO 559R - Advanced Ecology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
559R

**Teaching Area**
BIO

**Course Title**
Advanced Ecology

**Department**
Biology

**When Taught**
Contact Department

**Credit Hours**

**Min**
1

**Fixed**
6

**Other Prerequisites**
Instructor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201349, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Ability to Interpret, Analyze, and Present Results

**Tags**
201350, 2

**Learning Outcome**
Students will effectively interpret, analyze, and present results of experimentation to others.

## BIO 559R - Tropical Biology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
559R

**Teaching Area**
BIO

**Course Title**
Tropical Biology

**Department**
Biology

**When Taught**
Contact Department

**Credit Hours**

**Min**
1

**Fixed**
6

**Other Prerequisites**
Instructor's consent.

**Title**
Ability to Design and Implement Research

**Tags**
201343, 1

**Learning Outcome**
Students will demonstrate an ability to design and implement a research project physiological ecology.

**Title**
Appreciation and Understanding of Content

**Tags**
201344, 2

**Learning Outcome**
Students will show an appreciation for and understanding of physiological ecology.

## BIO 559R - Biogeography

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
559R

**Teaching Area**
BIO

**Course Title**
Biogeography

**Department**
Biology

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
6

**Other Prerequisites**
Instructor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201355, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Ability to Interpret, Analyze, and Present Results

**Tags**
201356, 2

**Learning Outcome**
Students will effectively interpret, analyze, and present results of experimentation to others.

## BIO 559R - Biological Science Education

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
559R

**Teaching Area**
BIO

**Course Title**
Biological Science Education

**Course Description**
Topics include epistemology, pedagogy, innovative curriculum, and scientific education research.

**Department**
Biology

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
6

**Other Prerequisites**
Instructor's consent.

**Title**
Ability to Design and Implement Research

**Tags**
201345, 1

**Learning Outcome**
Students will demonstrate an ability to design and implement a research project physiological ecology.

**Title**
Appreciation and Understanding of Content

**Tags**
201346, 2

**Learning Outcome**
Students will show an appreciation for and understanding of physiological ecology.

## BIO 559R - Advanced Systematics

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
559R

**Teaching Area**
BIO

**Course Title**
Advanced Systematics

**Department**
Biology

**When Taught**
Contact Department

**Credit Hours**

**Min**
1

**Fixed**
6

**Other Prerequisites**
Instructor's consent.

**Title**
Understanding of Scientific Inquiry

**Tags**
201351, 1

**Learning Outcome**
Students will demonstrate an understanding of the methods of scientific inquiry.

**Title**
Ability to Interpret, Analyze, and Present Results

**Tags**
201352, 2

**Learning Outcome**
Students will effectively interpret, analyze, and present results of experimentation to others.

## BIO 559R - Physiological Ecology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
559R

**Teaching Area**
BIO

**Course Title**
Physiological Ecology

**Department**
Biology

**When Taught**
Contact Department

**Credit Hours**

**Min**
1

**Fixed**
6

**Other Prerequisites**
Instructor's consent.

**Title**
Ability to Design and Implement Research

**Tags**
201122, 2

**Learning Outcome**
Students will demonstrate an ability to design and implement a research project physiological ecology.

**Title**
Appreciation and Understanding of Content

**Tags**
201123, 4

**Learning Outcome**
Students will show an appreciation for and understanding of physiological ecology.

## BIO 559R - Field Biology

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
559R

**Teaching Area**
BIO

**Course Title**
Field Biology

**Department**
Biology

**When Taught**
Contact Department

## BIO 560 - Population Genetics

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
560

**Teaching Area**
BIO

**Course Title**
Population Genetics

**Course Description**
Basic principles of population genetics applied to natural populations; drift, selection, and nonrandom mating; inferring population subdivision, migration, and gene flow.

**Department**

### Credit Hours

Min
1

Fixed
6

Other Prerequisites
Instructor's consent.

| Title | Tags |
| --- | --- |
| Ability to Design and Implement Research | 201347, 1 |

Learning Outcome
Students will demonstrate an ability to design and implement a research project physiological ecology.

| Title | Tags |
| --- | --- |
| Appreciation and Understanding of Content | 201348, 2 |

Learning Outcome
Students will show an appreciation for and understanding of physiological ecology.

Department
Biology
When Taught
Contact Department

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Other Prerequisites
Bio 420 or equivalent.

| Title | Tags |
| --- | --- |
| Introduction | 201124, 1 |

Learning Outcome
Students will gain a general introduction to the field a population genetics.

| Title | Tags |
| --- | --- |
| Application | 201125, 2 |

Learning Outcome
Students will experience the broad application of population genetics to diverse fields from ecology to medicine.

| Title | Tags |
| --- | --- |
| Analyze Data | 201126, 3 |

Learning Outcome
Students will manipulate and analyze population genetic data, especially molecular data.

## BIO 581 - Biological Applications in Electron Microscopy

### Course Information

Teaching Area (new) | Course Number

## BIO 589R - Advanced Science In-Service

### Course Information

Teaching Area (new) | Course Number
BIO | 589R

BIO 581
**Teaching Area**
BIO
**Course Title**
Biological Applications in Electron Microscopy
**Course Description**
Theoretical and practical aspects of transmission and scanning electron microscopy of biological samples.
**Department**
Biology
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

| Title | Tags |
| --- | --- |
| Operate the TEM | 201220, 1 |

**Learning Outcome**
Students will be able to operate the Transmission Electron Microscope to acquire images.

| Title | Tags |
| --- | --- |
| Understanding of Transmission Electron Microscopy | 201241, 3 |

**Learning Outcome**
Students will understand the reasons for various techniques that are used, the major components of the microscope, and the several applications of the technology.

| Title | Tags |
| --- | --- |
| Perform Specimen Preparation | 201242, 0 |

**Learning Outcome**
Students will be able to perform routine biological specimen preparation.

**Teaching Area**
BIO
**Course Title**
Advanced Science In-Service
**Course Description**
In-service course for science teachers. Topics vary.
**Department**
Biology
**When Taught**
Summer Term

### Credit Hours

**Min**
1

**Fixed**
5

| Title | Tags |
| --- | --- |
| Application | 201357, 1 |

**Learning Outcome**
Students will use the skill and knowledge they have learning in their program in an Advanced Science In-service project.

| Title | Tags |
| --- | --- |
| Interpret and Present Data | 201248, 2 |

**Learning Outcome**
Students will be able to appropriately interpret and present TEM data.

## BIO 589R - Ecology Science In-Service

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
589R

**Teaching Area**
BIO

**Course Title**
Ecology Science In-Service

**Course Description**
In-service course for science teachers.

**Department**
Biology

**When Taught**
Summer Term

### Credit Hours

**Min**
1

**Fixed**
5

**Title**
Understanding and Skills

**Tags**
201297, 1

**Learning Outcome**
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

**Title**
Specialty Knowledge

**Tags**
201298, 2

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

**Title**
Focused Topic Knowledge

**Tags**
201299, 3

**Learning Outcome**
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity

## BIO 589R - Botany Science In-Service

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
589R

**Teaching Area**
BIO

**Course Title**
Botany Science In-Service

**Course Description**
In-service course for science teachers.

**Department**
Biology

**When Taught**
Summer Term

### Credit Hours

**Min**
1

**Fixed**
5

**Title**
Understanding and Skills

**Tags**
201306, 1

**Learning Outcome**
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

**Title**
Advanced Knowledge

**Tags**
201307, 2

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

**Title**
Focused Knowledge

**Tags**
201308, 3

**Learning Outcome**
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity

## BIO 589R - Evolution Science In-Service

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
589R

**Teaching Area**
BIO

**Course Title**
Evolution Science In-Service

**Course Description**
In-service course for science teachers.

**Department**
Biology

**When Taught**
Summer Term

### Credit Hours

**Min**
1

**Fixed**
5

**Title**
Understanding and Skills

**Tags**
201303, 1

**Learning Outcome**
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

**Title**
Advanced Knowledge

**Tags**
201304, 2

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

**Title**
Focused Knowledge

**Tags**
201305, 3

**Learning Outcome**
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity

## BIO 589R - Genetics Science In-Service

### Course Information

**Teaching Area (new)**
BIO

**Course Number**
589R

**Teaching Area**
BIO

**Course Title**
Genetics Science In-Service

**Course Description**
In-service course for science teachers.

**Department**
Biology

**When Taught**
Summer Term

### Credit Hours

**Min**
1

**Fixed**
5

**Title**
Understanding and Skills

**Tags**
201300, 1

**Learning Outcome**
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

**Title**
Advanced Knowledge

**Tags**
201301, 2

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

**Title**
Focused Knowledge

**Tags**
201302, 3

**Learning Outcome**
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity

## BIO 589R - Meterology Science In-Service

### Course Information

**Teaching Area (new)**

**Course Number**

## BULGN 100 - Language Study: Bulgarian

### Course Information

**Teaching Area (new)**

**Course Number**

BIO 589R
**Teaching Area**
BIO
**Course Title**
Meterology Science In-Service
**Course Description**
In-service course for science teachers.
**Department**
Biology
**When Taught**
Summer Term

### Credit Hours

**Min**
1

**Fixed**
5

| Title | Tags |
| --- | --- |
| Understanding and Skills | 201309, 1 |

**Learning Outcome**
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

| Title | Tags |
| --- | --- |
| Advanced Knowledge | 201310, 2 |

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

| Title | Tags |
| --- | --- |
| Focused Knowledge | 201311, 3 |

**Learning Outcome**
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity

BULGN 100
**Teaching Area**
BULGN
**Course Title**
Language Study: Bulgarian
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Bulgarian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 196454, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 196456, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196459, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## BULGN 101 - First-Year Bulgarian

### Course Information

**Teaching Area (new)**
BULGN

**Course Number**
101

**Teaching Area**
BULGN

**Course Title**
First-Year Bulgarian

**Course Description**
Beginning speaking, listening, reading, and writing skills in Bulgarian.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

| Title | Tags |
|---|---|
| Speaking | 193251, 1 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Comprehension | 193253, 2 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Writing | 193269, 3 |

**Learning Outcome**
In the target language, write

## BULGN 102 - First-Year Bulgarian

### Course Information

**Teaching Area (new)**
BULGN

**Course Number**
102

**Teaching Area**
BULGN

**Course Title**
First-Year Bulgarian

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Bulgarian.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BULGN 101 - First-Year Bulgarian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Culture | 193286, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
|---|---|
| Speaking | 193287, 2 |

short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193278, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Comprehension | 193295, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Writing | 193304, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

## BULGN 201 - Second-Year Bulgarian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BULGN | 201 |

**Teaching Area**
BULGN
**Course Title**
Second-Year Bulgarian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Bulgarian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

## BULGN 211R - Second-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BULGN | 211R |

**Teaching Area**
BULGN
**Course Title**
Second-Year Conversation
**Course Description**
Intermediate listening comprehension and speaking skills in Bulgarian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BULGN 102 - First-Year Bulgarian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Vocabulary | 193321, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Elaboration | 193329, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Grammar | 193338, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 193347, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

**Complete ALL of the following Courses:**
- BULGN 201 - Second-Year Bulgarian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Conversation | 193357, 1 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

| Title | Tags |
|---|---|
| Survival Transactions | 193367, 2 |

**Learning Outcome**
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 194559, 3 |

**Learning Outcome**
Be understood by native speakers accustomed to dealing with non-native speakers.

# BULGN 305 - Language Skills Development: Bulgarian

## Course Information

**Teaching Area (new)**
BULGN

**Course Number**
305

**Teaching Area**
BULGN

**Course Title**
Language Skills Development: Bulgarian

**Course Description**
Increasing proficiency in one or more of the following Bulgarian language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196474, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196479, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196483, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native

# BULGN 321 - Advanced Grammar: Bulgarian

## Course Information

**Teaching Area (new)**
BULGN

**Course Number**
321

**Teaching Area**
BULGN

**Course Title**
Advanced Grammar: Bulgarian

**Course Description**
Systematic review of grammar and syntax of Bulgarian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196488, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196489, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196492, 3 |

**Learning Outcome**
Function as independent learners of the target language

speakers associated with the special purpose.

by using proper terms and appropriate resources for language analysis.

## BULGN 330 - Cultural History of Bulgaria

### Course Information

**Teaching Area (new)**
BULGN

**Course Number**
330

**Teaching Area**
BULGN

**Course Title**
Cultural History of Bulgaria

**Course Description**
Study of Bulgarian culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Bulgn 201 or foreign residence experience.

**Note**
Required course for obtaining language credit by examination (Bulgn 101, 102, 201, 211R). Culminating course for Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| General Education Requirements | 193915, 4 |

**Learning Outcome**
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awarness" requirements.

| Title | Tags |
| --- | --- |

## BULGN 340 - Introduction to Literature: Bulgarian

### Course Information

**Teaching Area (new)**
BULGN

**Course Number**
340

**Teaching Area**
BULGN

**Course Title**
Introduction to Literature: Bulgarian

**Course Description**
Advanced study of Bulgarian literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- BULGN 330 - Cultural History of Bulgaria

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 196508, 1 |

**Learning Outcome**

| Communication skills | 199965, 1 |
|---|---|

**Learning Outcome**
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 199966, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cutlural Knowledge | 199967, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196509, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196512, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196517, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## BULGN 350 - Advanced Language Study for Career Purposes: Bulgarian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BULGN | 350 |

**Teaching Area**
BULGN
**Course Title**
Advanced Language Study for Career Purposes: Bulgarian
**Course Description**
Concentration on Bulgarian language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

## BURMS 100 - Language Study: Burmese

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| BURMS | 100 |

**Teaching Area**
BURMS
**Course Title**
Language Study: Burmese
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Burmese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Credit Hours**

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BULGN 330 - Cultural History of Bulgaria

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196520, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 196525, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 196528, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 196541, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 196548, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 196551, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196531, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196536, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## BURMS 101 - First-Year Language Study: Burmese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BURMS | 101 |

**Teaching Area**
BURMS
**Course Title**
First-Year Language Study: Burmese
**Course Description**
Beginning speaking, listening, reading, and writing skills in Burmese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

## BURMS 102 - First-Year Language Study: Burmese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BURMS | 102 |

**Teaching Area**
BURMS
**Course Title**
First-Year Language Study: Burmese
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Burmese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 196557, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196559, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196561, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196563, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## BURMS 201 - Second-Year Language Study:

### Lab Hours

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BURMS 101 - First-Year Language Study: Burmese

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 196567, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196571, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196590, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196592, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## BURMS 202 - Second-Year Language Study:

## Burmese

### Course Information

**Teaching Area (new)**
BURMS

**Course Number**
201

**Teaching Area**
BURMS

**Course Title**
Second-Year Language Study: Burmese

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Burmese.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BURMS 102 - First-Year Language Study: Burmese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Elaboration | 196596, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

## Burmese

### Course Information

**Teaching Area (new)**
BURMS

**Course Number**
202

**Teaching Area**
BURMS

**Course Title**
Second-Year Language Study: Burmese

**Course Description**
Continued emphasis on Burmese communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BURMS 201 - Second-Year Language Study: Burmese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
| --- | --- |
| Communication Skills | 196607, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing

| Title | Tags |
| --- | --- |
| Vocabulary | 196598, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 196601, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 196604, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 196609, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196611, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196614, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## BURMS 305 - Language Skills Development: Burmese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BURMS | 305 |

**Teaching Area**
BURMS
**Course Title**
Language Skills Development: Burmese
**Course Description**
Increasing proficiency in one or more of the following Burmese language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**

## BURMS 321 - Advanced Grammar: Burmese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BURMS | 321 |

**Teaching Area**
BURMS
**Course Title**
Advanced Grammar: Burmese
**Course Description**
Systematic review of grammar and syntax of Burmese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 196615, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 196617, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196620, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BURMS 202 - Second-Year Language Study: Burmese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 196623, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 196625, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196627, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

# BURMS 330 - Advanced Language Proficiency Through Cultural Studies: Burmese

## Course Information

**Teaching Area (new)**
BURMS

**Course Number**
330

**Teaching Area**
BURMS

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Burmese

**Course Description**
Study of Burmese culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Burms 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196632, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196634, 2 |

**Learning Outcome**
Understand detailed written and

# BURMS 340 - Introduction to Literature: Burmese

## Course Information

**Teaching Area (new)**
BURMS

**Course Number**
340

**Teaching Area**
BURMS

**Course Title**
Introduction to Literature: Burmese

**Course Description**
Advanced study of Burmese literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BURMS 330 - Advanced Language Proficiency Through Cultural Studies: Burmese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196641, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196635, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196640, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

| Title | Tags |
| --- | --- |
| Key Characteristics | 196642, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 196643, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 196644, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## BURMS 350 - Advanced Language Study for Career Purposes: Burmese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| BURMS | 350 |

**Teaching Area**
BURMS
**Course Title**
Advanced Language Study for Career Purposes: Burmese
**Course Description**
Concentration on Burmese language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## C S 110 - How to Program

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| C S | 110 |

**Teaching Area**
C S
**Course Title**
How to Program
**Course Description**
Introduction to programming and computer science for those with no prior programming experience. Focuses on the basic aspects of programming, with an emphasis on core principles. Labs provide a supportive environment to learn how to program with peers. Weekly discussions will introduce some of the many ways computer science interacts with society. Programming assignments will demonstrate how to use computing in a variety of disciplines. \n
**Department**
Computer Science
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BURMS 330 - Advanced Language Proficiency Through Cultural Studies: Burmese

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 196645, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196646, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196647, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196648, 4 |

**Learning Outcome**
Communicate effectively at the

Min
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Note**
Designed for those with no prior experience in programming

Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196649, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## C S 111 - Introduction to Computer Science

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| C S | 111 |

**Teaching Area**
C S
**Course Title**
Introduction to Computer Science
**Course Description**
Teaches how to design, develop, reason about, and test programs. Topics include higher-order functions, object-oriented programming, recursion, algorithms, data structures, decomposition, interpreters, and regular expressions.
**Department**
Computer Science
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

## C S 142 - Introduction to Computer Programming

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| C S | 142 |

**Teaching Area**
C S
**Course Title**
Introduction to Computer Programming
**Course Description**
Introduction to object-oriented program design and development. Principles of algorithm formulation and implementation.
**Department**
Computer Science
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
CS 110 or equivalent prior programming experience

**Recommended**
Prior programming experience should include statements, variables, control flow (if/while), and functions

**Other Prerequisites**
Knowledge of algebra

**Title**
Understand the importance of the following concepts

**Tags**
204455, 2

**Learning Outcome**
AbstractionDebugging and Assurance of CorrectnessProgram Development (analysis, specification, design, implementation, testing)

**Title**
Write programs whose complexity reaches a few hundred lines

**Tags**
204487, 1

**Learning Outcome**
Use the rudiments of the environment and the resources available to help them program (editors, basic computer architecture, compilers, libraries, reference manuals, on-line help).

Develop programs from an English description.

Write programs on their own, independent of "hand holding" by a TA or an instructor (typically a dozen or so).

Understand and use the basic programming constructs: types (built in types, basic provided types including arrays and strings, type construction), values (constants,variables, assignment statements, and expressions), control structures (sequential flow, conditional statements, and loops), and I/O (basic output to the screen and input from the keyboard, and file I/O).

Understand and use objects (value representation, applicable operations, hidden implementations).

Implement basic recursive algorithms.

Describe and use the basic ideas of some of the more advanced programming constructs,including exceptions, inheritance, and polymorphism.

## C S 180 - Introduction to Data Science

### Course Information

**Teaching Area (new)**
C S

**Course Number**
180

**Teaching Area**
C S

**Course Title**
Introduction to Data Science

**Course Description**
This course is a broad, interdisciplinary look at the field of data science, and how to derive insight from data. It will develop technical skills (including some python programming, statistics, linear algebra, machine learning, data cleaning and visualization) as well as data literacy (mental frameworks for decomposing data science problems, critical thinking about potential conclusions of an analysis, and potential pitfalls of overreliance on unreliable data).

**Department**
Computer Science

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
CS 110 or equivalent prior programming experience

**Recommended**
Prior programming experience should include statements, variables, control flow (if/while), and functions

## C S 199R - Academic Internship

### Course Information

**Teaching Area (new)**
C S

**Course Number**
199R

**Teaching Area**
C S

**Course Title**
Academic Internship

**Course Description**
Internships or cooperative education experiences with organizations outside BYU.

**Department**
Computer Science

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Provide Work Experience

**Tags**
204414, 0

**Learning Outcome**
Students will develop familiarity with industrial software development and analysis.

## C S 201R - Topics in Computer Science

### Course Information

**Teaching Area (new)**
C S

**Course Number**
201R

**Teaching Area**
C S

## C S 202 - Software Engineering Lab 1

### Course Information

**Teaching Area (new)**
C S

**Course Number**
202

**Teaching Area**
C S

C S
**Course Title**
Topics in Computer Science
**Course Description**
Undergraduate level subjects as announced before each semester.
**Department**
Computer Science
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Data gathering | 204488, 2 |

**Learning Outcome**
Because 201R is an experiment course, data on how well the course accomplished the outcomes will be gathered. This will usually be in the form of surveys, exam scores, and project scores.

| Title | Tags |
| --- | --- |
| Experimental course | 204497, 1 |

**Learning Outcome**
A 201R course is used by a professor who is teaching an experimental course. Learning outcomes will vary for the course, but these outcomes are evaluated during the vetting process (through the department undergraduate curriculum committee) before the professor is allowed to teach the course. At this level, typical learning outcomes involve computing practice and fundamental theory.

C S
**Course Title**
Software Engineering Lab 1
**Course Description**
The first of three experiential learning labs that will provide students with hands-on experience with various tools, technologies, and techniques that software engineers use in practice. In addition to hands-on lab experiences, this course contains lecture and assigned reading content that will provide an understanding of what a software engineering career is and what roles and responsibilities are available to software engineers.
**Department**
Computer Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 142 - Introduction to Computer Programming
  **OR** C S 111 - Introduction to Computer Science

**Additional Comments:**

**Other Prerequisites**
With instructor consent, may be taken concurrently with C S 203 and 204.
**Note**
C S 202, 203, and 204 are designed to be taken in sequence

# C S 203 - Software Engineering Lab 2

## Course Information

**Teaching Area (new)**
C S

**Course Number**
203

**Teaching Area**
C S

**Course Title**
Software Engineering Lab 2

**Course Description**
The second of three experiential learning labs that will provide students with hands-on experience with various tools, technologies, and techniques that software engineers use in practice. The lab experiences in this course build on those learned in CS 202 and focus on tools and techniques for source code testing, automated source code analysis, and source code build and dependency management.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 202 - Software Engineering Lab 1
  **AND** C S 235 - Data Structures and Algorithms

**Additional Comments:**

**Other Prerequisites**
With instructor consent, may be taken concurrently with C S 202 and 204.

**Note**
C S 202, 203, and 204 are designed to be taken in sequence.

# C S 204 - Software Engineering Lab 3

## Course Information

**Teaching Area (new)**
C S

**Course Number**
204

**Teaching Area**
C S

**Course Title**
Software Engineering Lab 3

**Course Description**
The third of three experiential learning labs that will provide students with hands-on experience with various tools, technologies, and techniques that software engineers use in practice. The lab experiences in this course build on those learned in CS 202 and CS 203 and focus on tools and techniques for cloud development and Agile programming.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 203 - Software Engineering Lab 2
  **AND** C S 240 - Advanced Software Construction

**Additional Comments:**

**Other Prerequisites**
With instructor consent, may be taken concurrently with C S 202 and 203.

**Note**
C S 202, 203, and 204 are designed to be taken in sequence.

## C S 224 - Introduction to Computer Systems

### Course Information

**Teaching Area (new)**
C S

**Course Number**
224

**Teaching Area**
C S

**Course Title**
Introduction to Computer Systems

**Course Description**
How a computer works to execute sequential code: low level data representation and abstraction, the relationship between C and assembly, computer architecture and pipelining, the memory hierarchy, dynamic memory allocation, and linking.\n

**Department**
Computer Science

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 235 - Data Structures and Algorithms

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags |
|---|---|
| Binary Computations | 180230, 0 |

**Learning Outcome**
Ability to perform simple computations in binary.

| Title | Tags |
|---|---|
| C Programming | 180280, 4 |

## C S 235 - Data Structures and Algorithms

### Course Information

**Teaching Area (new)**
C S

**Course Number**
235

**Teaching Area**
C S

**Course Title**
Data Structures and Algorithms

**Course Description**
Fundamental data structures and algorithms of computer science; basic algorithm analysis; recursion; sorting and searching; lists, stacks, queues, trees, hashing; object-oriented data abstraction.

**Department**
Computer Science

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- C S 142 - Introduction to Computer Programming

Prerequisites

**Complete ALL of the following Courses:**
- C S 111 - Introduction to Computer Science

**Additional Comments:**

| Title | Tags |
|---|---|
| Data Computing Fundamentals | 204285, 1 |

**Learning Outcome**
Use the fundamental data types of computing (lists, stacks

Learning Outcome
Ability to program in C.

Title
Assembly Programming

Tags
180318, 5

Learning Outcome
Ability to program in assembly.

Title
Translating C code to Assembly

Tags
180319, 1

Learning Outcome
Ability to describe how a compiler translates C code to assembly.

Title
Computer Operation

Tags
180357, 3

Learning Outcome
Ability to describe the operation of a computer at the micro-architectural level

Title
Boolean Logic

Tags
204282, 1

Learning Outcome
Perform computations using Boolean logic

Title
Translate Boolean

Tags
204283, 2

Learning Outcome
Translate Boolean logic to transistor circuitry

Title
Circuitry

Tags
204284, 3

Learning Outcome
Use combinational and sequential circuitry to implement an instruction set architecture

Title
Computer Architecture

Tags
204456, 7

Learning Outcome
Ability to describe the high level organization and operation of a computer, e.g. the von Neumann

of computing (lists, stacks, queues, priority queues, sets, maps, trees, etc.).

Title
Implementing Fundamental Data Types

Tags
204286, 2

Learning Outcome
Understand the major techniques for implementing the fundamental data types (linked lists, binary search trees, hashing, heaps, etc.) and implement several of them.

Title
Select Data Structures

Tags
204287, 3

Learning Outcome
Properly use and select data structures from language-provided data-structure libraries.

Title
Analysis

Tags
204288, 4

Learning Outcome
Apply basic algorithm analysis.

Title
Recursion

Tags
204289, 5

Learning Outcome
Understand how recursion works and write programs using recursion to solve problems.

Title
Usage of Algorithms

Tags
204290, 6

Learning Outcome
Make informed decisions about which sorting and searching algorithms to use in specific circumstances.

Title
Program Writing

Tags
204291, 7

Learning Outcome
Write programs that require ~500 lines of code.

model

## C S 236 - Discrete Structures

### Course Information

**Teaching Area (new)**
C S

**Course Number**
236

**Teaching Area**
C S

**Course Title**
Discrete Structures

**Course Description**
Introduction to grammars and parsing; predicate and propositional logic; proof techniques; sets, functions, relations, relational data model; graphs and graph algorithms.

**Department**
Computer Science

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 235 - Data Structures and Algorithms

**Additional Comments:**

**Title**
Write Code From Diverse Program Components

**Tags**
204292, 2

**Learning Outcome**
Demonstrate ability to build large programs by writing and integrating code from a diverse

## C S 240 - Advanced Software Construction

### Course Information

**Teaching Area (new)**
C S

**Course Number**
240

**Teaching Area**
C S

**Course Title**
Advanced Software Construction

**Course Description**
Advanced software development with an object-oriented focus. Design, implementation, and testing of medium-sized programs including a server program.

**Department**
Computer Science

**When Taught**
All Semesters/Terms

### Credit Hours

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 235 - Data Structures and Algorithms

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

**Title**
Construction

**Tags**
213392, 0, 1, 2023-08-29 07:26:47

**Learning Outcome**
Learn to construct a medium-scale server program with data persistence in a principled way by applying relevant

integrating code from a diverse spectrum of program components.

| Title | Tags |
| --- | --- |
| Use Mathematical Structures to Solve Programming Problems | 204417, 2 |

**Learning Outcome**
Understand and be conversant with basic discrete mathematical structures (finite state machines, regular expressions, grammars, propositional calculus, proof techniques, predicate calculus, sets, relations, functions, graphs).Write complex programs by using mathematical concepts as the basis for solving programming problems (finite state machines for lexical analysis; grammars for parsing; propositional and predicate calculus for logic programming; sets and algebras for relational databases; algebras, graphs, and topological sorting for optimizing datalog query processing).Incrementally build sophisticated programs by a systematic design process based on discrete mathematics.Design a solution for a programming problem and justify the design as one that is maintainable and extendable by other programmers who understand and are conversant with discrete mathematical structures.

## C S 252 - Introduction to Computational Theory

engineering techniques such as up-front design, quality code construction, unit testing, assertions, and error handling.

| Title | Tags |
| --- | --- |
| Design | 213393, 0, 2, 2023-08-29 07:26:49 |

**Learning Outcome**
Learn and apply basic software design principles such as single responsibility, low coupling, avoidance of code duplication and information/data hiding to create modular code.

| Title | Tags |
| --- | --- |
| Databases | 213394, 0, 3, 2023-08-29 07:26:51 |

**Learning Outcome**
Learn and apply the basics of relational database design, modeling and programmatic access.

| Title | Tags |
| --- | --- |
| Security | 213395, 0, 4, 2023-08-29 07:26:52 |

**Learning Outcome**
Learn and apply basic security principles and concepts.

| Title | Tags |
| --- | --- |
| Testing | 213396, 0, 5, 2023-08-29 07:26:53 |

**Learning Outcome**
Learn to validate a program's behavior against its specification using testing practices.

| Title | Tags |
| --- | --- |
| Tools | 213397, 0, 6, 2023-08-29 07:26:55 |

**Learning Outcome**
Use modern software tools including integrated development environments, testing frameworks, debuggers, version control, and documentation processing tools.

## C S 256 - Introduction to Human Computer Interaction

## Course Information

**Teaching Area (new)**
C S

**Course Number**
252

**Teaching Area**
C S

**Course Title**
Introduction to Computational Theory

**Course Description**
Finite state automata, regular languages, lexical analysis; push-down automata, context-free languages, parsing; Turing machines and unrestricted grammars; computability complexity, NP-completeness.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
C S 236 or concurrent enrollment.

**Title**
Understand Paradigms

**Tags**
204297, 3

**Learning Outcome**
Understand the difference between and limitations of paradigms.

**Title**
Decidable and Tractable

**Tags**
204298, 4

**Learning Outcome**
Understand the difference between computable (decidable) and practically computable (tractable).

**Title**
Categorize Problems

**Tags**
204401, 2

**Learning Outcome**
Categorize problems into one of the existing paradigms.

## Course Information

**Course Number**
256

**Teaching Area**
C S

**Course Title**
Introduction to Human Computer Interaction

**Course Description**
Design user experiences with technology that make a meaningful difference in people's lives. Methods to establish user needs, derive designs, assess tradeoffs, and report results. Develop and iterate prototypes with feedback from representative users.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Title**
Meet user needs

**Tags**
213398, 0, 1, 2023-08-29 07:26:58

**Learning Outcome**
Analyze users and their environments for the purpose of designing to meet their needs.

**Title**
Create human-centered designs

**Tags**
213399, 0, 2, 2023-08-29 07:26:59

**Learning Outcome**
Apply an iterative human-centered design cycle to create, develop, and evaluate technology user experiences.

**Title**
Analyze user interfaces

**Tags**
213400, 0, 3, 2023-08-29 07:27:00

**Learning Outcome**
Describe and analyze user interfaces for best-practice user interface approaches, including diverse form factors and accessibility issues.

**Title**
Document user experiences

**Tags**
213401, 0, 4, 2023-08-29 07:27:02

**Learning Outcome**

| Title | Tags |
| --- | --- |
| Solutions to Problems | 204411, 5 |

**Learning Outcome**
Design and justify solutions to problems of decidability and tractability.

| Title | Tags |
| --- | --- |
| Understand Computing Paradigms | 204421, 1 |

**Learning Outcome**
Understand the three computing paradigms (DFAs, PDA, Turing Machine) and their language-based equivalents (regular languages,context-free languages, computable algorithms).

Present and document user experience findings and the results of user experience projects and analysis using technical writing and presentation standards.

## C S 260 - Web Programming

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| C S | 260 |

**Teaching Area**
C S
**Course Title**
Web Programming
**Course Description**
Introduction to web application design and implementation. Both front end and back end development with an emphasis on REST architectures.
**Department**
Computer Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## C S 301R - Topics in Computer Science

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| C S | 301R |

**Teaching Area**
C S
**Course Title**
Topics in Computer Science
**Course Description**
Undergraduate-level topics as announced.
**Department**
Computer Science
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Data gathering | 204489, 2 |

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete at least 1 of the following courses:**

- C S 142 - Introduction to Computer Programming
  **OR** C S 111 - Introduction to Computer Science

**Additional Comments:**

| Title | Tags |
|---|---|
| Web Programming | 210042, 0, 1 |

**Learning Outcome**

Use HTML and CSS to design pages that adhere to web design principles.
Be proficient with JavaScript and several libraries.
Use a framework to build the front end of a creative JavaScript web application that includes login, user input, and communication with a back end using a REST API.
Use Node, Express, and a Mongo database to build the back end of a web application that provides a REST API, including user authentication and basic create/read/update/delete methods.
Use Git to manage and collaborate on code.
Setup a web and database server running on a remote virtual machine running Linux and use command line tools to manage the server.
Register a domain name for your web server.

**Learning Outcome**

Because 301R is an experiment course, data on how well the course accomplished the outcomes will be gathered. This will usually be in the form of surveys, exam scores, and project scores.

| Title | Tags |
|---|---|
| Experimental course | 204496, 1 |

**Learning Outcome**

A 301R course is used by a professor who is teaching an experimental course. Learning outcomes will vary for the course, but these outcomes are evaluated during the vetting process (through the department undergraduate curriculum committee) before the professor is allowed to teach the course. At this level, typical learning outcomes involve computing practice, critical thinking, and more advanced theory.

## C S 312 - Algorithm Design and Analysis

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| C S | 312 |

**Teaching Area**
C S
**Course Title**
Algorithm Design and Analysis
**Course Description**
A study of the design and analysis of algorithms as solutions to problems, including dynamic programming, linear programming, greedy algorithms, divide-and-conquer algorithms, graph algorithms,

## C S 324 - Systems Programming

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| C S | 324 |

**Teaching Area**
C S
**Course Title**
Systems Programming
**Course Description**
Systems programming principles and concepts, including Linux systems programming, multiprocessing, concurrency, exceptional control flow, caching, sockets, protocols, and non-blocking I/O.

and intelligent search algorithms.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 236 - Discrete Structures

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Efficiency | 204498, 3 |

**Learning Outcome**

The student can make the distinction between problems and their algorithmic solutions. Moreover, the student can distinguish between efficient and inefficient solutions and can relate these distinctions to the complexity classes of problems, namely P, NP, and NP-Complete learned earlier in the curriculum (CS 252).

| Title | Tags |
| --- | --- |
| Fundamental Computer Algorithms | 204500, 1 |

**Learning Outcome**
The student understands fundamental computer algorithms that can be organized

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 224 - Introduction to Computer Systems

**Additional Comments:**

algorithms that can be organized in the following algorithmic paradigms: dynamic programming, linear programming, greedy algorithms, divide-and-conquer algorithms, graph algorithms, intelligent search algorithms, and --to a lesser degree-- randomized algorithms. As an algorithmic problem solver, the student can formulate novel or unfamiliar problems in mathematical terms so as to elucidate a given problem's relation to known problems, choose a paradigm for solving the problem, and design an algorithm to solve the problem.

| Title | Tags |
| --- | --- |
| Correctness | 204502, 4 |

**Learning Outcome**
The student can prove the correctness of a subset of the algorithms considered in the course.

| Title | Tags |
| --- | --- |
| Analysis | 204499, 0, 2 |

**Learning Outcome**
The student can analyze algorithms belonging to those algorithmic paradigms for their asymptotic worst-case behavior in terms of time and space. Furthermore, the student can analyze algorithms empirically (under simplifying assumptions) and understands the relationship of empirical analysis to average-case behavior.

| Title | Tags |
| --- | --- |
| Implementation | 204501, 0, 5 |

**Learning Outcome**
The student can independently implement selected algorithms in the context of motivating applications using Python.

## C S 329 - Testing, Analysis, and Verification

**Course Information**

## C S 330 - Concepts of Programming Languages

## Course Information

**Teaching Area (new)**
C S

**Course Number**
329

**Teaching Area**
C S

**Course Title**
Testing, Analysis, and Verification

**Course Description**
Fundamental challenge of software quality through the entire software product life-cycle. Sound engineering principles to ensure and assure quality at each stage of the life-cycle with an emphasis in early stages on testing techniques, dynamic and static program analysis, and formal verification for high assurance systems. Practical application to software artifacts and algorithm implementation connects the course material to real world application in the field.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction

**Additional Comments:**

## Course Information

**Teaching Area (new)**
C S

**Course Number**
330

**Teaching Area**
C S

**Course Title**
Concepts of Programming Languages

**Course Description**
Principles and concepts characterizing high-level computer programming languages, process and data abstration, encapsulation, inheritance, functional programming, logic programming, scanners, and parsers.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- C S 236 - Discrete Structures
  **AND** C S 260 - Web Programming

**Complete ALL of the following Courses:**
- C S 236 - Discrete Structures
  **AND** C S 224 - Introduction to Computer Systems

**Complete ALL of the following Courses:**
- MATH 290 - Fundamentals of Mathematics
  **AND** C S 235 - Data Structures and Algorithms

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Program Language Flexibility | 204299, 2 |

**Learning Outcome**
Be able to write programs using non-imperative language paradigms.

**Title**
Programming Language Familiarity

**Tags**
204435, 0

**Learning Outcome**
Learn the vocabulary of programming language design, syntax, and semantics

## C S 340 - Software Design

### Course Information

**Teaching Area (new)**
C S

**Course Number**
340

**Teaching Area**
C S

**Course Title**
Software Design

**Course Description**
Use design, development, testing and refactoring techniques to build and evolve reliable, maintainable and scalable software systems. Covers a wide range of design patterns and principles. Also introduces students to software architecture and architectural patterns.

**Department**
Computer Science

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## C S 345 - Operating Systems Design

### Course Information

**Teaching Area (new)**
C S

**Course Number**
345

**Teaching Area**
C S

**Course Title**
Operating Systems Design

**Course Description**
Principles and concepts of operating systems design and the implementation of an operating system.

**Department**
Computer Science

**When Taught**
Fall, Winter, Summer

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

Prerequisites

**Complete ALL of the following Courses:**

- C S 240 - Advanced Software Construction
  **AND** C S 260 - Web Programming

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Design Judgement | 204300, 2 |

**Learning Outcome**
Know when and how to apply various design patterns.

| Title | Tags |
| --- | --- |
| Software Design Principles | 204449, 1 |

**Learning Outcome**
Understand the principles of effective software design.

| Title | Tags |
| --- | --- |
| Document and Communicate Designs | 204301, 3 |

**Learning Outcome**
Learn to effectively document and communicate software designs.

| Title | Tags |
| --- | --- |
| Cloud Computing Technologies | 209863, 4 |

**Learning Outcome**
Gain experience implementing software designs using cloud computing technologies.

**Complete ALL of the following Courses:**

- C S 224 - Introduction to Computer Systems
  **AND** C S 240 - Advanced Software Construction

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Operating System Basics | 204305, 1 |

**Learning Outcome**
Describe the basic components of an operating system and their role in implementations for general purpose, real-time, and embedded applications.

| Title | Tags |
| --- | --- |
| Basic Concepts | 204306, 2 |

**Learning Outcome**
Define the concepts of processes, threads, asynchronous signals and competitive system resource allocation.

| Title | Tags |
| --- | --- |
| Shells | 204307, 3 |

**Learning Outcome**
Show how a shell works.

| Title | Tags |
| --- | --- |
| Scheduling Algorithms for Multi-Tasking | 204308, 4 |

**Learning Outcome**
Explain what multi-tasking is and outline standard scheduling algorithms for multi-tasking.

| Title | Tags |
| --- | --- |
| Mutual Exclusion Principles | 204309, 5 |

**Learning Outcome**
Discuss mutual exclusion principles and their use in concurrent programming, including semaphore construction and resource allocation.

| Title | Tags |
| --- | --- |
| System Memory Management | 204310, 6 |

**Learning Outcome**
Give an overview of system memory management.

| Title | Tags |
| --- | --- |
| Implementing File Systems | 204311, 7 |

**Learning Outcome**
Explain how file systems are implemented.

| Title | Tags |
| --- | --- |
| Competing Operating Systems | 204312, 8 |

**Learning Outcome**
Discuss the features and strengths of various contemporary operating systems.

| Title | Tags |
| --- | --- |
| Implement an Operating System | 204313, 9 |

**Learning Outcome**
Implement a functional, pre-emptive, multi-tasking operating system written in C, including a shell, scheduler, file manager, memory manager, and synchronization components.

## C S 355 - Interactive Graphics and Image Processing

### Course Information

**Teaching Area (new)**
C S
**Course Number**
355
**Teaching Area**
C S
**Course Title**
Interactive Graphics and Image Processing
**Course Description**
Introduces basic concepts of computer graphics and image processing. Includes characteristics of physical cameras and displays; color models; basic image processing algorithms: 2D and 3D homogeneous coordinate transformations; fundamentals of 3D rendering geometry; lighting and shading: image warping and texture mapping; and frequency-domain processing.
**Department**
Computer Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

## C S 356 - Advanced Techniques in Human Computer Interaction

### Course Information

**Teaching Area (new)**
C S
**Course Number**
356
**Teaching Area**
C S
**Course Title**
Advanced Techniques in Human Computer Interaction
**Course Description**
This class combines designing the user experience with implementing the technology. Students learn website design, information architecture, and how to design for the broader ecosystem of use. Finally, students will learn principles specifically relevant to website design and information architecture. Web design is one of the most common UX jobs and so this makes their skills highly marketable.
**Department**
Computer Science
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction
  **AND** MATH 213 - Elementary Linear Algebra
  **AND** MATH 215 - Computational Linear Algebra

**Additional Comments:**

| Title | Tags |
|---|---|
| Mathematics and Geometry | 204458, 1 |

**Learning Outcome**
Use and implement the fundamental mathematical concepts underlying these areas, including

Points, vectors, and matrices
Other basic principles of linear algebra
Geometric transformations as matrices
Methods for working with numeric data

| Title | Tags |
|---|---|
| Graphical User Interfaces | 204459, 2 |

**Learning Outcome**
Use and implement concepts of current graphical user interfaces (which you should have seen before), including

Model-view-controller architecture
Event handling

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 256 - Introduction to Human Computer Interaction
- C S 260 - Web Programming

**Additional Comments:**

| Title | Tags |
|---|---|
| Analyze the Context of a Design Problem | 213402, 0, 1, 2023-08-29 07:30:01 |

**Learning Outcome**
Students will learn how to analyze secondary data related to their design problem in order to understand the context in which people are using a given technology. Namely, this class goes beyond just interviewing users and to analyzing multiple sources of data that helps them understand the context in which the users are using the technology. This could include analyzing bug report, comments on social media, Q&A forums, other documentation about the topic, interview transcripts from multiple sets of stakeholders (e.g., users v. non users).

| Title | Tags |
|---|---|
| Design the Different Stakeholders. | 213403, 0, 2, 2023-08-29 07:30:02 |

**Learning Outcome**
Students will be able to apply methods such as Personas to represent multiple stakeholders who are affected by the technology. This will allow them to analyze the characteristics of and segment the target population.

| Title | Tags |
|---|---|

Screen management

| Title | Tags |
| --- | --- |
| 2D Drawing, Viewing, and Selection | 204460, 3 |

**Learning Outcome**
Use and implement the following concepts for 2D drawing, viewing, and selection:

Geometry of simple shapes
2D Transformations
Transformation composition

| Title | Tags |
| --- | --- |
| 3D Rendering Geometry | 204461, 4 |

**Learning Outcome**
Understand and implement the fundamental geometry involved in 3-D perspective rendering, including

Use rendering libraries such as OpenGL to do simple rendering
Implement the geometric transformations used in 3D rendering
Identify basic techniques for shading and their advantages and limitations

| Title | Tags |
| --- | --- |
| Basic Image Processing | 204462, 5 |

**Learning Outcome**
Understand and implement fundamental image processing operations, including

Point operations (brightness, contrast, etc.)
Image-Image operations (differencing, alpha blending, etc.)
Neighborhood operations (noise removal, edge detection, etc.)

| Title | Tags |
| --- | --- |
| Geometric Operations on Images | 204463, 6 |

**Learning Outcome**
Understand and implement image warping using a backwards-mapping approach

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Apply Advanced Design Principles | 213404, 0, 3, 2023-08-29 07:30:04 |

**Learning Outcome**
Understand and apply design patterns and theories of information to the design of an online systerm.

| Title | Tags |
| --- | --- |
| Implement Functional Prototype | 213405, 0, 4, 2023-08-29 07:30:05 |

**Learning Outcome**
Students will be able to specify and implement/create a functional prototype that improves on the user experience of the design problem.

| Title | Tags |
| --- | --- |
| Evaluate Design Improvement | 213406, 0, 5, 2023-08-29 07:30:06 |

**Learning Outcome**
Students will be able to compare different designs to determine which has a better user experience using techniques such as A/B testing. This could be comparing the existing website that they have been analyzing, with a newly proposed/implemented website design for the same organization.

| | |
|---|---|
| Color | 204464, 7 |

**Learning Outcome**
Understandand use the language and principles of common color models

# C S 393 - Advanced Algorithms and Problem Solving

## Course Information

**Teaching Area (new)**
C S

**Course Number**
393

**Teaching Area**
C S

**Course Title**
Advanced Algorithms and Problem Solving

**Course Description**
This course will help students to become better at problem solving, increasing their ability to excel at technical/coding interviews (a challenging part of the hiring/interviewing process). Students will build on the algorithms and problem-solving strategies that they were taught and had limited practice with in CS 312. learning primarily through targeted practice. This will result in (1) strengthened skills in each style of problem-solving strategy and (2) the ability to quickly decide which strategy(ies) to apply to a given problem. Students are expected to spend 6+ hours outside of class each week solving interview-type problems.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- C S 312 - Algorithm Design and Analysis

**Additional Comments:**

**Other Prerequisites**
or instructor consent

# C S 401R - Topics in Computer Science

## Course Information

**Teaching Area (new)**
C S

**Course Number**
401R

**Teaching Area**
C S

**Course Title**
Topics in Computer Science

**Course Description**
Undergraduate level subjects as announced before each semester.

**Department**
Computer Science

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Title**
Special Topics

**Tags**
204436, 0

**Learning Outcome**
Students will learn about a topic in Computer Science not covered in the traditional courses.

# C S 404 - Ethics and Computers in Society

## Course Information

**Teaching Area (new)**
C S

**Course Number**
404

**Teaching Area**
C S

**Course Title**
Ethics and Computers in Society

**Course Description**
Societal impact of computer technology, the computer scientist's place in society, ethical issues. Reading, discussion, and writing seminar.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction
  **AND** WRTG 316 - Technical Communication

**Additional Comments:**

| Title | Tags |
|---|---|
| Ethics | 204314, 2 |

**Learning Outcome**
Analyze, write about, and discuss issues and ethical problems related to computing and the application of evolving technologies in society.

| Title | Tags |
|---|---|

# C S 405 - Creating and Managing a Software Business

## Course Information

**Teaching Area (new)**
C S

**Course Number**
405

**Teaching Area**
C S

**Course Title**
Creating and Managing a Software Business

**Course Description**
Entrepreneurship, idea/opportunity generation, strategic planning, legal organization, product development, marketing/sales, customer support, fund raising, and effective management.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction
  **AND** WRTG 316 - Technical Communication

**Additional Comments:**

| Title | Tags |
|---|---|
| Business Plan | 204317, 1 |

**Learning Outcome**
Students will write a business plan for a company they are proposing.

| Title | Tags |
| --- | --- |
| History of Computing | 204315, 3 |

**Learning Outcome**
Appreciate the history of computing as a means for students to sharpen their sense of their own future.

| Title | Tags |
| --- | --- |
| Continuing Education | 204316, 4 |

**Learning Outcome**
Students will understand the need for continuing education in their careers.

| Title | Tags |
| --- | --- |
| Connections With Gospel | 204416, 1 |

**Learning Outcome**
Articulate connections between the gospel of Jesus Christ and their professional life.

## C S 412 - Linear Programming and Convex Optimization

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| C S | 412 |

**Teaching Area**
C S
**Course Title**
Linear Programming and Convex Optimization
**Course Description**
Optimization, problem formulation, and solution algorithms, including simplex and interior point methods. Applications from control, data mining, finance, game theory, learning, network flow, operations research, and statistical estimation.
**Department**
Computer Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## C S 428 - Software Engineering

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| C S | 428 |

**Teaching Area**
C S
**Course Title**
Software Engineering
**Course Description**
Analysis, design, implementation, and testing of significant software systems.
**Department**
Computer Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra
  **AND** MATH 215 - Computational Linear Algebra

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags |
|---|---|
| Mathematical Foundations | 204318, 1 |

**Learning Outcome**
Develop a fluency in the mathematical foundations needed to pose optimization problems, including an appreciation for the role of convexity in characterizing solvable problems.

| Title | Tags |
|---|---|
| Simplex Method | 204319, 2 |

**Learning Outcome**
Develop a fluency with the Simplex Method as a solution technique to Linear Programming problems. Understand how it exploits the linear nature of the problem to yield good average-case performance while failing to be efficient in the worst-case.

| Title | Tags |
|---|---|
| Sensitivity Analysis | 204320, 4 |

**Learning Outcome**
Be able to characterize how to perturb the data of an existing problem so that its solution remains optimal for the new, perturbed problem.

| Title | Tags |
|---|---|
| Applications | 204396, 5 |

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 340 - Software Design

**Additional Comments:**

| Title | Tags |
|---|---|
| Group Dynamics | 204321, 1 |

**Learning Outcome**
Demonstrate the ability to work in a group on a significant project

| Title | Tags |
|---|---|
| Software Engineering Fundamentals | 204322, 2 |

**Learning Outcome**
Demonstrate practices that result in quality software

| Title | Tags |
|---|---|
| Software Ethics | 204323, 3 |

**Learning Outcome**
Demonstrate an understanding of how ethics impact software development

**Learning Outcome**
Explore the role of Linear and Convex Programming in a variety of applications, including 1) Finance, 2) Game Theory, 3) Regression, and 4) Computer Networking.

| Title | Tags |
| --- | --- |
| Interior Point Methods | 204454, 4 |

**Learning Outcome**
Develop a fluency with interior point methods for solving Linear Programming problems and understand how these solutions may be extended to solve nonlinear, convex optimization problems.

| Title | Tags |
| --- | --- |
| Duality Theory | 204465, 3 |

**Learning Outcome**
Understand the meaning of weak and strong duality and their role in the design and verification of algorithmic solutions to optimization problems.

## C S 431 - Algorithmic Languages and Compilers

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| C S | 431 |

**Teaching Area**
C S
**Course Title**
Algorithmic Languages and Compilers
**Course Description**
Formal description of algorithmic languages and techniques used in their compilation: semantics, ambiguities, procedures, replication, iteration, recursion.
**Department**
Computer Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## C S 450 - Computer Vision

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| C S | 450 |

**Teaching Area**
C S
**Course Title**
Computer Vision
**Course Description**
Introduction to fundamental concepts and algorithms of computer vision, including feature extraction, detection, segmentation, registration, recognition, motion, 3D vision, and image understanding. Applies techniques from image processing, geometry, Bayesian methods, optimization, and machine learning to computer vision problems.
**Department**
Computer Science
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 340 - Software Design

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Write a compiler | 204324, 1 |

**Learning Outcome**
Implement a fully functional compiler for a subset of the Java language that targets an embedded microprocess.

| Title | Tags |
| --- | --- |
| Use interesting data types and algorithms in a large program | 204325, 2 |

**Learning Outcome**
Apply patterns and common data structures to compiler constructrion including tree traversal, graph algorithms, and proof systems.

| Title | Tags |
| --- | --- |
| Apply techniques from compiler construction to other problem | 204326, 3 |

**Learning Outcome**
Students are able to synthesis algorithms and techniques from compiler constructor to other problem domains.

| Title | Tags |
| --- | --- |
| Mental model of compilation | 204327, 4 |

**Learning Outcome**
Students have a sound mental model of how an abstract high

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- C S 312 - Algorithm Design and Analysis

Prerequisites

**Complete ALL of the following Courses:**
- C S 312 - Algorithm Design and Analysis
  **AND** MATH 213 - Elementary Linear Algebra
  **AND** MATH 215 - Computational Linear Algebra

**Additional Comments:**

**Recommended**
Stat 121 or Stat 201

| Title | Tags |
| --- | --- |
| Introduction to Digital Signal and Image Processing | 204474, 1 |

**Learning Outcome**
Understand and apply the following:

Sampling and quantization of image information
Camera properties and the acquisition of images
Mathematics of image-space transformations
Fourier transforms and filtering

level language is systematically transformed into a low-level machine langauge or byte code. Students are able to use that understanding to write better application code.

## C S 452 - Database Modeling Concepts

### Course Information

**Teaching Area (new)**
C S

**Course Number**
452

**Teaching Area**
C S

**Course Title**
Database Modeling Concepts

**Course Description**
Database models: relational, deductive, object-oriented. Integrity constraints, query languages, database design.

**Department**
Computer Science

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Query Languages | 204328, 1 |

**Learning Outcome**

## C S 453 - Fundamentals of Information Retrieval

### Course Information

**Teaching Area (new)**
C S

**Course Number**
453

**Teaching Area**
C S

**Course Title**
Fundamentals of Information Retrieval

**Course Description**
Concepts and terminology of information retrieval (IR) systems. Design methodologies and issues. Fundamental IR models examined: Boolean, Vector Space, Probabilistic models, and evaluation strategies.

**Department**
Computer Science

**When Taught**
Spring Term

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction

**Additional Comments:**

**Title**

Be able to use a variety of commercial query languages (SQL, XQuery, SPARQL), both stand-alone and embeded in high-level programming languages. Know how relational algebra and relational calculus provide a basis for commercial query languages.

| Title | Tags |
| --- | --- |
| Query Optimization | 204329, 2 |

**Learning Outcome**
Understand performance issues and optimization strategies. This includes query rewriting, secondary storage characteristics, and access strategies.

| Title | Tags |
| --- | --- |
| Database Design | 204330, 3 |

**Learning Outcome**
Be able to design and develop relational database applications. This includes conceptual modeling and normalization theory.

| Title | Tags |
| --- | --- |
| Current Challenges | 204331, 4 |

**Learning Outcome**
Be familiar with some of the current challenges facing database professionals.

| Title | Tags |
| --- | --- |
| Understand and evaluate fundamental IR models | 204466, 3 |

**Learning Outcome**

Boolean
Vector Space
Probabilistic

| Title | Tags |
| --- | --- |
| Query Construction | 204469, 5 |

**Learning Outcome**
Represent user's information needs, refine user's queries, and construct query results using snippets and categories

| Title | Tags |
| --- | --- |
| Query Processing | 204470, 4 |

**Learning Outcome**
Extract, parse, index, and classify source information for query processing

| Title | Tags |
| --- | --- |
| Machine Learning | 204471, 6 |

**Learning Outcome**
Categorize, cluster, and filter query results using various supervised and unsupervised learning strategies

| Title | Tags |
| --- | --- |
| Analysis | 204472, 7 |

**Learning Outcome**
Evaluate the effectiveness, efficiency, and cost of performing searches using search engines

## C S 455 - Computer Graphics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| C S | 455 |

**Teaching Area**
C S
**Course Title**
Computer Graphics
**Course Description**
Interactive computer graphics systems programming and architecture.
**Department**

## C S 456 - Mobile and Ubiquitous Human-Computer Interaction

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| C S | 456 |

**Teaching Area**
C S
**Course Title**
Mobile and Ubiquitous Human-Computer Interaction
**Course Description**
Iterative user experience design for mobile and ubiquitous computing

Computer Science
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- C S 355 - Interactive Graphics and Image Processing
  **AND** MATH 213 - Elementary Linear Algebra
  **AND** MATH 215 - Computational Linear Algebra

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Understanding fundamental principles of computer graphics | 204439, 1 |

**Learning Outcome**
Students will be proficient in basic computer graphics algorithms such as modeling, trnasformations and rendering.Students will design and code solutions to several programming problems in graphics using algorithms and data structures.In addition, sututdents will use these techniques to program a large semester project.

with an emphasis on conceptualization and prototyping in specific contexts. Complete an open-ended project from initial design through functional prototype, with design and critique sessions.
**Department**
Computer Science
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 356 - Advanced Techniques in Human Computer Interaction

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Needs analysis | 213407, 0, 1, 2023-08-29 07:30:25 |

**Learning Outcome**
Characterize user needs in a specific context using inductive research methods

| Title | Tags |
| --- | --- |
| Mobile sensors | 213408, 0, 2, 2023-08-29 07:30:26 |

**Learning Outcome**
Implement mobile phone applications that use sensors found in a mobile phone

| Title | Tags |
| --- | --- |
| Screenless applications | 213409, 0, 3, 2023-08-29 07:30:28 |

**Learning Outcome**
Implement screenless applications using small portable computers

computers

| Title | Tags |
| --- | --- |
| Theory | 213410, 0, 4, 2023-08-29 07:30:29 |

**Learning Outcome**
Discuss important issues in mobile and ubiquitous computing in the context of relevant theories.

| Title | Tags |
| --- | --- |
| Evaluation of prototypes | 213411, 0, 5, 2023-08-29 07:30:36 |

**Learning Outcome**
Characterize strengths and weaknesses of an interactive system based on user-centric evaluation.

## C S 460 - Computer Communications and Networking

### Course Information

**Teaching Area (new)**
C S
**Course Number**
460
**Teaching Area**
C S
**Course Title**
Computer Communications and Networking
**Course Description**
Introduction to data communications and computer networking. Communications fundamentals, computer networks, software, architecture, telecommunications, regulation, standards.
**Department**
Computer Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

## C S 462 - Large-Scale Distributed System Design

### Course Information

**Teaching Area (new)**
C S
**Course Number**
462
**Teaching Area**
C S
**Course Title**
Large-Scale Distributed System Design
**Course Description**
Principles and concepts of designing and building distributed systems. Introduction to architectures for distributed computation. Reliability, availability, and scalability of large applications. Cloud computing and APIs.
**Department**
Computer Science
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 324 - Systems Programming

**Additional Comments:**

| Title | Tags |
|---|---|
| Internet Architecture | 204332, 1 |

**Learning Outcome**
Understand the principles of the Internet architecture

| Title | Tags |
|---|---|
| Internet Design | 204333, 2 |

**Learning Outcome**
Understand how the Internet works, from the transport layer down to the physical layer

| Title | Tags |
|---|---|
| Internet Implementation | 204334, 3 |

**Learning Outcome**
Gain hands-on experience with implementing and simulating transport, routing, and MAC protocols, leading to a deeper understanding of these critical Internet components

| Title | Tags |
|---|---|
| Internet Research | 204335, 4 |

**Learning Outcome**
Be capable of reading and understanding research papers in the area of computer networking

| Title | Tags |
|---|---|
| Scholarly Communication | 204336, 5 |

**Learning Outcome**
Demonstrate the ability to effectively conduct, describe and report on an experimental research project in the area of computer networking

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- C S 324 - Systems Programming

Prerequisites

**Complete ALL of the following Courses:**
-

**Additional Comments:**

**Other Prerequisites**
or equivalent experience.
**Note**
Students are allowed 1 repeat of each C S undergraduate course (all 100-, 200-, 300- or 400-level courses). This includes all students who received any grade including those who withdraw (receive a "W" grade) from a C S course. Students must wait 1 semester/term before being allowed to take a course they have failed twice. Petitions for exceptions to the policy can be completed at cs.byu.edu/undergraduate-handbook/retake-policy-cs-courses/.

| Title | Tags |
|---|---|
| Computational Practice | 204507, 1 |

**Learning Outcome**

Students can implement programming projects that display knowledge of a variety of distributed system architectural styles. Some of these assignments represent significant programming projects with wide leeway in design and implementation choices.
Students will analyze problems, determine solutions within an assigned architectural style, and successfully implement those solutions.
Students will design and implement projects both individually and as part of a team.
Students will use cloud-based systems to run and implement assignments
Students will manage a cloud-based Web server and properly configure it.

| Title | Tags |
| --- | --- |
| Computational Theory | 204508, 2 |

**Learning Outcome**

Students will understand the proper use of distributed and decentralized architectures and algorithms including

RESTful APIs
Hierarchical vs heterarchical system architectures
MapReduce
Distributed Hash Tables
Event-driven system
Peer-to-peer architectures including Paxos, gossip protocols, and blockchain

Students will understand theoretical concepts and limitations of distributed systems including

network practicalities such as latency, bandwidth, topology, cost, heterogeneity, security
CAP theorem
distributed transactions
serialization
identity and naming
cryptography
simultaneity

| Title | Tags |
| --- | --- |
| Critical Thinking and Communication | 204509, 3 |

**Learning Outcome**

Students will interact with peers in meaningful discussion, lead discussions in peer groups, prepare written reports, and make oral presentations.

| Title | Tags |
| --- | --- |
| Ethics and Computing | 204510, 4 |

**Learning Outcome**

Students will be presented with societal outcomes of technological choices in distributed and decentralized systems, analyze those outcomes, explore possible alternatives from different choices, and present their findings in small groups.

# C S 465 - Computer Security

## Course Information

**Teaching Area (new)**
C S

**Course Number**
465

**Teaching Area**
C S

**Course Title**
Computer Security

**Course Description**
Introduction to computer security fundamentals: confidentiality, integrity, authentication, and access control. Secret key and public key cryptography, network security protocols, viruses, and fire walls.

**Department**
Computer Science

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 324 - Systems Programming

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment.

| Title | Tags |
|---|---|
| Build a system | 204337, 1 |

**Learning Outcome**
Implement a cryptographic algorithm from a standards specification.

| Title | Tags |
|---|---|
| Break and fix a system | 204338, 2 |

# C S 466 - Blockchain Technologies

## Course Information

**Course Number**
466

**Teaching Area**
C S

**Course Title**
Blockchain Technologies

**Course Description**
Technical underpinnings of blockchain-based systems, including cryptocurrency, smart contracts, decentralized finance (De-Fi), and Web3. Explores which problems are suitable for a blockchain-based solution and discusses arguments in favor and against blockchain systems.

**Department**
Computer Science

**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Untitled Requirement**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- C S 312 - Algorithm Design and Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Implementation | 213412, 0, 1, 2023-08-29 07:30:45 |

**Learning Outcome**
Design and implement a simple blockchain, a Merkle tree, and a proof-of-work algorithm.

| Title | Tags |
|---|---|
| Problem Fit | 213413, 0, 2, 2023-08-29 07:30:47 |

**Learning Outcome**
Given a problem, articulate why it may or may not be a good fit for a blockchain.

| Title | Tags |
|---|---|
| Smart Contract Security | 213414, 0, 3, 2023-08-29 07:30:48 |

| Break and fix a system | 264958, 2 |
|---|---|

**Learning Outcome**
Demonstrate how attackers compromise real-world systems, and then show how to prevent these attacks.

**Learning Outcome**
Understand smart contract security by breaking and fixing Solidity smart contracts

| Title | Tags |
|---|---|
| Trade-offs | 213415, 0, 4, 2023-08-29 07:30:50 |

**Learning Outcome**
Present arguments for and against cryptocurrency systems.
Title

## C S 470 - Introduction to Artificial Intelligence

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| C S | 470 |

**Teaching Area**
C S
**Course Title**
Introduction to Artificial Intelligence
**Course Description**
Introduction to core areas of artifical intelligence; intelligent agents, problem solving and search, knowledge-based systems and inference, planning, uncertainty, learning, and perception.
**Department**
Computer Science
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## C S 471 - Voice User Interfaces

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| C S | 471 |

**Teaching Area**
C S
**Course Title**
Voice User Interfaces
**Course Description**
Methods and development platforms for Voice User Interfaces. Principles of effective design; differences from visual or menu-based interfaces' mechanics of automatic speech recognition, intent detection, slot filling, dialog state tracking, text generation, and knowledge representation.
**Department**
Computer Science
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

No Requirements

**Recommended**
Students should be proficient in basic coding skills and familiar with Python

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- C S 312 - Algorithm Design and Analysis
  **AND** MATH 215 - Computational Linear Algebra
  **AND** STAT 121 - Principles of Statistics

Prerequisites

**Complete ALL of the following Courses:**

- C S 312 - Algorithm Design and Analysis
  **AND** MATH 215 - Computational Linear Algebra
  **AND** STAT 201 - Statistics for Engineers and Scientists

Prerequisites

**Complete ALL of the following Courses:**

- C S 312 - Algorithm Design and Analysis
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Recognize problems that can use AI methods | 204339, 1 |

**Learning Outcome**
from business, medicine, robotics, gaming, and machine learning

| Title | Tags |
| --- | --- |
| Identify the component elements of the problem | 204340, 2 |

**Learning Outcome**
Does it require basic control?
Does it involve uncertain reasoning?
Does it have a simple goal, sophisticated utility, or multiple attributes?
Does it require sequential choice or planning?
How may decision makers are involved?

| Title | Tags |
| --- | --- |
| Formalize the problem in a way that is amenable to a solutio | 204341, 3 |

**Learning Outcome**
What is the internal representation?
What performance criteria are relevant?
What is the nature of the environment?
What are the actuators?
What are the sensors?
What are the agent's utilities?

What are the agent's utilities?
How is uncertainty represented?

**Title**
Be able to analyze, implement, and experiment with several A

**Tags**
204342, 4

**Learning Outcome**
Uninformed, informed, constraint-satisfaction, hill-climbing, and stochastic (e.g., genetic algorithms) search
Markov provesses, Bayes rule, Bayes nets, Hidden Markov Models, Grid Filters, and Kalman Filters
Expected utility theory
Multi-attribute utility theory
Sequential choice under uncertainty: value and policy iteration
Minimax solutions from game theory: alpha-beta pruning

**Title**
Analyze and communicate solution quality

**Tags**
204343, 5

**Learning Outcome**
Determine whether your solution is correct
Express the quality of your solution
Value the need to communicate your solution to others

## C S 472 - Introduction to Machine Learning

### Course Information

**Teaching Area (new)**
C S

**Course Number**
472

**Teaching Area**
C S

**Course Title**
Introduction to Machine Learning

**Course Description**
Machine learning models and other mechanisms allowing computers to learn and find knowledge from data.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**

## C S 474 - Introduction to Deep Learning

### Course Information

**Teaching Area (new)**
C S

**Course Number**
474

**Teaching Area**
C S

**Course Title**
Introduction to Deep Learning

**Course Description**
Theory and practice of modern deep learning and associated software frameworks. A broad look at the field, drawing on material from machine vision, machine translation, dynamical systems, audio processing, neural computing and human perception. Supporting mathematical concepts are also covered, including linear algebra, stochastic optimization, and hardware acceleration.

**Department**
Computer Science

**When Taught**
Fall

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- C S 312 - Algorithm Design and Analysis
  **AND** MATH 215 - Computational Linear Algebra
  **AND** STAT 121 - Principles of Statistics

Prerequisites

**Complete ALL of the following Courses:**
- C S 312 - Algorithm Design and Analysis
  **AND** MATH 215 - Computational Linear Algebra
  **AND** STAT 201 - Statistics for Engineers and Scientists

Prerequisites

**Complete ALL of the following Courses:**
- C S 312 - Algorithm Design and Analysis
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

| Title | Tags |
|---|---|
| Recognize | 204344, 2 |

Learning Outcome
You will be able to recognize when machine learning and data mining tools are applicable.

| Title | Tags |
|---|---|
| Execute | 204511, 3 |

Learning Outcome
You will be able to plan and execute successful machine learning and data mining projects, including selecting an adequate process for your specific task and avoiding the main machine learning pitfalls

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- C S 312 - Algorithm Design and Analysis

Prerequisites

**Complete ALL of the following Courses:**
- C S 312 - Algorithm Design and Analysis
  **AND** MATH 213 - Elementary Linear Algebra
  **AND** MATH 215 - Computational Linear Algebra

**Additional Comments:**

main machine learning pitfalls.

Title
Use Effective Machine Learning Techniques

Tags
204512, 1

Learning Outcome
You will learn the basic theory and models used in machine learning

## C S 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
C S

**Course Number**
477R

**Teaching Area**
C S

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
Computer Science

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Sc Ed 477R or minor area equivalent; admittance to teaching area; FBI fingerprint background clearance.

## C S 479 - Introduction to Machine Translation

### Course Information

**Course Number**
479

**Teaching Area**
C S

**Course Title**
Introduction to Machine Translation

**Course Description**
Evolution of machine translation technologies and algorithms, with a foundation in basic algorithms, human-machine interaction, automatic adaptation, statistical and neural models, multilingual models, multimodal models, quality evaluation and estimation, and speech-to-speech translation.

**Department**
Computer Science

**When Taught**
Fall

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Untitled Requirement**

**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction

**Additional Comments:**

Title
MT Technology Evolution

Tags
213416, 0, 1, 2023-08-29 07:30:54

Learning Outcome
Students will understand how

Students will understand how the challenges of producing quality translations have been addressed by past and present technologies

| Title | Tags |
| --- | --- |
| Building blocks of MT Technology | 213417, 0, 2, 2023-08-29 07:30:56 |

**Learning Outcome**
Students will be able to prepare data to be used to train MT systems, apply and interpret quality metrics to MT output, and implement basic MT-related algorithms

| Title | Tags |
| --- | --- |
| MT Tools and Platforms | 213418, 0, 3, 2023-08-29 07:30:57 |

**Learning Outcome**
Students will be able to identify and use available platforms and tools to create MT systems for selected languages

| Title | Tags |
| --- | --- |
| MT Applications | 213419, 0, 4, 2023-08-29 07:30:59 |

**Learning Outcome**
Students will be able to create and incorporate MT systems and/or MT-related functionality in a selected scenario or application

| Title | Tags |
| --- | --- |
| Advanced MT algorithms | 213420, 0, 5, 2023-08-29 07:31:00 |

**Learning Outcome**
Students will become familiar with and be able to implement and use basic versions of certain more advanced MT algorithms used in current MT research

## C S 480 - Software Engineering Capstone 1

### Course Information

**Teaching Area (new)**
C S

**Course Number**
480

**Teaching Area**
C S

**Course Title**
Software Engineering Capstone 1

**Course Description**
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project.\n

**Department**
Computer Science

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 329 - Testing, Analysis, and Verification
  **AND** C S 340 - Software Design

**Additional Comments:**

**Other Prerequisites**
Minimum 3.0 CS GPA or instructor's consent.

## C S 481 - Software Engineering Capstone 2

### Course Information

**Teaching Area (new)**
C S

**Course Number**
481

**Teaching Area**
C S

**Course Title**
Software Engineering Capstone 2

**Course Description**
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project.

**Department**
Computer Science

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 480 - Software Engineering Capstone 1

**Additional Comments:**

**Other Prerequisites**
Minimum 3.0 CS GPA or instructor's consent.

## C S 482 - Data Science Capstone 1

### Course Information

**Teaching Area (new)**
C S

**Course Number**
482

**Teaching Area**
C S

**Course Title**
Data Science Capstone 1

**Course Description**
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project.

**Department**
Computer Science

**When Taught**
Fall

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction
  **AND** C S 312 - Algorithm Design and Analysis

**Additional Comments:**

**Other Prerequisites**
Minimum 3.0 CS GPA or instructor's consent.

## C S 483 - Data Science Capstone 2

### Course Information

**Teaching Area (new)**
C S

**Course Number**
483

**Teaching Area**
C S

**Course Title**
Data Science Capstone 2

**Course Description**
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project.

**Department**
Computer Science

**When Taught**
Winter

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 482 - Data Science Capstone 1

**Additional Comments:**

**Other Prerequisites**
Minimum 3.0 CS GPA or instructor's consent.

## C S 486 - Verification and Validation

### Course Information

**Teaching Area (new)**
C S

**Course Number**
486

**Teaching Area**

## C S 493R - Computing Competitions

### Course Information

**Teaching Area (new)**
C S

**Course Number**
493R

**Teaching Area**

C S
**Course Title**
Verification and Validation
**Course Description**
Foundational topics in verification and validation; the application of logic to building correct systems. Covers logics to formally specify properties of systems, verifications of basic systems, and advanced topics in formal verification for complex systems.
**Department**
Computer Science
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 312 - Algorithm Design and Analysis

**Additional Comments:**

**Title**
Formally reason about concurrent systems and executions

**Tags**
204353, 1

**Learning Outcome**
Formally reason about concurrent systems and executions

**Title**
Define correctness in concurrent systems

**Tags**
204354, 2

**Learning Outcome**
Define basic correctness principles of concurrent systems

C S
**Course Title**
Computing Competitions
**Course Description**
Students work in teams to prepare for and compete in computer science competitions in areas such as programming, data science, and ethical hacking.
**Department**
Computer Science
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction

**Additional Comments:**

**Other Prerequisites**
Minimum 3.0 C S GPA or instructor's consent.

including deadlock, live-lock, safety, and general liveness.

**Title**
Analyze concurrent objects for correctness

**Tags**
204355, 3

**Learning Outcome**
Use tools to analyze concurrent objects for correctness and performance

**Title**
Learn best-practices for spin locks and monitors

**Tags**
204356, 4

**Learning Outcome**
Learn best-practices for spin locks and monitors

**Title**
Discuss wait-free versus lock-free implementations

**Tags**
204357, 5

**Learning Outcome**
Compare and contrast wait-free and lock-free properties in concurrent objects

**Title**
Understand and use concurrent data structures

**Tags**
204358, 6

**Learning Outcome**
Understand and use concurrent data structures

**Title**
Correctly use barriers and fences

**Tags**
204359, 7

**Learning Outcome**
Correctly use barriers and fences

**Title**
Have working knowledge of tools and techniques for testing c

**Tags**
204360, 8

**Learning Outcome**
Have working knowledge of tools and techniques for testing concurrent programs

**Title**
Be familiar to libraries to support concurrent programming i

**Tags**
204361, 9

**Learning Outcome**
Be familiar to libraries to support concurrent programming in C, C , C#, and Java

**Title**
Describe future trends in multi-processor programming

**Tags**
204362, 10

**Learning Outcome**
Describe future trends in multi-processor programming

## C S 494 - Capstone 1

### Course Information

**Teaching Area (new)**
C S

**Course Number**
494

**Teaching Area**
C S

**Course Title**
Capstone 1

**Course Description**
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, test, and demonstrate a major project.

**Department**
Computer Science

**When Taught**
Fall

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction

**Additional Comments:**

**Other Prerequisites**
Minimum 3.0 CS GPA or instructor's consent.

## C S 495 - Capstone 2

### Course Information

**Teaching Area (new)**
C S

**Course Number**
495

**Teaching Area**
C S

**Course Title**
Capstone 2

**Course Description**
The second semester of a culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, test, and demonstrate a major project.

**Department**
Computer Science

**When Taught**
Winter

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction

**Additional Comments:**

**Other Prerequisites**
Minimum 3.0 CS GPA or instructor's consent.

## C S 497R - Undergraduate Research

### Course Information

**Teaching Area (new)**
C S

**Course Number**
497R

**Teaching Area**
C S

## C S 498R - Undergraduate Special Projects

### Course Information

**Teaching Area (new)**
C S

**Course Number**
498R

**Teaching Area**
C S

**Course Title**
Undergraduate Research
**Course Description**
Students receive course credit for doing undergraduate research under the supervision of a faculty mentor.
**Department**
Computer Science
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Students must turn in signed research agreement at least 1 business day before add/drop deadline in order to receive permission-to-add code. Research agreement form can be found at http://cs.byu.edu or in the CS Department office.

**Course Title**
Undergraduate Special Projects
**Course Description**
Students identify an interesting problem in computer science and solve it with the aid of faculty members.
**Department**
Computer Science
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- C S 240 - Advanced Software Construction

**Additional Comments:**

**Note**
If taken for less than 3 credits this course may not count as a CS elective. See approval form on the CS Department web site at https://cs.byu.edu/. Project proposals must be submitted by the last day of class of the prior semester or term. Students are allowed 1 repeat of each CS undergraduate course (all 100-, 200-, 300- or 400-level courses). This includes all students who received any grade including those who withdraw (receive a "W" grade) from a CS course. Students must wait 1 semester/term before being allowed to take a course they have failed twice. Petitions for exceptions to the policy can be completed at cs.byu.edu/undergraduate-handbook/retake-policy-cs-courses/.

| Title | Tags |
|---|---|
| Capstone Experience in a Special Topic | 204495, 1 |

**Learning Outcome**
Students will propose, execute, and report a capstone project in an area that they choose in consultation with a professor. Each project is approved by the Undergraduate Curriculum Committee.

## C S 500 - (C S-Chem-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

### Course Information

## C S 501R - Advanced Topics in Computer Science

### Course Information

**Teaching Area (new)** **Course Number**

**Teaching Area (new)**
C S

**Course Number**
500

**Teaching Area**
C S

**Course Title**
(C S-Chem-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

**Course Description**
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.

**Department**
Computer Science

**When Taught**
Winter

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Title**
Project Management

**Tags**
204391, 0

**Learning Outcome**
Learn the basics of project management and understand why this is important to business success

**Title**
Business Presentations and Writing

**Tags**
204409, 3

**Learning Outcome**
Learn the basics of effective business presentations and writing

**Title**
Technology Readiness

**Tags**
204426, 2

**Learning Outcome**
Understand the different levels of technology readiness and the process of moving a project

C S

501R

**Teaching Area**
C S

**Course Title**
Advanced Topics in Computer Science

**Course Description**
Advanced undergraduate- and graduate-level subjects as announced before each semester.

**Department**
Computer Science

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Title**
Advanced topic in Computer Science

**Tags**
204352, 1

**Learning Outcome**
Students will learn a topic in Computer Science not covered by the regular curriculum.

through these levels to completion

## C S 502 - Job Search Strategies

### Course Information

**Teaching Area (new)**
C S

**Course Number**
502

**Teaching Area**
C S

**Course Title**
Job Search Strategies

**Course Description**
Course will assist graduating students in identifying and connecting to potential employers.

**Department**
Computer Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

## C S 513 - Robust Control

### Course Information

**Teaching Area (new)**
C S

**Course Number**
513

**Teaching Area**
C S

**Course Title**
Robust Control

**Course Description**
Introduction to the analysis and design of feedback systems guaranteed to perform well in spite of model uncertainty.

**Department**
Computer Science

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 213 - Elementary Linear Algebra
  **AND** MATH 215 - Computational Linear Algebra

**Additional Comments:**

**Recommended**
C S 312 and 412; Math 334; or equivalents

| Title | Tags |
| --- | --- |
| LMIs | 204404, 4 |

**Learning Outcome**
Understand Linear Matrix

Understand Linear Matrix Inequalities and their role in various identification and control problems.

| Title | Tags |
| --- | --- |
| Systems Concepts | 204477, 0 |

**Learning Outcome**
Understand system concepts of stability, controllability, observability, minimality, behavior, and structure.

| Title | Tags |
| --- | --- |
| Representation | 204478, 1 |

**Learning Outcome**
Understand various mathematical representations of systems.

| Title | Tags |
| --- | --- |
| Four Basic Problems | 204479, 2 |

**Learning Outcome**
Understand the four basic problems: Model Reduction (i.e. Approximation), System Identification (i.e. Learning), Control (i.e. Decision Making), and Verification/Validation, and how they impact each other.

| Title | Tags |
| --- | --- |
| Hankel Singular Values | 204480, 3 |

**Learning Outcome**
Understand Hankel singular values and their role in balanced truncation as an approximation to optimal model reduction.

| Title | Tags |
| --- | --- |
| Small Gain | 204481, 5 |

**Learning Outcome**
Understand the role of the Small Gain Theorem and Passivity in providing guarantees of algorithm correctness in spite of model uncertainty.

## C S 575 - Introduction to Network Science with Applications

## C S 580 - Theory of Predictive Modeling

With Applications

## Course Information

**Course Number**
575
**Teaching Area**
C S
**Course Title**
Introduction to Network Science with Applications
**Course Description**
Introduction to current topics in network science including network formation models, information flow over networks, and key network properties.
**Department**
Computer Science
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

No Requirements

**Other Prerequisites**
Linear Algebra

| Tags | Learning Outcome |
|---|---|
| 213421, 0, 1, 2023-08-29 07:32:13 | Students will be able to implement and use Barabasi-Albert, Watts-Strogatz, Erdos-Renyi, and affiliation network-based algorithms. |

| Tags | Learning Outcome |
|---|---|
| 213422, 0, 2, 2023-08-29 07:32:16 | Students will be able to implement and use graph theory concepts applicable to networks: adjacency matrix, adjacency matrix, adjacency lists, graph Laplacian, algebraic connectivity, spectral graph properties. |

| Tags | Learning Outcome |
|---|---|
| 213423, 0, 3, 2023-08-29 07:32:18 | Students will implement and understand how information and disease spread/diffuse over a network: simple contagion and complex contagion/diffusion of innovations. |

Learning Outcome

## Course Information

**Teaching Area (new)**
C S
**Course Number**
580
**Teaching Area**
C S
**Course Title**
Theory of Predictive Modeling
**Course Description**
Mathematical, computational, and philosophical foundations of machine learning, control, and physical modeling. Introduction to system identification, causality, uncertainty, model approximation, and information geometry.
**Department**
Computer Science
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 213 - Elementary Linear Algebra
  **AND** MATH 215 - Computational Linear Algebra

**Additional Comments:**

Learning Outcome
Students will apply graph metrics to understand diffusion dynamics: clustering, density, diameter, algebraic connectivity, degree distribution, distance, modularity, assortativity.

Tags
213424, 0, 4, 2023-08-29 07:32:19

Learning Outcome
Students will be able to implement agent-based models over networks.

Tags
213425, 0, 5, 2023-08-29 07:32:21

Learning Outcome
Students will be able to mitigate/promote network effects by identifying communities, removing edges, adding edges, choosing early adopters.

Tags
213426, 0, 6, 2023-08-29 07:32:22

## CAKCQ 100 - Language Study: Cakchiquel

### Course Information

Teaching Area (new)
CAKCQ
Course Number
100
Teaching Area
CAKCQ
Course Title
Language Study: Cakchiquel
Course Description
Survival-level conversation, reading, listening, and culture skills in Cakchiquel.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
2
Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

## CAKCQ 101 - First-Year Language Study: Cakchiquel

### Course Information

Teaching Area (new)
CAKCQ
Course Number
101
Teaching Area
CAKCQ
Course Title
First-Year Language Study: Cakchiquel
Course Description
Beginning speaking, listening, reading, and writing skills in Cakchiquel.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
4
Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

0

Note
Survival-level conversation, reading, listening, and culture skills in the target language.

| Title | Tags |
| --- | --- |
| Speaking | 195499, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 195500, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196650, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 196658, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196659, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196660, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196661, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## CAKCQ 102 - First-Year Language Study: Cakchiquel

### Course Information

Teaching Area (new)
CAKCQ
Course Number
102
Teaching Area
CAKCQ
Course Title
First-Year Language Study: Cakchiquel
Course Description
Second-semester speaking, listening, reading, and writing skills in Cakchiquel.
Department
Language Studies
When Taught
Contact Department

## CAKCQ 201 - Second-Year Language Study: Cakchiquel

### Course Information

Teaching Area (new)
CAKCQ
Course Number
201
Teaching Area
CAKCQ
Course Title
Second-Year Language Study: Cakchiquel
Course Description
Intermediate speaking, listening, reading, and writing skills in Cakchiquel.
Department
Language Studies
When Taught
Contact Department

Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CAKCQ 101 - First-Year Language Study: Cakchiquel

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Comprehension | 196663, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196665, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196667, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CAKCQ 102 - First-Year Language Study: Cakchiquel

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Elaboration | 196676, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
| --- | --- |
| Vocabulary | 196677, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 196683, 3 |

**Learning Outcome**
Review and increase understanding of basic language

| Title | Tags |
| --- | --- |
| Culture | 196670, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

structures.

| Title | Tags |
| --- | --- |
| Culture | 196686, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## CAKCQ 202 - Second-Year Language Study: Cakchiquel

### Course Information

**Teaching Area (new)**
CAKCQ
**Course Number**
202
**Teaching Area**
CAKCQ
**Course Title**
Second-Year Language Study: Cakchiquel
**Course Description**
Continued emphasis on Cakchiquel communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
4
**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CAKCQ 201 - Second-Year Language Study: Cakchiquel

## CAKCQ 305 - Language Skills Development: Cakchiquel

### Course Information

**Teaching Area (new)**
CAKCQ
**Course Number**
305
**Teaching Area**
CAKCQ
**Course Title**
Language Skills Development: Cakchiquel
**Course Description**
Increasing proficiency in one or more of the following Cakchiquel language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1
**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 196711, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 196713, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196693, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196694, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196695, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196697, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196715, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

# CAKCQ 321 - Advanced Grammar: Cakchiquel

## Course Information

**Teaching Area (new)**
CAKCQ

**Course Number**
321

**Teaching Area**
CAKCQ

**Course Title**
Advanced Grammar: Cakchiquel

**Course Description**
Systematic review of grammar and syntax of Cakchiquel.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CAKCQ 202 - Second-Year Language Study: Cakchiquel

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Analyze

**Tags**
196802, 1

**Learning Outcome**
Analyze target language morphology and syntax.

**Title**
Apply

**Tags**
196803, 2

**Learning Outcome**

# CAKCQ 330 - Advanced Language Proficiency Through Cultural Studies: Cakchiquel

## Course Information

**Teaching Area (new)**
CAKCQ

**Course Number**
330

**Teaching Area**
CAKCQ

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Cakchiquel

**Course Description**
Study of Cakchiquel culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Cakcq 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

**Title**
Communication Skills

**Tags**
196724, 1

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

**Title**
Comprehension

**Tags**
196725, 2

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend

Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196804, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196727, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196728, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## CAKCQ 340 - Introduction to Literature: Cakchiquel

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CAKCQ | 340 |

**Teaching Area**
CAKCQ
**Course Title**
Introduction to Literature: Cakchiquel
**Course Description**
Advanced study of Cakchiquel literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## CAKCQ 350 - Advanced Language Study for Career Purposes: Cakchiquel

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CAKCQ | 350 |

**Teaching Area**
CAKCQ
**Course Title**
Advanced Language Study for Career Purposes: Cakchiquel
**Course Description**
Concentration on Cakchiquel language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CAKCQ 330 - Advanced Language Proficiency Through Cultural Studies: Cakchiquel

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196729, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196733, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196735, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196737, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CAKCQ 330 - Advanced Language Proficiency Through Cultural Studies: Cakchiquel

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196739, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 196741, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 196742, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 196743, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to

function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196744, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## CANT 101 - First-Year Cantonese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CANT | 101 |

**Teaching Area**
CANT
**Course Title**
First-Year Cantonese
**Course Description**
Basic language skills.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Chinese Culture and Communication | 189623, 0 |

## CANT 102 - First-Year Cantonese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CANT | 102 |

**Teaching Area**
CANT
**Course Title**
First-Year Cantonese
**Course Description**
Basic language skills.
**Department**
Asian & Near Eastern Lang
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speak and Understand Cantonese | 189620, 0 |

Learning Outcome
Demonstrate a basic understanding of a variety of Chinese cultural practices and communicative conventions. (See Chinese major learning outcome 3)

Title
Writing Short Paragraphs, Notes, and Similar Texts

Tags
189627, 0

Learning Outcome
Write short paragraphs, notes, and similar texts in standard Chinese at the ACTFL novice low level. (See Chinese major learning outcome 2)

Title
Listening to Conversations, Dialogs, and Live Interaction

Tags
189633, 0

Learning Outcome
Listen to conversations, dialogs, and live interaction in Cantonese at the ACTFL novice mid level. (See Chinese major learning outcome 1)

Title
Speaking and Understanding Cantonese

Tags
189649, 0

Learning Outcome
Speak and understand Cantonese at the ACTFL novice mid level. (See Chinese major learning outcome 1)

Learning Outcome
Speak and understand Cantonese at the ACTFL novice high level. (See Chinese major learning outcome 1)

Title
Writing in Standard Chinese

Tags
189624, 0

Learning Outcome
Write short paragraphs, notes, and similar texts in Standard Chinese at the ACTFL novice mid level. (See Chinese major learning outcome 2)

Title
Listening to Conversations, Dialogs, and Live Interaction

Tags
189635, 0

Learning Outcome
Listen to conversations, dialogs, and live interaction in Cantonese at the ACTFL novice high level. (See Chinese major learning outcome 1)

Title
Chinese Culture and Communicative Conventions

Tags
189645, 0

Learning Outcome
Demonstrate a basic understanding of a variety of Chinese cultural practices communicative conventions. (See Chinese major learning outcome 3)

## CANT 201 - Second-Year Cantonese

### Course Information

**Teaching Area (new)**
CANT

**Course Number**
201

**Teaching Area**
CANT

**Course Title**
Second-Year Cantonese

**Course Description**
Grammatical patterns and vocabulary of spoken and written Cantonese.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

## CANT 202 - Second-Year Cantonese

### Course Information

**Teaching Area (new)**
CANT

**Course Number**
202

**Teaching Area**
CANT

**Course Title**
Second-Year Cantonese

**Course Description**
Intermediate to advanced skills in reading, writing, listening, and speaking.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
0

Other Prerequisites
Cant 102 or foreign residence experience

Title
Speak and Understand Cantonese

Tags
189613, 0

Learning Outcome
Speak and understand Cantonese at the ACTFL intermediate low level. (See Chinese major learning outcome 1)

Title
Understand Chinese Cultural Practices

Tags
189615, 0

Learning Outcome
Demonstrate an introductory level understanding of a variety of Chinese cultural practices. (See Chinese major learning outcome 3)

Title
Listen to Converstations and Dialogs

Tags
189639, 0

Learning Outcome
Listen to conversations and dialogs in Cantonese at the ACTFL intermediate low level. (See Chinese major learning outcome 1)

Title
Write Short Essays, Journal Entries and Notes

Tags
189652, 0

Learning Outcome

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
0

Other Prerequisites
Cant 201 or or equivalent (Returning missionaries and others with equivalent experience, please contact the class instructor for 'Registration Permission-to-add Codes').

Title
Speaking and Understanding Cantonese

Tags
189636, 1

Learning Outcome
Speak and understand Cantonese at the ACTFL intermediate mid level. (See Chinese major learning outcome 1)

Title
Listening to Conversations and Dialogs

Tags
189651, 4

Learning Outcome
Listen to conversations and dialogs in Cantonese at the ACTFL intermediate mid level. (See Chinese major learning outcome 1)

Title
Write Short Essays, Journal Entries, and Notes

Tags
191513, 6

Learning Outcome
Write short essays, journal entries, and notes in standard Chinese at the ACTFL novice high level. (See Chinese major learning outcome 2)

Title
Understanding Chinese Social

Tags

Learning Outcome
Write short essays, journal entries, and notes in standard Cantonese at the ACTFL novice high level. (See Chinese major learning outcome 2)

Practices 191514, 8

Learning Outcome
Demonstrate a fundamental understanding of Chinese social practices as well as linguistically and culturally appropriate behavior. (See Chinese major learning outcome 3)

## CANT 211R - Second-Year Conversation

### Course Information

**Teaching Area (new)** CANT
**Course Number** 211R
**Teaching Area** CANT
**Course Title** Second-Year Conversation
**Course Description** Intermediate listening comprehension and speaking skills.
**Department** Asian & Near Eastern Lang
**When Taught** Winter

#### Credit Hours

Min 2
Fixed 2

#### Lecture Hours

Fixed 2

#### Lab Hours

Fixed 0

**Other Prerequisites** Cant 201 or foreign residence experience

| Title | Tags |
|---|---|
| Knowledge | 189667, 1 |

Learning Outcome
Students will demonstrate knowledge in conversation.

## CATLN 100 - Language Study: Catalan

### Course Information

**Teaching Area (new)** CATLN
**Course Number** 100
**Teaching Area** CATLN
**Course Title** Language Study: Catalan
**Course Description** Survival-level conversation, reading, listening, and culture skills in Catalan.
**Department** Language Studies
**When Taught** Contact Department

#### Credit Hours

Min 2
Fixed 2

#### Lecture Hours

Fixed 2

#### Lab Hours

Fixed 0

| Title | Tags |
|---|---|
| Speaking | 196780, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 196781, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196782, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## CATLN 101 - First-Year Language Study: Catalan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CATLN | 101 |

**Teaching Area**
CATLN
**Course Title**
First-Year Language Study: Catalan
**Course Description**
Beginning speaking, listening, reading, and writing skills in Catalan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 196783, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

## CATLN 102 - First-Year Language Study: Catalan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CATLN | 102 |

**Teaching Area**
CATLN
**Course Title**
First-Year Language Study: Catalan
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Catalan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

| Title | Tags |
| --- | --- |
| Speaking | 196784, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196785, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196786, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Complete ALL of the following Courses:**

- CATLN 101 - First-Year Language Study: Catalan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 196787, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196788, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196789, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196790, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## CATLN 201 - Second-Year Language Study: Catalan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CATLN | 201 |

**Teaching Area**
CATLN
**Course Title**
Second-Year Language Study: Catalan
**Course Description**
Intermediate speaking, listening, reading, and writing skills in

## CATLN 202 - Second-Year Language Study: Catalan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CATLN | 202 |

**Teaching Area**
CATLN
**Course Title**
Second-Year Language Study: Catalan
**Course Description**
Continued emphasis on Catalan communication skills, vocabulary

Catalan.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CATLN 102 - First-Year Language Study: Catalan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196791, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196792, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|

building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CATLN 201 - Second-Year Language Study: Catalan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196795, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196796, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and

| Grammar | 196793, 3 |
|---|---|

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196794, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196797, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196798, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## CATLN 305 - Language Skills Development: Catalan

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CATLN | 305 |

**Teaching Area**
CATLN
**Course Title**
Language Skills Development: Catalan
**Course Description**
Increasing proficiency in one or more of the following Catalan language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent

## CATLN 321 - Advanced Grammar: Catalan

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CATLN | 321 |

**Teaching Area**
CATLN
**Course Title**
Advanced Grammar: Catalan
**Course Description**
Systematic review of grammar and syntax of Catalan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 196799, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 196800, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196801, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CATLN 202 - Second-Year Language Study: Catalan

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 196805, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 196806, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196807, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## CATLN 330 - Advanced Language Proficiency Through Cultural Studies: Catalan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CATLN | 330 |

Teaching Area
CATLN

## CATLN 340 - Introduction to Literature: Catalan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CATLN | 340 |

Teaching Area
CATLN
Course Title

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Catalan
**Course Description**
Study of Catalan culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Catln 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196808, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196809, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196810, 3 |

Introduction to Literature: Catalan
**Course Description**
Advanced study of Catalan literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CATLN 330 - Advanced Language Proficiency Through Cultural Studies: Catalan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196812, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196813, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196813, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196811, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

| Title | Tags |
| --- | --- |
| Context | 196814, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context

| Title | Tags |
| --- | --- |
| Language Skills | 196815, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## CATLN 350 - Advanced Language Study for Career Purposes: Catalan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CATLN | 350 |

**Teaching Area**
CATLN
**Course Title**
Advanced Language Study for Career Purposes: Catalan
**Course Description**
Concentration on Catalan language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## CCE 101 - Introduction to Civil and Construction Engineering

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CCE | 101 |

**Teaching Area**
CCE
**Course Title**
Introduction to Civil and Construction Engineering
**Course Description**
Introduction to Civil Engineering, Construction Management, and Facility and Property Management, including careers in the professions and courses and curriculum of the majors. Freshman projects and teamwork.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CATLN 330 - Advanced Language Proficiency Through Cultural Studies: Catalan

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 196816, 1 |

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196817, 2 |

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196818, 3 |

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196819, 4 |

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

## Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Cultural Competence | 196820, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## CCE 102 - Sustainable Infrastructure

### Course Information

**Teaching Area (new)**
CCE
**Course Number**
102
**Teaching Area**
CCE
**Course Title**
Sustainable Infrastructure
**Course Description**
Sustainability in built environments and infrastructure with a focus on global challenges and solutions.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Learning Outcome |
| --- | --- |
| Infrastructure and Society | Describe how civil infrastructure and the built environment can foster (or inhibit) a sustainable society, including efforts to achieve United Nations Sustainable Development Goals. |

| | Learning Outcome |
| --- | --- |
| | Apply decision frameworks to |

## CCE 103 - Engineering Mechanics--Statics.

### Course Information

**Teaching Area (new)**
CCE
**Course Number**
103
**Teaching Area**
CCE
**Course Title**
Engineering Mechanics--Statics.
**Course Description**
Concepts of mechanics: force systems in equilibrium, resultants, friction, centroids, utilization of vector algebra, simple trusses, shear and bending moment diagrams, moments of inertia.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 112 - Calculus 1

**Additional Comments:**

| Title | |
|---|---|
| Project Decision Frameworks | evaluate projects from a life-cycle perspective, considering trade-offs and impacts of the built environment on society and the natural world. |

| Title | Learning Outcome |
|---|---|
| Engineering Economics | Apply the principle of time value of money to identify financially sustainable infrastructure investment decisions. |

| Title | Learning Outcome |
|---|---|
| Ethical Stewardship | Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts. (CE / ABET Student Outcome 4) |

| Title | Learning Outcome |
|---|---|
| Teamwork | Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives. (CE / ABET Student Outcome 5) |

## CCE 112 - Engineering Drafting

### Course Information

**Teaching Area (new)**
CCE
**Course Number**
112
**Teaching Area**
CCE
**Course Title**
Engineering Drafting
**Course Description**
Structural and component drafting, emphasizing computer-automated (CAD) systems. Concepts include applied and descriptive geometry, multiview representation, sectional views, dimensional practices, and axonometric sketching.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

## CCE 113 - Construction Modeling

### Course Information

**Teaching Area (new)**
CCE
**Course Number**
113
**Teaching Area**
CCE
**Course Title**
Construction Modeling
**Course Description**
Developing architectural plans using Building Information Modeling; floor, foundation, plot, elevations, sections, and details. Renderings and other advanced modeling techniques.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| | |
|---|---|
| Title<br>Software Acquisition and Installation | Learning Outcome<br>Understand and explain software licensing models and how to obtain and install software. |
| Title<br>File Management | Learning Outcome<br>Demonstrate an ability to download technical files from web-based repositories, store the files onto local and shared computing networks, and open and edit files in engineering software. |
| Title<br>Technical Documentation | Learning Outcome<br>Demonstrate an ability to obtain useful guidance from software documentation and online help forums, including appropriate use of generative AI. |
| Title<br>Design | Learning Outcome<br>Perform engineering design or analysis using software. |
| Title<br>Engineering Visualization | Learning Outcome<br>Produce a visualization that communicates the results of an engineering design or analysis. (CE / ABET Outcome 3) |
| Title<br>Fundamental drafting concepts | Learning Outcome<br>Represent 3D geometry in 2D using plan views, section views, and elevation views. Understand use of plan sets for construction bid documents. |

3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

Note
Fee.

| Title | Learning Outcome |
| --- | --- |
| 2D Drafting using AutoCAD | Draw, edit, and visualize objects using AutoCAD. Create annotations and titles and prepare visualizations for printing. |

| Title | Learning Outcome |
| --- | --- |
| 3D Design using AutoCAD Civil 3D | Draw, edit, and visualize objects using Civil 3D. Use styles and settings to display information. |

| Title | Learning Outcome |
| --- | --- |
| 3D Modeling and 2D Plan Production using Revit | Draw, edit, and visualize objects using Revit. Create and modify schedules and create sheets and place views on sheets. |

## CCE 114 - Geomatics

### Course Information

**Teaching Area (new)**
CCE

**Course Number**
114

**Teaching Area**
CCE

**Course Title**
Geomatics

**Course Description**
“Use of surveying and GPS measurements, earth observations, and online databases within geographic information system (GIS) software to organize, visualize, and analyze geospatial data used in civil, environmental, and construction engineering problems and projects.”

**Department**
Civil & Construction Engr

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

## CCE 120 - Surveying

### Course Information

**Course Number**
120

**Teaching Area**
CCE

**Course Title**
Surveying

**Course Description**
Land surveying in the context of construction and engineering measurements. Laboratory activities using modern surveying tools and methods.

**Department**
Civil & Construction Engr

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

| Title | Learning Outcome |
| --- | --- |
| Software Acquisition and Installation | Understand and explain software licensing models and how to obtain and install software. |
| File Management | Demonstrate an ability to download technical files from web-based repositories, store the files onto local and shared computing networks, and open and edit files in engineering software. |
| Technical Documentation | Demonstrate an ability to obtain useful guidance from software documentation and online help forums, including appropriate use of generative AI. |
| Design | Perform engineering design or analysis using software. |
| Engineering Visualization | Produce a visualization that communicates the results of an engineering design or analysis. (CE / ABET Outcome 3) |
| Acquiring Spatial Data | Locate, understand, and retrieve spatial data from government and other repositories using metadata. |
| Data Models | Describe all common spatial data formats and data models and select an appropriate data model for a specific use. |
| Projections and Coordinate Systems | Select an appropriate geographic projection for use in engineering-specific problems and describe the key characteristics of different common coordinate and geographic projection systems. |
| Engineering Measurements | Use land surveying equipment to measure angles, distances, and areas. |
| Error Analysis | Compute errors, precision, and accuracy of engineering measurements. |
| Projections and Coordinate Systems | Understand and convert measurements between common land surveying projections and coordinate systems. |

| Title | Learning Outcome |
| --- | --- |
| Spatial Data Analysis | Use geographic information system tools for spatial analysis, understanding and design of engineering systems. |

## CCE 203 - Engineering Mechanics--Mechanics of Materials

### Course Information

**Teaching Area (new)**
CCE
**Course Number**
203
**Teaching Area**
CCE
**Course Title**
Engineering Mechanics--Mechanics of Materials
**Course Description**
Fundamental concepts of elastic stress and strain, including transformations and stress-strain relations; beam/column theories (axial, flexure, torsion, and shear loads and deformations); shear and bending moment relationships; column stability; and cylindrical and spherical pressure vessels.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

## CCE 231 - Foundations of Global Leadership

### Course Information

**Teaching Area (new)**
CCE
**Course Number**
231
**Teaching Area**
CCE
**Course Title**
Foundations of Global Leadership
**Course Description**
Foundational principles and practices of individual and organizational leadership in a global context from an integrated moral, technical and social perspective. Emphasis on developing integrity, valuing and leveraging diversity, acquiring and applying leadership skills.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

- CCE 103 - Engineering Mechanics--Statics.
- PHSCS 105 - General Physics 1
  **OR** PHSCS 121 - Introduction to Newtonian Mechanics

Prerequisites

**Complete ALL of the following Courses:**

- ME EN 101 - Static Systems in Mechanical Engineering

**Additional Comments:**

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Students will be able to calculate and transform axial stress (e.g., Mohr's Circle), shear stress, bearing stress, thermal stress, bending stress, and combined stress. |
| Stresses | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Students will be able to calculate strain, transform strain (e.g. Mohr's Circle), apply stress-strain relations (e.g., Hooke's Law), and solve statically indeterminate problems. |
| Strains | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Students will be able to analyze deflections due to axial, torsion, bending, and shear loads, and manipulate relations between shear and bending moment. |
| Deflections | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Students will be able to design beams and columns to carry specified axial, flexure, and shear loads, and predict their deformation and elastic stability (i.e., buckling). |
| Beam/Column Design | |

| | |
|---|---|
| | **Learning Outcome** |
| **Title** | Students will be able to predict stresses in pressure vessels. |
| Pressure Vessels | |

## CCE 270 - Computational Methods

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CCE | 270 |

**Teaching Area**
CCE

## CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CE | 304 |

**Teaching Area**

**Course Title**
Computational Methods
**Course Description**
Computational techniques for solving problems in civil engineering and construction.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| | |
|---|---|
| **Title**<br>Computing Basics | **Learning Outcome**<br>Acquire an understanding of basic computer science concepts such as files, file extensions, file organization, programming languages, editors, and related software programs. |

| | |
|---|---|
| **Title**<br>Engineering Computations | **Learning Outcome**<br>Develop the ability to apply basic spreadsheet and programming skills to solve civil and construction engineering problems by using and understanding concepts such as functions, variables, solution methods, and formulas. (CE / ABET Student Outcome 1) |

| | |
|---|---|
| **Title**<br>Computer Programming | **Learning Outcome**<br>Develop the ability to use spreadsheets or programming languages to automate tasks and create solutions for civil and construction engineering analysis and design. |

CCE
**Course Title**
Civil Engineering Materials: Metals, Woods, and Composites
**Course Description**
Molecular basis and mechanical behavior of civil engineering structural materials; failure theories; laboratory testing.
**Department**
Civil & Construction Engr
**When Taught**
Fall Term 1; Winter Term 1.

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- CCE 270 - Computational Methods
  **AND** CCE 203 - Engineering Mechanics--Mechanics of Materials
  **AND** STAT 201 - Statistics for Engineers and Scientists

**Complete ALL of the following Courses:**
- CCE 270 - Computational Methods
  **AND** CCE 203 - Engineering Mechanics--Mechanics of Materials
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

| | |
|---|---|
| **Title**<br>Wood and Steel | **Learning Outcome**<br>Be able to extract basic material properties of wood, aluminum and steel from simple mechanical tests. |

| | |
|---|---|
| | **Learning Outcome** |

| Title | Learning Outcome |
| --- | --- |
| Communication | Develop an ability to communicate effectively. |
| Experimentation and Data Interpretation | Develop an ability to design and conduct civil engineering experiments, as well as to analyze and interpret data. |
| Failure Mechanisms | Observe and understand the failure mechanisms of isotropic and orthotropic materials. |
| Composites | Understand basic characteristics of fiber-reinforced plastic composite materials. |
| Application | Develop an ability to apply knowledge of structural engineering. |
| Failure Theories | Be able to apply the maximum normal stress, maximum shear stress, and octahedral shear stress failure theories. |

## CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

### Course Information

**Teaching Area (new)**
CCE
**Course Number**
306
**Teaching Area**
CCE
**Course Title**
Civil Engineering Materials: Concrete, Masonry, and Asphalt
**Course Description**
Composition, engineering behavior, and construction of concrete, masonry, and asphalt; laboratory testing.
**Department**
Civil & Construction Engr
**When Taught**
Fall Term 2; Winter Term 2.

### Credit Hours

**Min**

## CE 199R - Academic Internship

### Course Information

**Teaching Area (new)**
CE
**Course Number**
199R
**Teaching Area**
CE
**Course Title**
Academic Internship
**Course Description**
Work experience evaluated by supervisor and posted on student's transcript.
**Department**
Civil & Construction Engr
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

1.5

**Fixed**
1.5

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CCE 203 - Engineering Mechanics--Mechanics of Materials **AND** STAT 201 - Statistics for Engineers and Scientists

Prerequisites

**Complete ALL of the following Courses:**

- CCE 203 - Engineering Mechanics--Mechanics of Materials **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

| | |
|---|---|
| **Title**<br>Aggregates | **Learning Outcome**<br>Understand properties, behavior, and use of aggregates. |
| **Title**<br>Portland Cement | **Learning Outcome**<br>Understand manufacturing, properties, behavior, and use of portland cement. |
| **Title**<br>Portland Cement Concrete | **Learning Outcome**<br>Understand production, properties, placement, behavior, and use of portland cement concrete. |
| **Title**<br>Masonry | **Learning Outcome**<br>Understand production, properties, placement, behavior, and use of masonry units. |

**Fixed**
3

**Note**
An APPROVED Internship Application is required before adding. Internship credits are not required in the Civil Engineering major and are reserved for International Students working domestically off campus.

| Title | Learning Outcome |
| --- | --- |
| Asphalt Cement | Understand manufacturing, properties, behavior, and use of asphalt cement. |

| Title | Learning Outcome |
| --- | --- |
| Asphalt Concrete | Understand production, properties, placement, behavior, and use of asphalt concrete. |

| Title | Learning Outcome |
| --- | --- |
| Laboratory Testing and Data Analysis | Be able to perform selected laboratory test procedures on aggregate-based materials and be able to analyze and interpret experimental laboratory test data. |

| Title | Learning Outcome |
| --- | --- |
| Report Preparation | Be able to prepare professional technical reports documenting laboratory investigations of material properties. |

## CE 200B - Civil Engineering Seminar

### Course Information

**Teaching Area (new)**
CE

**Course Number**
200B

**Teaching Area**
CE

**Course Title**
Civil Engineering Seminar

**Course Description**
Activities of civil engineering; principles and methods involved in solving civil engineering problems.

**Department**
Civil & Construction Engr

**When Taught**
Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 101 - Introduction to Civil and Construction Engineering

**Additional Comments:**

**Note**
College Lecture attendance required.

## CE 204 - Engineering Mechanics--Dynamics

### Course Information

**Teaching Area (new)**
CE

**Course Number**
204

**Teaching Area**
CE

**Course Title**
Engineering Mechanics--Dynamics

**Course Description**
Concepts of dynamics applied to particles, systems of particles, rigid bodies, vibration systems, and nonrigid particles systems.

**Department**
Civil & Construction Engr

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CCE 103 - Engineering Mechanics--Statics.

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 101 - Static Systems in Mechanical Engineering

**Additional Comments:**

## CE 232 - Fluid Mechanics

## CE 291R - Civil Engineering Seminar

## Course Information

**Teaching Area (new)**
CE

**Course Number**
232

**Teaching Area**
CE

**Course Title**
Fluid Mechanics

**Course Description**
Fluid properties, fluid statics and dynamics, viscous flow, boundary layers, concepts of pipe and open-channel flow.

**Department**
Civil & Construction Engr

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PHSCS 121 - Introduction to Newtonian Mechanics

**Additional Comments:**

**Other Prerequisites**

**Learning Outcome**
Be able to setup, perform, evaluate and report on several elementary hydraulic experiments, including: static pressure force, impulse forces from a fluid jet, energy losses in pipe flow, minor energy losses in pipe systems, and flow over weirs in open channels.

**Title**
Experiments

**Learning Outcome**
Be able to perform basic

## Course Information

**Teaching Area (new)**
CE

**Course Number**
291R

**Teaching Area**
CE

**Course Title**
Civil Engineering Seminar

**Course Description**
Activities of civil engineering; principles and methods involved in solving civil engineering problems.

**Department**
Civil & Construction Engr

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Note**
College Lecture attendance required.

**Learning Outcome**
Continue developing an understanding of the process required to become a professional engineer

**Title**
Professional Engineer

**Learning Outcome**
Continue developing an understanding of the importance of lifelong learning and know how to obtain learning experiences that will benefit their future careers

**Title**
Lifelong Learning

**Learning Outcome**
Work in and begin learning how to lead teams in civil engineering related projects that benefit the community

**Title**
Teams

**Learning Outcome**

| | |
|---|---|
| **Title**<br>Calculations | Be able to perform basic calculations for static pressures and forces in fluids. |

| | |
|---|---|
| **Title**<br>Fundamental equations | **Learning Outcome**<br>Understand conservation of mass, energy, and momentum principles as applied to fluid flow situations, and be able to apply them to flow analysis problems. |

| | |
|---|---|
| **Title**<br>Drag and Lift | **Learning Outcome**<br>Understand the concepts of drag and lift and be able to apply both to solve introductory problems of forces and dynamics. |

| | |
|---|---|
| **Title**<br>Pressure Pipes | **Learning Outcome**<br>Understand alternate standard approaches and formulas, and be able to analyze and design pressure pipe systems. |

| | |
|---|---|
| **Title**<br>Water Resources Engineering | **Learning Outcome**<br>Understand standard approach and formulas, and be able to analyze and design open-channel flow systems. |

| | |
|---|---|
| **Title**<br>Pumps | **Learning Outcome**<br>Understand the basic elements of pump and turbine flow, and be able to analyze and select the pump needed for situations involving fluid pumping. |

| | |
|---|---|
| **Title**<br>Ethical Behavior | **Learning Outcome**<br>Continue developing an understanding of ethical behavior in civil engineering and be able to cite examples of good ethical behavior. |

| | |
|---|---|
| **Title**<br>Career | **Learning Outcome**<br>Continue developing an understanding of contemporary issues in civil engineering as illustrated by projects presented by practicing engineers |

## CE 300A - Civil Engineering Seminar

### Course Information

**Teaching Area (new)**
CE
**Course Number**
300A
**Teaching Area**
CE
**Course Title**
Civil Engineering Seminar
**Course Description**
Technical and professional activities in civil engineering.
**Department**
Civil & Construction Engr
**When Taught**
Fall

**Credit Hours**

## CE 300B - Civil Engineering Seminar

### Course Information

**Teaching Area (new)**
CE
**Course Number**
300B
**Teaching Area**
CE
**Course Title**
Civil Engineering Seminar
**Course Description**
Technical and professional activities in civil engineering.
**Department**
Civil & Construction Engr
**When Taught**
Winter

**Credit Hours**

### Credit Hours

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CE 291R - Civil Engineering Seminar
  **AND** CE 200B - Civil Engineering Seminar

**Additional Comments:**

Note
College Lecture attendance required.

### Credit Hours

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CE 291R - Civil Engineering Seminar
  **AND** CE 200B - Civil Engineering Seminar

**Additional Comments:**

Note
College Lecture attendance required.

| Title | Tags |
|---|---|
| 2. (7) Lifelong Learning | 207747, 0, 1 |

Learning Outcome

Continue developing an understanding of the importance of lifelong learning and know how

to obtain learning experiences that will benefit their future careers

| Title | Tags |
|---|---|
| 5. Career | 207750, 0, 4 |

Learning Outcome

Continue developing an understanding of contemporary issues in civil engineering as illustrated by projects presented by practicing engineers

| Title | Tags |
|---|---|

| Title | Tags |
| --- | --- |
| 3. Teams | 207748, 0, 2 |

**Learning Outcome**

Work in and continue learning how to lead teams in civil engineering related projects that benefit the community

| Title | Tags |
| --- | --- |
| 4. Ethical Behavior | 207749, 0, 3 |

**Learning Outcome**

Continue developing an understanding of the ethical behavior in civil engineering and be able to cite examples of good ethical behavior.

| Title | Tags |
| --- | --- |
| 1. Professional Engineering | 207746, 0, 0 |

**Learning Outcome**

Continue developing an understanding of the process required to become a professional engineer

## CE 321 - Structural Analysis

### Course Information

**Teaching Area (new)**
CE

**Course Number**
321

**Teaching Area**
CE

**Course Title**
Structural Analysis

**Course Description**
Methods of statics. Influence line diagrams. Method of virtual work. Plastic hinge analysis. Flexibility (force) method, stiffness (displacement) method, and moment distribution method for analysis of indeterminate beams, trusses, and frames. Introduction to computer structural analysis.

**Department**
Civil & Construction Engr

**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3

**Fixed**
3

## CE 331 - Hydrology

### Course Information

**Teaching Area (new)**
CE

**Course Number**
331

**Teaching Area**
CE

**Course Title**
Hydrology

**Course Description**
Waters of the earth, their occurrence, circulation, and distribution. Relationships among precipitation, evaporation, infiltration, transpiration, groundwater, and stream runoff.

**Department**
Civil & Construction Engr

**When Taught**
Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 203 - Engineering Mechanics--Mechanics of Materials
- CCE 270 - Computational Methods

**Additional Comments:**

| Title | Tags | Learning Outcome |
|---|---|---|
| Force Equilibrium | 207278, 0, 1 | Apply Newton's laws of force equilibrium to determine axial forces, shear forces, and bending moments of statically determinate trusses, beams, and frames. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Idealization/Modeling | 207494, 0, 0 | Be able to identify loads, components, and connections of a structure and make assumptions about how to model them for structural analysis. Understand the repercussions of assumptions made for the Bernoulli-Euler beam theory. |

| Title | Learning Outcome |
|---|---|
| Principle of Virtual Work | Apply calclulus and the principle of virtual work to determine displacements in statically determinate beams, trusses, and frames. |

| | Learning Outcome |
|---|---|
| | Identify degrees of indeterminacy and degrees of |

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 232 - Fluid Mechanics
- CCE 270 - Computational Methods

**Additional Comments:**

| Title | Learning Outcome |
|---|---|
| Hydrologic Cycle | Understand and apply climatological principles relating to the hydrologic cycle and its occurrence and interaction with the biosphere of the earth. |

| Title | Learning Outcome |
|---|---|
| Precipitation & Runoff | Understand and solve problems for precipitation/runoff situations; including generation of the flow rates at desired points in a watershed. |

| Title | Learning Outcome |
|---|---|
| Design & Hydrographs | Design and make calculations of flowrate hydrographs, reservoir storage, well flow and drawdown, and water demand relationships in streams and in the groundwater. |

| Title | Learning Outcome |
|---|---|
| Statistical Methods | Design and apply statistical methods to generate hydrologic intensity and frequency distributions. |

| | |
|---|---|
| Title<br>Analysis of Indeterminate Structures | indeterminacy and degrees of freedom in beams, frames, and trusses. Apply the force method and the stiffness method for analysis of indeterminate structures. |

| | |
|---|---|
| Title<br>Computer Analysis | Learning Outcome<br>Apply computational techniques to evaluate structural phenomena; use both code and commercial software. |

## CE 341 - Elementary Soil Mechanics

### Course Information

**Teaching Area (new)**
CE
**Course Number**
341
**Teaching Area**
CE
**Course Title**
Elementary Soil Mechanics
**Course Description**
Fundamental soil properties in the context of civil engineering and construction. Soil classification systems, stresses from gravitational and surface loads, shear strength, soil compaction theory, seepage of fluid through soil, bearing capacity analysis of foundations and settlement/consolidation theory.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## CE 351 - Introduction to Environmental Engineering

### Course Information

**Course Number**
351
**Teaching Area**
CE
**Course Title**
Introduction to Environmental Engineering
**Course Description**
An introduction to the engineering of drinking water, wastewater, air pollution and solid waste treatment practices.
**Department**
Civil & Construction Engr
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

Prerequisites

**Complete ALL of the following Courses:**

- CCE 203 - Engineering Mechanics--Mechanics of Materials
- CCE 270 - Computational Methods
- CE 232 - Fluid Mechanics

**Additional Comments:**

| | |
|---|---|
| **Title**<br>Experimentation and Data Interpretation | **Learning Outcome**<br>Perform basic laboratory tests on soils including seive analysi, Atterberg limits, compaction, direct shear, triaxial shear and consolidation. Be able to perform the basic calculations associated wtih laboratory tests on soils. |
| **Title**<br>Communicate Geotech Test Results Effectively | **Learning Outcome**<br>Communicate results of geotechnical tests effectively and explain their meaning in a clear and concise manner. |
| **Title**<br>Perform Experiments and Report Results as Teams | **Learning Outcome**<br>Collaborate with team members to lead, establish experiment goals, perform experiments, and prepare the results in report format. |
| **Title**<br>Soil classification/Soil Mineralogy | **Learning Outcome**<br>Perform fundamental calculations and analyses including weight-volumen relationships and soil classification. Understand influence of soil structure and mineralogy on soil behavior. |
| **Title**<br>Fluid flow in Soil | **Learning Outcome**<br>Understand basic principles of flow through porous media including Darcy's law, the equation of continuity, seepage forces and flow nets. |
| **Title**<br>Stress analysis in soil | **Learning Outcome**<br>Understand how stresses are transferred through soils. Compute both geostatic stress (total stress, effective stress, and pore pressures) and induced stresses due to point, line and area loads. |

- CHEM 105 - General College Chemistry I with Lab (Integrated)
- CCE 270 - Computational Methods

**Additional Comments:**

| | |
|---|---|
| **Title**<br>1. Mass and Energy Balances | **Tags**<br>213427, 0, 1, 2023-08-29 07:33:01 |
| **Learning Outcome**<br>Perform mass balances and energy balances pertinent to environmental engineering, including aqueous chemical reactions. | |
| **Title**<br>2. Water and Air Quality | **Tags**<br>213428, 0, 2, 2023-08-29 07:33:05 |
| **Learning Outcome**<br>Describe water and air quality characteristics, as well as their respective standards. | |
| **Title**<br>3. Process Analysis | **Tags**<br>213429, 0, 3, 2023-08-29 07:33:06 |
| **Learning Outcome**<br>Analyze treatment processes for water, wastewater, air, and solid waste and apply common guidance to design their components. | |
| **Title**<br>4. Sustainability | **Tags**<br>213430, 0, 4, 2023-08-29 07:33:07 |
| **Learning Outcome**<br>Discuss the concept of an ecosystem and how laws, ethics, and professional responsibilities influence environmental engineering practices therein. | |

| Title | Learning Outcome |
| --- | --- |
| Consolidation theory | Understand basic consolidation theory. Compute the amoun of settlement and the time required for settlement under a given load. |

| Title | Learning Outcome |
| --- | --- |
| Shear strength of soil | Understand shear strength principles including Mohr-Coloumb failure criterion. Perform basic caluclations related to shear strength analyis. |

| Title | Learning Outcome |
| --- | --- |
| Lateral earth pressures | Analyze lateral earth pressures under at-rest, active and passive conditions. |

| Title | Learning Outcome |
| --- | --- |
| Bearing capacity | Perform bearing capacity analysis for spread footings of various shapes. Understand how bearing capacity equations are used in foundation design. |

## CE 361 - Introduction to Transportation Engineering

### Course Information

**Teaching Area (new)**
CE

**Course Number**
361

**Teaching Area**
CE

**Course Title**
Introduction to Transportation Engineering

**Course Description**
Transportation system characteristics, traffic engineering and operation, transportation planning, geometric design, pavement design, transportation safety, freight, public transport, sustainable transportation.

**Department**
Civil & Construction Engr

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

## CE 400A - Civil Engineering Seminar

### Course Information

**Teaching Area (new)**
CE

**Course Number**
400A

**Teaching Area**
CE

**Course Title**
Civil Engineering Seminar

**Course Description**
Technical and professional activities in civil engineering.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 121 - Principles of Statistics
  **OR** STAT 201 - Statistics for Engineers and Scientists

**Complete ALL of the following Courses:**
- CCE 270 - Computational Methods

**Additional Comments:**

| Title | Tags |
|---|---|
| History | 213431, 0, 1, 2023-08-29 07:33:08 |

Learning Outcome
1. Understand the history of the development of transportation in the United States and asses how transportation modes and networks available in a community significantly influence the way the community develops.

| Title | Tags |
|---|---|
| Systems Perspective | 213432, 0, 2, 2023-08-29 07:33:13 |

Learning Outcome
2. Approach transportation problems, especially traffic congestion on highways, from a systems point of view, as an interaction between land use and transportation systems, not just as the problem related to highways. This competency is all inclusive, including public transportation, freight, and sustainability.

| Title | Tags |
|---|---|
| Traffic Stream Characteristics | 213433, 0, 3, 2023-08-29 07:33:14 |

Learning Outcome

1

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 300A - Civil Engineering Seminar
  **AND** CE 300B - Civil Engineering Seminar

**Additional Comments:**

Note
College Lecture attendance required.

3. Conduct activities to measure traffic stream characteristics (volume, speed, and density) and analyze field data to estimate values for traffic stream parameters, including hypothesis tests.

| Title | Tags |
| --- | --- |
| Traffic Flow Model | 213434, 0, 4, 2023-08-29 07:33:16 |

**Learning Outcome**
4. Analyze a standard traffic flow model (i.e., Greenshields Model) for observed traffic data and understand the randomness of traffic flow characteristics.

| Title | Tags |
| --- | --- |
| Level of Service | 213435, 0, 5, 2023-08-29 07:33:17 |

**Learning Outcome**
5. Understand the concept of level of service (LOS) and capacity and evaluate the performance of basic roadway segments using standard procedures based on this concept.

| Title | Tags |
| --- | --- |
| Planning | 213436, 0, 6, 2023-08-29 07:33:20 |

**Learning Outcome**
6. Understand the four steps in the traditional travel demand modeling process, analyze the two-way relationship between land use and transportation, and evaluate how the travel demand modeling fits into the transportation-planning process.

| Title | Tags |
| --- | --- |
| Safety Evaluation | 213437, 0, 7, 2023-08-29 07:33:21 |

**Learning Outcome**
7. Understand the highway safety improvement program and standard safety evaluation parameters and be able to calculate crash rates and determine critical crash locations.

| Title | Tags |
| --- | --- |
| Safety in Design | 213438, 0, 8, 2023-08-29 07:33:22 |

**Learning Outcome**

Learning Outcome
8. Understand the dynamic interaction of the driver, roadway, and vehicle, and evaluate and design roadway sections for safe stopping sight distance.

| Title | Tags |
| --- | --- |
| Geometric Design | 213439, 0, 9, 2023-08-29 07:33:24 |

Learning Outcome
9. Determine key dimensions of horizontal and vertical alignments of roadway sections using safe stopping sight distance and superelevation.

| Title | Tags |
| --- | --- |
| Intersection Design | 213440, 0, 10, 2023-08-29 07:33:25 |

Learning Outcome
10. Determine when an intersection warrants the installation of a traffic signal, design signal settings for intersections so that drivers will not face a dilemma zone, and understand that congestion and associated delays are societal costs.

| Title | Tags |
| --- | --- |
| (2) Pavement Design and Data | 213441, 0, 11, 2023-08-29 07:33:26 |

Learning Outcome
11. Understand pavement structures and their characteristics and design bituminous pavements using the AASHTO method that requires knowledge of traffic engineering, pavement material characteristics, and economics.

## CE 400B - Civil Engineering Seminar

### Course Information

**Teaching Area (new)**
CE

**Course Number**
400B

**Teaching Area**
CE

**Course Title**
Civil Engineering Seminar

**Course Description**
Technical and professional activities in civil engineering.

**Department**
Civil & Construction Engr

**When Taught**
Winter

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Note**
College Lecture attendance required.

## CE 414 - Engineering Applications of GIS

### Course Information

**Teaching Area (new)**
CE

**Course Number**
414

**Teaching Area**
CE

**Course Title**
Engineering Applications of GIS

**Course Description**
Introduction to GIS concepts. Data acquisition and GIS database formulation. Applications of GIS to civil engineering.

**Department**
Civil & Construction Engr

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## CE 421 - Structural Steel Design

### Course Information

**Teaching Area (new)**
CE

**Course Number**
421

**Teaching Area**
CE

**Course Title**
Structural Steel Design

**Course Description**
Design of steel tension members, compression members, beams, beam-columns; elastic and inelastic lateral-torsional buckling; welds and structural fasteners.

**Department**
Civil & Construction Engr

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
  **AND** CE 321 - Structural Analysis

**Additional Comments:**

## CE 424 - Reinforced Concrete Design

### Course Information

**Teaching Area (new)**
CE

**Course Number**
424

**Teaching Area**
CE

**Course Title**
Reinforced Concrete Design

**Course Description**
Theory and design of reinforced concrete, including columns, beams, slabs, and footings; elastic and ultimate-strength methods of analysis.

**Department**
Civil & Construction Engr

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt
  **AND** CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
  **AND** CE 321 - Structural Analysis

**Additional Comments:**

## CE 427 - International Megastructures

### Course Information

**Teaching Area (new)**
CE

**Course Number**
427

**Teaching Area**

## CE 433 - Hydraulic Engineering

### Course Information

**Teaching Area (new)**
CE

**Course Number**
433

**Teaching Area**

CE
**Course Title**
International Megastructures
**Course Description**
Skyscraper analysis and design. Introduction to analysis and design of suspension, cable-stayed, arch, and prestressed girder bridges. Economic, social, and environmental design criteria for megastructures. International experience to study megastructures in China or elsewhere. Interaction with professionals.
**Department**
Civil & Construction Engr
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 321 - Structural Analysis

**Additional Comments:**

**Other Prerequisites**
instructor's consent.

CE
**Course Title**
Hydraulic Engineering
**Course Description**
Application of fluid mechanics principles to analysis and design of hydraulic structures and systems.
**Department**
Civil & Construction Engr
**When Taught**
Fall; Spring.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 232 - Fluid Mechanics
- CE 331 - Hydrology

**Additional Comments:**

| Title | Learning Outcome |
| --- | --- |
| Energy & Momentum | Apply energy and momentum principles to fluid flow situations, and be able to solve problems for forces in static and moving fluids. |

| Title | Learning Outcome |
| --- | --- |
| Pipe and Open Channel Systems | Apply standard energy approaches and formulas, and be able to solve for and design pressure pipe and open channel systems. |

| | Learning Outcome |
| --- | --- |
| | Understand the basic elements of |

| Title | Learning Outcome |
| --- | --- |
| Pumps and Turbines | pump and turbine flow, and be able to analyze and select the pump needed for pressurizing situations. |
| Design and evaluate common facilities | Generate and apply the analytical and design approaches to common water facilities such as culverts, spillways, pipe networks, sewer systems, canals, and scour and sediment transport. |

## CE 439 - Water Resources Study Abroad

### Course Information

**Teaching Area (new)**
CE

**Course Number**
439

**Teaching Area**
CE

**Course Title**
Water Resources Study Abroad

**Course Description**
BYU students team with engineers and engineering students from other countries to work on water resources projects of consequence. Collaboration with international teams occurs electronically through the semester with a 1-3 week visit to the country assigned.

**Department**
Civil & Construction Engr

**When Taught**
Winter odd years, Spring even years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Enrollment by Instructor Approval

**Recommended**
CE 431 or 433; CE 471 (Fall semester)

## CE 442 - Foundation Engineering

### Course Information

**Teaching Area (new)**
CE

**Course Number**
442

**Teaching Area**
CE

**Course Title**
Foundation Engineering

**Course Description**
Soil investigation, bearing capacity and settlement, design of spread footings, combined footings, mat foundations, pile foundations, and drilled shafts.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- 

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## CE 451 - Environmental Engineering Processes

### Course Information

**Teaching Area (new)**
CE

**Course Number**
451

**Teaching Area**
CE

**Course Title**
Environmental Engineering Processes

**Course Description**
An introduction to the evaluation and design of drinking water, wastewater, air pollution and hazardous waste treatment practices.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Chem 105.

## CE 461 - Geometric Design of Highways

### Course Information

**Teaching Area (new)**
CE

**Course Number**
461

**Teaching Area**
CE

**Course Title**
Geometric Design of Highways

**Course Description**
Designing visual aspects of highways: highway classification, design controls and criteria, design elements, vertical and horizontal alignment, cross section, intersections, interchanges, capacity analysis.

**Department**
Civil & Construction Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 361 - Introduction to Transportation Engineering

**Additional Comments:**

## CE 467 - International Megacities

### Course Information

**Teaching Area (new)**
CE

**Course Number**
467

**Teaching Area**
CE

**Course Title**
International Megacities

## CE 471 - Civil Engineering Writing

### Course Information

**Teaching Area (new)**
CE

**Course Number**
471

**Teaching Area**
CE

**Course Title**
Civil Engineering Writing

**Course Description**
Transportation planning and analysis of public transportation, airports, high-speed rail, pedestrians, water transportation, freight, and highway systems of international megacities achieved through international experience, research, professional interactions, and an evaluation of safety, policy, and sustainability.
**Department**
Civil & Construction Engr
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- CE 361 - Introduction to Transportation Engineering

**Additional Comments:**

**Other Prerequisites**
and instructor's consent.

**Course Description**
Writing and oral communication in the context of civil engineering projects.
**Department**
Civil & Construction Engr
**When Taught**
Fall.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
12 credit hours from CE junior core (CE 361, CE 321, CE 332, CCE304/CCE306, CE341, CE 331) or concurrent enrollment
**Note**
CE 471 and CE 472 must be taken in consecutive fall and winter semesters.
Students need to complete or have concurrent enrollment in 12 credit hours from CE junior core (CE 361, CE 321, CE 332, CCE304/CCE306, CE341, CE 331).

| | |
|---|---|
| **Title**<br>Writing Processes | **Learning Outcome**<br>Apply prewriting, drafting, revision, editing, and proofreading to produce polished writing. |

| | |
|---|---|
| **Title**<br>Disciplinary Writing and Speaking | **Learning Outcome**<br>Develop competence in preparing common documents within the civil engineering discipline. Prepare and deliver a formal oral presentation. |

| | |
|---|---|
| **Title**<br>Research | **Learning Outcome**<br>Evaluate credible sources, integrate them to advance engineering analysis, and document the sources properly. |

## CE 472 - Civil Engineering Design

### Course Information

**Teaching Area (new)**
CE
**Course Number**
472
**Teaching Area**
CE
**Course Title**
Civil Engineering Design
**Course Description**
Comprehensive two-semester Civil Engineering culminating design experience based on the knowledge and skills acquired in earlier course work and incorporating appropriate engineering standards and multiple realistic constraints.
**Department**
Civil & Construction Engr
**When Taught**
Winter

**Credit Hours**

**Min**
3
**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CE 471 - Civil Engineering Writing

**Additional Comments:**

**Other Prerequisites**
Senior Status; Completion of 12 credit hours from CE junior core (CE 361, CE 321, CE 332, CE304/CCE306, CCE341/CE342).
**Note**
CEEN 471 and CEEN 472 must be taken in consecutive fall and winter semesters.

## CE 495R - Global Engineering Outreach Projects

### Course Information

**Teaching Area (new)**
CE
**Course Number**
495R
**Teaching Area**
CE
**Course Title**
Global Engineering Outreach Projects
**Course Description**
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

**Credit Hours**

**Min**
0.5
**Fixed**
3

**Other Prerequisites**
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

## CE 498R - Directed Studies in Civil Engineering

## CE 499R - Senior Project

## Engineering

### Course Information

**Teaching Area (new)**
CE

**Course Number**
498R

**Teaching Area**
CE

**Course Title**
Directed Studies in Civil Engineering

**Course Description**
Directed studies in Civil Engineering related to professional practice.

**Department**
Civil & Construction Engr

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
18

**Other Prerequisites**
Instructor's consent

### Course Information

**Course Number**
499R

**Teaching Area**
CE

**Course Title**
Senior Project

**Course Description**
Advanced research and writing on an approved senior thesis topic.

**Department**
Civil & Construction Engr

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite Type**
Prerequisite

**Complete ALL of the following Courses:**
- CE 471 - Civil Engineering Writing

**Additional Comments:**

| Title | Learning Outcome |
|---|---|
| Guided Research | Apply skills of inquiry and analysis to conduct guided, original research and engineering design on a specific topic or question. |

| Title | Learning Outcome |
|---|---|
| Writing and Communication | Write a publishable manuscript in the student's chosen discipline and present the research and design to an oversight committee. |

## CE 500 - (CE - Me En) Design and Materials Applications

### Course Information

**Teaching Area (new)**
CE

**Course Number**
500

**Teaching Area**
CE

**Course Title**
(CE - Me En) Design and Materials Applications

**Course Description**
Applied and residual stress; materials selection; static, impact, and fatigue strength; fatigue damage; surface treatments; elastic deflection and stability--all as applied to mechanical design.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 372 - Mechanical System Design Fundamentals

Prerequisites

**Complete ALL of the following Courses:**
- CE 321 - Structural Analysis

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## CE 501 - (CE - MeEn) Stress Analysis and Design of Mechanical Structures

### Course Information

**Teaching Area (new)**
CE

**Course Number**
501

**Teaching Area**
CE

**Course Title**
(CE - MeEn) Stress Analysis and Design of Mechanical Structures

**Course Description**
Stress analysis and deflection of structures; general bending and torsion with computer applications to mechanical and aerospace structure design.

**Department**
Civil & Construction Engr

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CE 321 - Structural Analysis

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 372 - Mechanical System Design Fundamentals

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## CE 504 - (CE - Me En) Computer Structural Analysis and Optimization

### Course Information

**Teaching Area (new)**
CE

**Course Number**
504

**Teaching Area**
CE

**Course Title**
(CE - Me En) Computer Structural Analysis and Optimization

**Course Description**
Matrix stiffness method for 1D, 2D, and 3D skeletal structure classes. Implementing the matrix stiffness method as a computer program. Nonlinear second-order structural analysis. Structural optimization techniques including stress-ratio method, gradient-based methods, and genetic algorithms.

**Department**
Civil & Construction Engr

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CE 321 - Structural Analysis

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 372 - Mechanical System Design Fundamentals

**Additional Comments:**

## CE 505 - Portland Cement Concrete Mixture Design and Analysis

### Course Information

**Teaching Area (new)**
CE

**Course Number**
505

**Teaching Area**
CE

**Course Title**
Portland Cement Concrete Mixture Design and Analysis

**Course Description**
Properties and testing of freshly mixed and hardened concrete and constituent materials; concrete mixture design and analysis; concrete construction practices; laboratory experimentation.

**Department**
Civil & Construction Engr

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

**Additional Comments:**

**Other Prerequisites**
or equivalent.

**Other Prerequisites**
or equivalent; linear algebra.

## CE 507 - (CE - Me En) Linear Finite Element Methods

### Course Information

**Teaching Area (new)**
CE
**Course Number**
507
**Teaching Area**
CE
**Course Title**
(CE - Me En) Linear Finite Element Methods
**Course Description**
Linear static finite element analysis of elastic solids; problem formulation, finite element discretization, and equation solving; stability, interpolation theory, and error estimates. Introduction to underlying continuum mechanics principles. Isogeometric analysis as a generalization of classical finite element analysis; basic principles of analysis-suitable computational geometry. Introduction to the industrial practice of finite element modeling leveraging commercial packages. Topics include CAD preprocessing, an overview of the mesh generation process and simulation model setup, and how to effectively use appropriate solution strategies for a given problem. Application domains include strength and durability, vibrations, transient structural dynamics, and multi-physics problems.
**Department**
Civil & Construction Engr
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**

## CE 508 - (CE - Me En) Structural Vibrations

### Course Information

**Teaching Area (new)**
CE
**Course Number**
508
**Teaching Area**
CE
**Course Title**
(CE - Me En) Structural Vibrations
**Course Description**
Dynamic analysis of single degree-of-freedom, discrete multi-degree-of-freedom, and continuous systems. Applications include aerospace, civil structures, and mechanical components.
**Department**
Civil & Construction Engr
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- CE 321 - Structural Analysis

Prerequisites
**Complete ALL of the following Courses:**
- ME EN 372 - Mechanical System Design Fundamentals

**Additional Comments:**

**Complete ALL of the following Courses:**

- CE 321 - Structural Analysis

Prerequisites

**Complete ALL of the following Courses:**

- ME EN 372 - Mechanical System Design Fundamentals

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## CE 514 - Geospatial Environmental Engineering

### Course Information

**Teaching Area (new)**
CE

**Course Number**
514

**Teaching Area**
CE

**Course Title**
Geospatial Environmental Engineering

**Course Description**
Modern software development techniques for civil and environmental engineering. Topics include: design and development of component-based software for desktop and web-based applications; data structures and algorithms for modeling, analysis, and visualization; basic problem-solving techniques; web services; and the management and maintenance of software using code versioning systems. Application areas are focused on civil and environmental engineering problems.

**Department**
Civil & Construction Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 270 - Computational Methods
  **AND** CE 414 - Engineering Applications of GIS

**Additional Comments:**

## CE 521 - Advanced Structural Steel Design

### Course Information

**Teaching Area (new)**
CE

**Course Number**
521

**Teaching Area**
CE

**Course Title**
Advanced Structural Steel Design

**Course Description**
Background and development of AISC specification, AISC seismic provisions, and relevant provisions in ASCE 7: design of steel braced frames and steel moment resisting frames; design of diaphragms and collectors; design of steel buildings.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 421 - Structural Steel Design

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## CE 523 - (CE - Me En) Aircraft Structures

### Course Information

## CE 525 - Bridge Structures

### Course Information

## Course Information

**Teaching Area (new)**
CE

**Course Number**
523

**Teaching Area**
CE

**Course Title**
(CE - Me En) Aircraft Structures

**Course Description**
Requirements, objectives, loads, materials, and tools for design of airframe structures; static behavior of thin-wall structures; durability and damage tolerance; certification and testing. Airframe component team design project.

**Department**
Civil & Construction Engr

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
  **AND** CE 321 - Structural Analysis

Prerequisites

**Complete ALL of the following Courses:**
- CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
  **AND** ME EN 372 - Mechanical System Design Fundamentals

Prerequisites

**Complete ALL of the following Courses:**
- CE 321 - Structural Analysis
  **AND** ME EN 250 - Science of Engineering Materials

## Course Information

**Teaching Area (new)**
CE

**Course Number**
525

**Teaching Area**
CE

**Course Title**
Bridge Structures

**Course Description**
Design of composite, continuous beam, and girder bridges, including piers, abutments, floor systems, and bearings; field trips to observe bridge construction and fabrication.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 421 - Structural Steel Design
  **AND** CE 424 - Reinforced Concrete Design

**Additional Comments:**

**Other Prerequisites**
or equivalent.

**Additional Comments:**

**Other Prerequisites**
CE 304 or Me En 250. CE 321 or Me En 372.

## CE 526 - Bridge Preservation

### Course Information

**Teaching Area (new)**
CE
**Course Number**
526
**Teaching Area**
CE
**Course Title**
Bridge Preservation
**Course Description**
Classifications of bridge components and elements; bridge mechanics; selection, scheduling, and application of bridge preservation treatments.
**Department**
Civil & Construction Engr
**When Taught**
Winter Term 2 Odd Yrs..

### Credit Hours

**Min**
1.5
**Fixed**
1.5

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

**Additional Comments:**

## CE 528 - Masonry Design

### Course Information

**Teaching Area (new)**
CE
**Course Number**
528
**Teaching Area**
CE
**Course Title**
Masonry Design
**Course Description**
Introduction to analysis, design, and construction of masonry structures. Compressive, tensile, flexural, and shear behavior of masonry structural components.
**Department**
Civil & Construction Engr
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 424 - Reinforced Concrete Design

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## CE 529 - Structural Wood Design

## CE 531 - Principles of Hydrologic Modeling

## CE 529 - Structural Wood Design

### Course Information

**Teaching Area (new)**
CE

**Course Number**
529

**Teaching Area**
CE

**Course Title**
Structural Wood Design

**Course Description**
Wood species, composition, and grades; design of beams, columns, shear walls, diphragms, connections, and structural systems.

**Department**
Civil & Construction Engr

**When Taught**
Fall

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
  **AND** CE 321 - Structural Analysis
  **AND** CE 421 - Structural Steel Design

**Additional Comments:**

**Other Prerequisites**
or equivalents.

## CE 531 - Principles of Hydrologic Modeling

### Course Information

**Teaching Area (new)**
CE

**Course Number**
531

**Teaching Area**
CE

**Course Title**
Principles of Hydrologic Modeling

**Course Description**
Advanced hydrologic and hydraulic principles with an emphasis on modeling for the purpose of planning and designing draining, flood control, and other water resource facilities.

**Department**
Civil & Construction Engr

**When Taught**
Fall

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CE 331 - Hydrology

**Additional Comments:**

**Other Prerequisites**
or equivalent.

| Title | Tags |
| --- | --- |
| Applied Hydrology | 179939, 0, 0, 2023-10-18 10:22:55 |

**Learning Outcome**

Apply fundamental principles of hydrology in hydrologic and hydraulic models

| Title | Tags |
| --- | --- |
| Model Formulation | 180039, 0, 1, 2023-10-18 10:22:57 |

Learning Outcome

Know how to apply different hydrologic modeling formulation to solve design and analysis problems

| Title | Tags |
| --- | --- |
| Data Resources | 180049, 0, 2, 2023-10-18 10:23:01 |

Learning Outcome

Know where to find digital and other data resources required for hydrologic model development

| Title | Tags |
| --- | --- |
| Modeling Limitations | 179830, 0, 3, 2023-10-18 10:23:06 |

Learning Outcome

Understand the limitations and uses of traditional lumped parameter models as well as more advanced physics based models

| Title | Tags |
| --- | --- |
| Communicating Model Results | 179862, 0, 4, 2023-10-18 10:23:09 |

Learning Outcome

Interpret and describe hydrologic modeling results in written reports

| Title | Tags |
| --- | --- |
| Teamwork | 180054, 0, 5, 2023-10-18 10:23:12 |

Learning Outcome

Work together with teammates to develop hydrologic models

| Title | Tags |
| --- | --- |
| Modern Hydrologic Modeling Tools | 179978, 0, 6, 2023-10-18 10:23:19 |

Learning Outcome

Learn modern engineering software tools like the Watershed Modeling System (WMS) that process digital data and prepare model inputs

## CE 533 - Advanced Hydraulic Routing

### Course Information

**Teaching Area (new)**
CE

**Course Number**
533

**Teaching Area**
CE

**Course Title**
Advanced Hydraulic Routing

**Course Description**
Study of the equations of motion governing unsteady, two-dimensional water flow in open channels; computer solutions of the equations.

**Department**
Civil & Construction Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 433 - Hydraulic Engineering

**Additional Comments:**

## CE 534 - Hydroinformatics

### Course Information

**Teaching Area (new)**
CE

**Course Number**
534

**Teaching Area**
CE

**Course Title**
Hydroinformatics

**Course Description**
Principles of hardware and software systems for water and climate data collection, storage, sharing, interpretation, analysis, and modeling.

**Department**
Civil & Construction Engr

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 414 - Engineering Applications of GIS
  **AND** CE 331 - Hydrology

**Additional Comments:**

# CE 535 - Hydraulic Design of Channels and Control Structures

## Course Information

**Teaching Area (new)**
CE

**Course Number**
535

**Teaching Area**
CE

**Course Title**
Hydraulic Design of Channels and Control Structures

**Course Description**
Design of water conveyance channels and control structures, including siphons, chutes, weirs, flumes, dams, spillways, and outlet works.

**Department**
Civil & Construction Engr

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CE 433 - Hydraulic Engineering

**Additional Comments:**

**Other Prerequisites**
or equivalent.

# CE 540 - Geo-Environmental Engineering

## Course Information

**Teaching Area (new)**
CE

**Course Number**
540

**Teaching Area**
CE

**Course Title**
Geo-Environmental Engineering

**Course Description**
Hazardous waste statutes and regulations; introduction to hazardous waste treatment, storage, disposal, and monitoring techniques. Geotechnical aspects of environmental engineering. Topics include municipal and hazardous solid waste landfill design and characterization and remediation techniques for contaminated soil and groundwater.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

-

**Additional Comments:**

**Other Prerequisites**
or equivalents

## CE 542 - Deep Foundations and Retaining Systems

### Course Information

**Teaching Area (new)**
CE

**Course Number**
542

**Teaching Area**
CE

**Course Title**
Deep Foundations and Retaining Systems

**Course Description**
Lateral pressures and earth retaining systems, axial and lateral capacities of piles and drilled shafts, foundations subjected to vibratory loadings, foundations on collapsible and expansive soils, soil improvement techniques.

**Department**
Civil & Construction Engr

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 341 - Elementary Soil Mechanics

**Additional Comments:**

## CE 543 - Chemical Stabilization of Soils

### Course Information

**Teaching Area (new)**
CE

**Course Number**
543

**Teaching Area**
CE

**Course Title**
Chemical Stabilization of Soils

**Course Description**
Stabilizer types, soil-stabilizer reaction chemistry, stabilizer concentration determination, construction considerations, performance of stabilized soils, laboratory experimentation.

**Department**
Civil & Construction Engr

**When Taught**
Winter Term 1 Odd Yrs..

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

**Additional Comments:**

## CE 544 - Seepage and Slope Stability Analysis

### Course Information

**Teaching Area (new)**
CE

**Course Number**
544

**Teaching Area**
CE

**Course Title**
Seepage and Slope Stability Analysis

**Course Description**
Seepage and slope stability analysis of earth dams, levees, excavations, embankments, and natural slopes; construction dewatering, numerical methods, shear strength of soils, limit equilibrium method.

**Department**
Civil & Construction Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## CE 545 - Geotechnical Analysis of Earthquake Phenomena

### Course Information

**Teaching Area (new)**
CE

**Course Number**
545

**Teaching Area**
CE

**Course Title**
Geotechnical Analysis of Earthquake Phenomena

**Course Description**
Earthquake magnitude and intensity; design ground motions, elementary dynamics of structures; response spectra; building code provisions; liquefaction and ground failure.

**Department**
Civil & Construction Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

**Additional Comments:**

**Other Prerequisites**
or equivalents.

## CE 547 - Groundwater Modeling

### Course Information

**Teaching Area (new)**
CE

**Course Number**
547

**Teaching Area**
CE

**Course Title**
Groundwater Modeling

**Course Description**
Computer simulation of groundwater flow systems; modeling theory, numerical methods, data management, boundary conditions, calibration, and stochastic analysis.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- 

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## CE 551 - Water Treatment Facilities Design

### Course Information

**Teaching Area (new)**
CE

**Course Number**
551

**Teaching Area**
CE

**Course Title**
Water Treatment Facilities Design

**Course Description**
Evaluation, selection, and design of water treatment facilities.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CE 451 - Environmental Engineering Processes

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## CE 553 - Mechanical Behavior of Materials

### Course Information

**Teaching Area (new)**
CE

**Course Number**
553

**Teaching Area**
CE

**Course Title**
Mechanical Behavior of Materials

**Course Description**
Engineering methods for modeling deformation, fracture and fatigue of materials, including metals, polymers, composites and ceramics. Deformation modes include elastic, plastic, viscoelastic and creep.

**Department**
Civil & Construction Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 203 - Engineering Mechanics--Mechanics of Materials **AND** ME EN 250 - Science of Engineering Materials

**Additional Comments:**

## CE 555 - Environmental Chemistry

### Course Information

**Teaching Area (new)**
CE

**Course Number**
555

**Teaching Area**
CE

**Course Title**
Environmental Chemistry

**Course Description**
Chemical theory and calculation supporting analysis of major organic and inorganic constituents in environmental engineering, focusing on theoretical understanding of the chemical processes.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

**Additional Comments:**

## CE 562 - Traffic Engineering: Characteristics and Operations

### Course Information

**Teaching Area (new)**
CE

**Course Number**
562

**Teaching Area**
CE

**Course Title**
Traffic Engineering: Characteristics and Operations

**Course Description**
Traffic stream characteristics, traffic flow theory, traffic control devices, capacity and level of service, warrants, signal timing and optimization, signal coordination.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 361 - Introduction to Transportation Engineering

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## CE 563 - Pavement Design

### Course Information

**Teaching Area (new)**
CE

**Course Number**
563

**Teaching Area**
CE

**Course Title**
Pavement Design

**Course Description**
Design, construction, evaluation, maintenance, and rehabilitation of flexible and rigid pavements; influence of traffic and environmental factors; mechanistic analysis of pavement structures using computer software.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt
  **AND**
  **AND** CE 361 - Introduction to Transportation Engineering

**Additional Comments:**

## CE 565 - Urban Transportation Planning

### Course Information

**Teaching Area (new)**
CE

**Course Number**
565

**Teaching Area**
CE

**Course Title**
Urban Transportation Planning

**Course Description**
Urban transportation planning and decision making, intermodal transportation, land-use transportation interrelationships, transportation demand modeling, site impact analysis, sustainable transportation; livable cities.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 361 - Introduction to Transportation Engineering

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

## CE 566 - Pavement Management

### Course Information

**Teaching Area (new)**
CE

**Course Number**
566

**Teaching Area**
CE

**Course Title**
Pavement Management

**Course Description**
Process of planning infrastructure repairs, institutional issues, network and project levels of infrastructure management, pavement performance, deterioration modeling, benefits of treatments, life-cycle cost analyses.

**Department**
Civil & Construction Engr

**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

**Additional Comments:**

## CE 568 - Asphalt Mixture Design and Analysis

### Course Information

**Teaching Area (new)**
CE

**Course Number**
568

**Teaching Area**
CE

**Course Title**
Asphalt Mixture Design and Analysis

**Course Description**
Properties and testing of asphalt mixtures and constituent materials; asphalt mixture design and analysis; asphalt construction practices; laboratory experimentation

**Department**
Civil & Construction Engr

**When Taught**
Fall Term 1 Even Yrs..

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

**Additional Comments:**

## CE 570 - (CE - Me En) Computer-Aided Engineering Software Development

### Course Information

**Teaching Area (new)**
CE

**Course Number**
570

**Teaching Area**
CE

**Course Title**
(CE - Me En) Computer-Aided Engineering Software Development

**Course Description**
Programming methods for the development of engineering software. Data structures, architecture, libraries, and graphical user interfaces, with applications to CAD systems.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Me En 373 or C programming

## CE 575 - (CE - Me En) Optimization Techniques in Engineering

### Course Information

**Teaching Area (new)**
CE

**Course Number**
575

## CE 580 - Technical Writing for Publication

### Course Information

**Teaching Area (new)**
CE

**Course Number**
580

**Teaching Area**

**Teaching Area**
CE
**Course Title**
(CE - Me En) Optimization Techniques in Engineering
**Course Description**
Application of computational optimization techniques to constrained engineering design. Theory and application of gradient-based and gradient-free algorithms for unconstrained and constrained nonlinear problems. Robust design methods.
**Department**
Civil & Construction Engr
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- MATH 302 - Mathematics for Engineering 1

Prerequisites
**Complete ALL of the following Courses:**
- MATH 314 - Calculus of Several Variables

**Additional Comments:**

**Other Prerequisites**
Scientific computing.

## CE 594R - Selected Problems in Civil Engineering

### Course Information

CE
**Course Title**
Technical Writing for Publication
**Course Description**
Publication process; pre-writing, drafting, revising, and editing; grammar, punctuation, and usage; non-textual elements; references; formatting; oral presentation; peer review.
**Department**
Civil & Construction Engr
**When Taught**
Fall Term 2 Even Yrs..

### Credit Hours

**Min**
1.5
**Fixed**
1.5

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

**Additional Comments:**

## CEBU 100 - Language Study: Cebuano

### Course Information

**Teaching Area (new)** **Course Number**

**Teaching Area (new)**
CE
**Course Number**
594R
**Teaching Area**
CE
**Course Title**
Selected Problems in Civil Engineering
**Department**
Civil & Construction Engr
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
3

**CEBU** **100**
**Teaching Area**
CEBU
**Course Title**
Language Study: Cebuano
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Cebuano.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title** **Tags**
Speaking 196880, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title** **Tags**
Social Situations 196882, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

**Title** **Tags**
Follow Instructions 196884, 3

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## CEBU 101 - First-Year Language Study: Cebuano

### Course Information

**Teaching Area (new)**
CEBU

**Course Number**
101

**Teaching Area**
CEBU

**Course Title**
First-Year Language Study: Cebuano

**Course Description**
Beginning speaking, listening, reading, and writing skills in Cebuano.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
196874, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196876, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**
Writing

**Tags**
196878, 3

**Learning Outcome**

## CEBU 102 - First-Year Language Study: Cebuano

### Course Information

**Teaching Area (new)**
CEBU

**Course Number**
102

**Teaching Area**
CEBU

**Course Title**
First-Year Language Study: Cebuano

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Cebuano.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CEBU 101 - First-Year Language Study: Cebuano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Comprehension

**Tags**
196868, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**

**Tags**

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196879, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Speaking | 196869, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196871, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196872, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## CEBU 201 - Second-Year Language Study: Cebuano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CEBU | 201 |

**Teaching Area**
CEBU
**Course Title**
Second-Year Language Study: Cebuano
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Cebuano.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

## CEBU 202 - Second-Year Language Study: Cebuano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CEBU | 202 |

**Teaching Area**
CEBU
**Course Title**
Second-Year Language Study: Cebuano
**Course Description**
Continued emphasis on Cebuano communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CEBU 102 - First-Year Language Study: Cebuano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196858, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196861, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196863, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196864, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CEBU 201 - Second-Year Language Study: Cebuano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196850, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196851, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196853, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical

figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196855, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## CEBU 305 - Language Skills Development: Cebuano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CEBU | 305 |

**Teaching Area**
CEBU
**Course Title**
Language Skills Development: Cebuano
**Course Description**
Increasing proficiency in one or more of the following Cebuano language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 196846, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 196847, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of

## CEBU 321 - Advanced Grammar: Cebuano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CEBU | 321 |

**Teaching Area**
CEBU
**Course Title**
Advanced Grammar: Cebuano
**Course Description**
Systematic review of grammar and syntax of Cebuano.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CEBU 202 - Second-Year Language Study: Cebuano

situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196848, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 196840, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 196843, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196844, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## CEBU 330 - Advanced Language Proficiency Through Cultural Studies: Cebuano

### Course Information

**Teaching Area (new)**
CEBU
**Course Number**
330
**Teaching Area**
CEBU
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Cebuano
**Course Description**
Advanced study of literature of Cebuano literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## CEBU 340 - Introduction to Literature: Cebuano

### Course Information

**Teaching Area (new)**
CEBU
**Course Number**
340
**Teaching Area**
CEBU
**Course Title**
Introduction to Literature: Cebuano
**Course Description**
Advanced study of literature of target language. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Cebu 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196833, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196834, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196836, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196838, 4 |

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CEBU 330 - Advanced Language Proficiency Through Cultural Studies: Cebuano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196828, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196829, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196830, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196831, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## CEBU 350 - Advanced Language Study for Career Purposes: Cebuano

### Course Information

Teaching Area (new): CEBU
Course Number: 350
Teaching Area: CEBU
Course Title: Advanced Language Study for Career Purposes: Cebuano
Course Description: Concentration on Cebuano language and culture issues for specific careers.
Department: Language Studies
When Taught: Contact Department

### Credit Hours

Min: 3
Fixed: 3

### Lecture Hours

Fixed: 3

### Lab Hours

Fixed: 0

Simple Requisites

Prerequisites
Type: Prerequisite

Prerequisites
Complete ALL of the following Courses:
- CEBU 330 - Advanced Language Proficiency Through Cultural Studies: Cebuano

Additional Comments:

| Title | Tags |
|---|---|
| Defined Career Purposes | 196821, 1 |

Learning Outcome

## CELL 120 - Science of Biology

### Course Information

Teaching Area (new): CELL
Course Number: 120
Teaching Area: CELL
Course Title: Science of Biology
Course Description: General biology course designed for biological science majors, emphasizing the scientific method, cell theory, biochemical unity, the central dogma, bioenergetics, reproduction, and evolutionary theory. Examples of these biological principles will focus on whole organism biology such as physiology, neuroscience, and developmental biology examples.
Department: Cell Bio & Physiology
When Taught: Fall, Winter, Spring

### Credit Hours

Min: 3
Fixed: 3

### Lecture Hours

Fixed: 3

### Lab Hours

Fixed: 0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Scientific Method | 202565, 0, 0, 2021-06-02 13:21:53 |

Learning Outcome
Understand and be able to use the scientific method: 1. Think critically about the purposes and objectives of scientific studies and data. 2. Become observant of

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196822, 2 |

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196823, 3 |

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196824, 4 |

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196825, 5 |

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196827, 6 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

and data. 2. Become observant of and curious about patterns and processes in living things. 3. Ask essential, specific, answerable questions about observations. 4. Form hypotheses about biological patterns and processes that are testable.

| Title | Tags |
| --- | --- |
| Foundational Concepts | 202648, 0, 0, 2021-06-02 13:21:53 |

Learning Outcome
Understand well the following foundational concepts: 1. Cell theory and biological compartments 2. Chemistry of life (biochemical unity, central dogma) 3. Bioenergetics (biotransformation of energy) 4. Reproduction (fission, mitosis, meiosis) 5. Evolutionary theory

## CELL 205 - Human Biology

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
205

**Teaching Area**
CELL

**Course Title**
Human Biology

**Course Description**
Body systems and influence of heredity.

**Department**
Cell Bio & Physiology

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
For nonbiology majors. Currently offered online only.

## CELL 210 - Human Anatomy (with virtual lab)

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
210

**Teaching Area**
CELL

**Course Title**
Human Anatomy (with virtual lab)

**Course Description**
Structure and function of the human body. Virtual lab experience included.

**Department**
Cell Bio & Physiology

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Pre-professional students should consult the advisement center when choosing between CELL 220 and CELL 210 as some programs require 4 credits of anatomy. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

## CELL 220 - Human Anatomy (with lab)

### Course Information

**Teaching Area (new)**
CELL
**Course Number**
220
**Teaching Area**
CELL
**Course Title**
Human Anatomy (with lab)
**Course Description**
Rigorous, in-depth coverage of the structure and function of the human body. Gross and microscopic anatomy of all major organ systems with their associated organs and tissues. Fundamental physiology concepts in each system are also introduced. Lab instruction includes prosected human cadavers.
**Department**
Cell Bio & Physiology
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
4
**Fixed**
4

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
4

**Fee**
5
**Note**
Pre-professional students should consult the advisement center when choosing between CELL 220 and CELL 210 as some programs require 4 credits of anatomy.

## CELL 295R - Introductory Undergraduate Research in Cell Biology and Physiology

### Course Information

**Teaching Area (new)**
CELL
**Course Number**
295R
**Teaching Area**
CELL
**Course Title**
Introductory Undergraduate Research in Cell Biology and Physiology
**Course Description**
Basic (entry level) research laboratory experience for students interested in cell biology and physiology.
**Department**
Cell Bio & Physiology
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5
**Fixed**
2

**Title**
Experiment Design
**Tags**
211377, 0, 1, 2021-09-05 08:23:20
**Learning Outcome**
Students will design experiments to test scientific hypotheses.

**Title**
Laboratory Experiments
**Tags**
211378, 0, 2, 2021-09-05 08:23:20
**Learning Outcome**
Students will assist others in carrying out laboratory experiments.

## CELL 305 - Human Physiology

### Course Information

**Teaching Area (new)**
CELL
**Course Number**
305
**Teaching Area**
CELL
**Course Title**
Human Physiology
**Course Description**
Function of body organ systems.
**Department**
Cell Bio & Physiology

## CELL 320 - Dissection Techniques in Human Anatomy

### Course Information

**Teaching Area (new)**
CELL
**Course Number**
320
**Teaching Area**
CELL
**Course Title**
Dissection Techniques in Human Anatomy
**Course Description**
Techniques of human cadaver dissection.

Cell Bio & Physiology
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CELL 210 - Human Anatomy (with virtual lab)

Prerequisites

**Complete ALL of the following Courses:**
- CELL 220 - Human Anatomy (with lab)

**Additional Comments:**

**Other Prerequisites**
Chem 101 or equivalent.

**Recommended**
A general biology course

**Note**
Not acceptable for cell biology and physiology, biophysics, or neuroscience majors. Designed for students with basic chemistry/no molecular biology. Students with chemistry/molecular biology should take CELL 362. This course does not include a laboratory experience.

## CELL 325 - Tissue Biology (with lab)

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
325

**Teaching Area**
CELL

**Course Title**
Tissue Biology (with lab)

**Course Description**

**Department**
Cell Bio & Physiology

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CELL 220 - Human Anatomy (with lab)

**Additional Comments:**

## CELL 349R - Cell Biology and Physiology Teaching Experience

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
349R

**Teaching Area**
CELL

**Course Title**
Cell Biology and Physiology Teaching Experience

Human anatomy and histology; function of cells in tissue; early stages of embryology.

**Department**
Cell Bio & Physiology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CELL 210 - Human Anatomy (with virtual lab)

Prerequisites

**Complete ALL of the following Courses:**
- CELL 220 - Human Anatomy (with lab)

**Additional Comments:**

**Note**
NOTE: Course should be taken during a student's second or third year and before courses in physiology and developmental biology. NOTE: Students must register for a both a lecture section and a lab section.

Cell Biology and Physiology Teaching Experience

**Course Description**
Undergraduate student lecture or laboratory teaching assistantship, or other activities that provide students hands-on curriculum design, teaching, and mentoring experiences.

**Department**
Cell Bio & Physiology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
For TA experience, have earned a B or above in the specific Cell Biology and Physiology course; instructor's consent.

| Title | Tags |
|---|---|
| Teaching Experience | 211379, 0, 1, 2021-09-05 08:38:20 |

**Learning Outcome**
Students will demonstrate content mastery and communication skills in teaching course material to other students.

| Title | Tags |
|---|---|
| Mentoring Relationship | 211380, 0, 2, 2021-09-05 08:38:20 |

**Learning Outcome**
Students will develop a close professional relationship with the course instructor.

| Title | Tags |
|---|---|
| Constructive Feedback | 211381, 0, 3, 2021-09-05 08:38:20 |

**Learning Outcome**
Students will respond to constructive feedback from students and the faculty mentor.

## CELL 360 - Cell Biology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CELL | 360 |

**Teaching Area**
CELL

**Course Title**
Cell Biology

## CELL 362 - Advanced Physiology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CELL | 362 |

**Teaching Area**
CELL

**Course Title**
Advanced Physiology

**Course Description**
Fundamentals of cell structure and function with reference to analytical methods used by cell biologists. Practice in designing, executing, and interpreting relative experiments.
**Department**
Cell Bio & Physiology
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 240 - Molecular Biology

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 381M - Fundamentals of Biochemistry

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 481 - Biochemistry.

**Additional Comments:**

**Course Description**
Integrated approach to organ system and cellular physiology. Problem solving/calculations.
**Department**
Cell Bio & Physiology
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 240 - Molecular Biology

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 481 - Biochemistry.

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 381M - Fundamentals of Biochemistry

**Additional Comments:**

**Recommended**
Phscs 106 or Phscs 220
**Note**
Requires background in chemistry and molecular biology. Students without this background should take CELL 305. CELL 362 does NOT include a laboratory experience. Student's needing a physiology lab experience should enroll in CELL 363 (Advanced Physiology Laboratory) in addition to CELL 362.

## CELL 363 - Advanced Physiology Laboratory

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
363

**Teaching Area**
CELL

**Course Title**
Advanced Physiology Laboratory

**Course Description**
Experiments and exercises emphasizing problem solving and calculations in human physiology.

**Department**
Cell Bio & Physiology

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
CELL 305; or CELL 362 or concurrent enrollment; or instructor's consent.

## CELL 365 - Pathophysiology

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
365

**Teaching Area**
CELL

**Course Title**
Pathophysiology

**Course Description**
Variations in physiological mechanisms that account for development of common disturbances in normal control and activities of body's organs and organ systems.

**Department**
Cell Bio & Physiology

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CELL 305 - Human Physiology

Prerequisites

**Complete ALL of the following Courses:**
- CELL 362 - Advanced Physiology

**Additional Comments:**

## CELL 382 - Developmental Biology

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
382

**Teaching Area**
CELL

**Course Title**
Developmental Biology

**Course Description**
Invertebrate and vertebrate developmental biology. Embryonic gastrulation, neurulation, patterning, etc. Modern approaches and research strategies. Emphasizes gene function, cell signaling, signal transduction during embryogenesis.

**Department**
Cell Bio & Physiology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CELL 360 - Cell Biology
  **AND** MMBIO 240 - Molecular Biology

**Additional Comments:**

**Recommended**
Cell 325

## CELL 399R - Academic Internship: Cell Biology and Physiology

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
399R

**Teaching Area**
CELL

**Course Title**
Academic Internship: Cell Biology and Physiology

**Course Description**
On-the-job experience in off-campus laboratories with a focus related to cell biology or physiology.

**Department**
Cell Bio & Physiology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
9

**Other Prerequisites**
Consent of internship coordinator.

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Research Proficiency

**Tags**
202514, 0, 1, 2021-09-05 08:38:41

**Learning Outcome**
Students will demonstrate research proficiency.

**Title**
Research Experience

**Tags**
202610, 0, 1, 2021-09-05 08:38:41

**Learning Outcome**
Students will demonstrate that they have learned how to establish a research experience with an extramural provider.

## CELL 444 - BIO-Innovation and -Entrepreneurship 1

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
444

**Teaching Area**
CELL

**Course Title**
BIO-Innovation and -Entrepreneurship 1

**Course Description**
Students work as a team of consultants for external client life sciences tech companies. Students will develop the materials, strategy, organization, and rationale for successfully attracting investor capital to that business. At the end of the semester, students will know how create and grow a business around an existing foundation technology.

**Department**
Cell Bio & Physiology

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
6 hours of 200-400 level life sciences courses.

## CELL 445 - BIO-Innovation and -Entrepreneurship 2

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
445

**Teaching Area**
CELL

**Course Title**
BIO-Innovation and -Entrepreneurship 2

**Course Description**
Students, as small teams, will search for and validate life sciences technologies or ideas as a potential platform technology on which to form a new business enterprise. At the end of the semester, students will know where new technologies come from and how to assess their potential commercial value.

**Department**
Cell Bio & Physiology

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CELL 444 - BIO-Innovation and -Entrepreneurship 1

**Additional Comments:**

## CELL 450R - Readings and Discussion in Cell Biology and Physiology

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
450R

**Teaching Area**
CELL

**Course Title**
Readings and Discussion in Cell Biology and Physiology

**Course Description**
Close interaction between small groups of students and instructor on topics in cell biology and physiology. Topics vary.

**Department**
Cell Bio & Physiology

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
2

**Title**
Literature Evaluation

**Tags**
211382, 0, 1, 2021-09-05 08:38:56

**Learning Outcome**
Students will develop skills in reading, evaluating, and critiquing current scientific papers.

**Title**
Communication Skills

**Tags**
211383, 0, 2, 2021-09-05 08:38:56

**Learning Outcome**
Students will develop interpersonal skills in scientific communication by working closely with department faculty and graduate students, and presenting information in small group settings.

**Title**
Experimental Application

**Tags**
211384, 0, 3, 2021-09-05 08:38:56

**Learning Outcome**
Students will learn how to design experiments to address important scientific questions in their fields of interest.

## CELL 455R - Cell Biology and Physiology Seminar

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
455R

**Teaching Area**
CELL

**Course Title**
Cell Biology and Physiology Seminar

**Course Description**
Seminar (research) presentations for undergraduates in cell biology and physiology.

**Department**
Cell Bio & Physiology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Scientific Seminar Presentation

**Tags**
202527, 0, 1, 2021-09-05 08:39:12

**Learning Outcome**
Students will be able to demonstrate the format, organization, and presentation of a typical scientific seminar.

**Title**
Scientific Etiquette

**Tags**
202591, 0, 1, 2021-09-05 08:39:12

**Learning Outcome**
Students will demonstrate the proper etiquette of scientific interactions by participating in question/answer periods following each seminar.

# CELL 484 - Human Embryology

## Course Information

**Teaching Area (new)**
CELL

**Course Number**
484

**Teaching Area**
CELL

**Course Title**
Human Embryology

**Course Description**
Developmental milestones of prenatal life: etiology of congenital malformations, emphasizing molecular and cellular changes and their functional consequences.

**Department**
Cell Bio & Physiology

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Cell 360 or equivalent

**Recommended**
Cell 325

# CELL 495R - Advanced Undergraduate Research in Cell Biology and Physiology

## Course Information

**Teaching Area (new)**
CELL

**Course Number**
495R

**Teaching Area**
CELL

**Course Title**
Advanced Undergraduate Research in Cell Biology and Physiology

**Course Description**
Advanced research laboratory experience for students interested in cell biology and physiology.

**Department**
Cell Bio & Physiology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
4

**Simple Requisites**

**Prerequisite Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- CELL 295R - Introductory Undergraduate Research in Cell Biology and Physiology

**Additional Comments:**

| Title | Tags |
|---|---|
| Experiment Design | 202589, 0, 1, 2021-09-05 08:39:35 |

**Learning Outcome**
Students will demonstrate an understanding of hypothesis development and the design of experiments to test hypothesis.

| Title | Tags |
|---|---|
| Independent Experiments | 202617, 0, 1, 2021-09-05 08:39:35 |

**Learning Outcome**
Students will independently carry out laboratory experiments.

| Title | Tags |
|---|---|
| Data Analysis | 202620, 0, 2, 2021-09-05 08:39:35 |

**Learning Outcome**

Students will analyze experimental data and, where appropriate, perform statistical analysis.

## CELL 498 - Advanced Senior Research Project

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
498

**Teaching Area**
CELL

**Course Title**
Advanced Senior Research Project

**Course Description**
Special project course for advanced Cell Biology and Physiology research students. Engaging in scientific research as specified in an approved research proposal. Comprehensive written work of research required.

**Department**
Cell Bio & Physiology

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

**Other Prerequisites**
Instructor's consent must be obtained during previous semester.

## CELL 520R - Advanced Topics in Clinical Human Anatomy

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
520R

**Teaching Area**
CELL

**Course Title**
Advanced Topics in Clinical Human Anatomy

**Course Description**
Applied clinical anatomy lectures and lab exercises.

**Department**
Cell Bio & Physiology

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
2

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CELL 220 - Human Anatomy (with lab)

**Additional Comments:**

**Other Prerequisites**
Or equivalent.

**Title**
Foundational Knowledge of Anatomy

**Tags**
211385, 0, 1, 2021-09-05 08:40:02

Learning Outcome
Students will describe the structures and explain the functional relationships of the course-specific systems.

| Title | Tags |
| --- | --- |
| Application and Integration of Anatomic Knowledge | 211386, 0, 2, 2021-09-05 08:40:02 |

Learning Outcome
Students will translate their basic science knowledge of the course-specific systems toward analyzing and solving clinical cases

| Title | Tags |
| --- | --- |
| Learning How to Learn | 211387, 0, 3, 2021-09-05 08:40:02 |

Learning Outcome
Students will use the essential skills of literature search and critique, case study evaluation, and experimental method in anatomic problem solving.

## CELL 550R - Advanced Topics in Cell Biology and Physiology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CELL | 550R |

**Teaching Area**
CELL
**Course Title**
Advanced Topics in Cell Biology and Physiology
**Course Description**
Advanced undergraduate or graduate-level course in topics relating to cell biology and physiology. Topics vary. 550R courses have a defined curriculum, including graded assignments and exams. Expectations and learning outcomes will be specified in the syllabus.
**Department**
Cell Bio & Physiology
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

## CELL 561 - Physiology of Drug Mechanisms

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CELL | 561 |

**Teaching Area**
CELL
**Course Title**
Physiology of Drug Mechanisms
**Course Description**
Overview of physiological and pharmacological mechanisms and principles of human therapeutics as applied to clinically significant pathophysiology.
**Department**
Cell Bio & Physiology
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

**Title**
Advanced Understanding of Scientific Principles

**Tags**
211388, 0, 1, 2021-09-05 08:40:18

**Learning Outcome**
Students will demonstrate an advanced understanding of scientific principles, ideas, methods, techniques, and trends in modern cell biology and physiology.

**Title**
Critical Analysis of Scientific Literature

**Tags**
211389, 0, 2, 2021-09-05 08:40:18

**Learning Outcome**
Students will read, interpret, evaluate, and discuss cell biology and physiology research papers.

**Title**
Synthesis Project

**Tags**
211390, 0, 3, 2021-09-05 08:40:18

**Learning Outcome**
Students will produce a competent and clearly composed scientific synthesis project (review paper, research proposal, poster presentation, or oral presentation).

2

## Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CELL 362 - Advanced Physiology

**Additional Comments:**

## CELL 562 - Reproductive Physiology

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
562

**Teaching Area**
CELL

**Course Title**
Reproductive Physiology

**Course Description**
Mammalian reproductive physiology.

**Department**
Cell Bio & Physiology

**When Taught**
Fall

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Cell 362 or equivalent

**Recommended**
Chem 481, Cell 382; or equivalents

## CELL 565 - Endocrinology

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
565

**Teaching Area**
CELL

**Course Title**
Endocrinology

**Course Description**
Mammalian hormones.

**Department**
Cell Bio & Physiology

**When Taught**
Winter

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Cell 362 or instructor's consent

## CELL 568 - Cellular Electrophysiology and Biophysics

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
568

**Teaching Area**
CELL

**Course Title**
Cellular Electrophysiology and Biophysics

**Course Description**
Using electrophysiology and biophysics as an approach to study of physiology. Extensive look at ion channels and cell signaling.

**Department**
Cell Bio & Physiology

**When Taught**
Fall

**Credit Hours**

## CELL 570 - Responsible Conduct of Research

### Course Information

**Teaching Area (new)**
CELL

**Course Number**
570

**Teaching Area**
CELL

**Course Title**
Responsible Conduct of Research

**Course Description**
Graduate-level course to instruct students on ethical and responsible conduct on topics such as experimental design, data acquisition, professional and collaborative relationships, authorship, and scientific outreach.\n

**Department**
Cell Bio & Physiology

**When Taught**
Winter

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CELL 362 - Advanced Physiology
  **AND** PHSCS 220 - Introduction to Electricity and Magnetism

Prerequisites

**Complete ALL of the following Courses:**

- CELL 362 - Advanced Physiology
  **AND** PHSCS 225 - Introduction to Experimental Physics

**Additional Comments:**

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

## CELL 582 - Developmental Genetics

### Course Information

**Teaching Area (new)**
CELL
**Course Number**
582
**Teaching Area**
CELL
**Course Title**
Developmental Genetics
**Course Description**
Gene function and regulation during cell specification and differentiation, pattern formation, and organogenesis in developing embryo.
**Department**
Cell Bio & Physiology
**When Taught**
Winter

### Credit Hours

## CFM 105 - Fundamentals of Construction and Facilities Management

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
105
**Teaching Area**
CFM
**Course Title**
Fundamentals of Construction and Facilities Management
**Course Description**
Fundamentals of construction and facilities management including BIM, estimating, scheduling, and construction calculation methods.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Cell 382 or equivalent.

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Fee.

| Title | Tags |
| --- | --- |
| Know the Major | 181389, 0, 1, 2021-04-30 14:20:49 |

Learning Outcome
Understand the scope of the Construction and Facilities Management major by summarizing primary players and career opportunities within and related to the built environment.

| Title | Tags |
| --- | --- |
| Modeling | 181377, 0, 3, 2021-04-30 14:20:49 |

Learning Outcome
Develop a Building Information Model using relevant technology.

| Title | Tags |
| --- | --- |
| Mathematics | 181376, 0, 4, 2021-04-30 14:20:49 |

Learning Outcome
Perform simple quantity takeoffs applying basic construction math.

| Title | Tags |
| --- | --- |
| Construction Projects | 181390, 0, 5, 2021-04-30 14:20:49 |

Learning Outcome
Explain the basic processes of design, estimating, scheduling, project management, and facility management.

# CFM 110 - Fundamentals of Facility and Property Management

## Course Information

**Teaching Area (new)**
CFM

**Course Number**
110

**Teaching Area**
CFM

**Course Title**
Fundamentals of Facility and Property Management

**Course Description**
Overview of the profession of facility and property managaement, including space regulations, finance, project management, and other current practices.

**Department**
Civil & Construction Engr

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Competencies

**Tags**
181293, 0, 1

**Learning Outcome**
Identify and explain the basic competencies of facility and property management, and FPM markets and associations.

**Title**
Space Planning

**Tags**
210953, 0, 2

**Learning Outcome**
Create a space plan from customer requirements.

**Title**
Systems

**Tags**
210954, 0, 3

**Learning Outcome**
Categorize the most common

# CFM 120 - Methods 1 - Structural Systems

## Course Information

**Teaching Area (new)**
CFM

**Course Number**
120

**Teaching Area**
CFM

**Course Title**
Methods 1 - Structural Systems

**Course Description**
Basics of structural components in buildings. The content of this course will help the students understand the importance of these components, and how they are installed in buildings. This brief component overview will look at the materials, processes, and applicable building code basics in buildings.

**Department**
Civil & Construction Engr

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Title**
Systems and Components

**Learning Outcome**
Identify and analyze various types of structural systems commonly used in construction, including their components and functions.

**Title**
System Behaviors

**Learning Outcome**
Describe the principles and theories underlying the behavior of structural systems under different loading conditions.

**Title**

**Learning Outcome**
Evaluate the structural integrity and stability of different building types and materials, considering factors such as gravity loads, lateral forces, and environmental

approaches to HVAC, plumbing, and fire systems.

| Title | Tags |
| --- | --- |
| Contracts | 210955, 0, 4 |

**Learning Outcome**
Contrast the structures of the three main service and outsourcing contracts.

| Title | Tags |
| --- | --- |
| Scope Document | 210956, 0, 5 |

**Learning Outcome**
Develop a scope document for the commonly required elements of operations and maintenance in an office building.

| Title | Tags |
| --- | --- |
| Asset Register | 210957, 0, 6 |

**Learning Outcome**
Create a capital asset register.

| Title | Tags |
| --- | --- |
| Operating Budget | 210958, 0, 7 |

**Learning Outcome**
Develop a zero-based operating budget.

| Title | Tags |
| --- | --- |
| Facility and Property Management | 210959, 0, 8 |

**Learning Outcome**
Contrast facility management and property management in terms of management and financial goals.

| Title | Tags |
| --- | --- |
| Sustainability | 210960, 0, 9 |

**Learning Outcome**
Analyze sustainability trends and evaluate effective implementation in FM practice.

| Title | Tags |
| --- | --- |
| Requirements | 210961, 0, 10 |

**Learning Outcome**
Distinguish between standards

Material Performance

impacts.

**Learning Outcome**
Apply mathematical and computational techniques to analyze and design structural systems, considering factors such as material strength, stability, and safety.

**Title**
Design

**Learning Outcome**
Assess the impact of building codes, regulations, and standards on the design and construction of structural systems, ensuring compliance with legal and safety requirements.

**Title**
Standards and Codes

Distinguish between standards, codes, and laws.

## CFM 199R - Technical Internship

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
199R
**Teaching Area**
CFM
**Course Title**
Technical Internship
**Course Description**
Cooperative education and related technical on-the-job work experience.
**Department**
Civil & Construction Engr
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1
**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding. Follow the Department Pre-registration Instructions prior to Internship Application

**Title**
Application
**Tags**
181290, 0, 1
**Learning Outcome**
Gain facilities management experience by applying FM principles in a technical internship.

**Title**
Communication
**Tags**
181291, 0, 2
**Learning Outcome**
Demonstrate professional communication skills in a report

## CFM 213 - Construction Surveying and Layout

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
213
**Teaching Area**
CFM
**Course Title**
Construction Surveying and Layout
**Course Description**
Construction surveying and layout using traditional as well as advanced tools and techniques. Hands on training with construction survey tools including: hand tools, leveling instruments, total stations, robotic total stations, global positioning systems, and developing surveying technologies.
**Department**
Civil & Construction Engr
**When Taught**
Fall

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 111 - Trigonometry

**Additional Comments:**

**Title**
Tools and Techniques
**Tags**
209910, 0, 2
**Learning Outcome**

communication skills in a report.

| Title | Tags |
| --- | --- |
| Reflection | 181292, 0, 3 |

**Learning Outcome**
Use reflective thinking to convert professional experience into academic understanding.

Discover and use construction surveying and layout tools and techniques.

| Title | Tags |
| --- | --- |
| Communication | 209911, 0, 3 |

**Learning Outcome**
Demonstrate effective communication practices in geomatics through fieldbooks and observed lab procedures.

| Title | Tags |
| --- | --- |
| Safety | 209912, 0, 4 |

**Learning Outcome**
Apply safe and efficient fieldwork practices in the classroom, lab, and field environment.

| Title | Tags |
| --- | --- |
| Ability | 209913, 0, 5 |

**Learning Outcome**
Demonstrate surveying and building layout skills by completing layout tasks with accuracy and precision.

| Title | Tags |
| --- | --- |
| Solve Problems | 209914, 0, 6 |

**Learning Outcome**
Solve complex geomatics problems using appropriate tools and practiced field techniques.

| Title | Tags |
| --- | --- |
| Proficiency | 209915, 0, 7 |

**Learning Outcome**
Demonstrate proficiency in operating modern surveying tools by providing solutions to current geomatics challenges.

## CFM 220 - Methods 2 - Building Systems

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 220 |

Teaching Area

## CFM 241 - Electrical Systems in Construction

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 241 |

CFM
**Course Title**
Methods 2 - Building Systems
**Course Description**
Building Systems is an introduction to the electrical, plumbing, and HVAC systems in buildings. The content of this course will help the students understand how these systems operate and how they contribute to our personal comfort and productivity. This brief systems overview will look at the infrastructure that provides the public utility services we need and how we use those utilities in our buildings, including history, design, materials, equipment, fixtures, etc.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

| Title | Learning Outcome |
|---|---|
| Building Systems Construction | Demonstrate knowledge of quality MEP construction processes associated with effectively managing the workforce and trade coordination. |

| Title | Learning Outcome |
|---|---|
| Building Systems Components | Identify and explain electrical, plumbing, mechanical, controls, and fire suppression components and their application in building systems. |

| Title | Learning Outcome |
|---|---|
| Standards and Codes | Interpret applicable standards and safety practices of the industry and apply codes to MEP installation. |

| | Learning Outcome |
|---|---|

CFM 241
**Teaching Area**
CFM
**Course Title**
Electrical Systems in Construction
**Course Description**
Developing a basic understanding of electrical construction and associated codes to effectively communicate and problem solve with electrical contractors and inspect their work.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

| Title | Tags | Learning Outcome |
|---|---|---|
| Electrical Construction | 181410, 0, 1 | Demonstrate knowledge of quality electrical construction processes associated with effectively managing the work force and trade coordination. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Electrical Components | 181407, 0, 2 | Identify and explain electrical components and their application in electrical systems. |

| Title | Tags | Learning Outcome |
|---|---|---|
| National Electrical Code | 181408, 0, 3 | Interpret the National Electrical Code, standards, and safety practices of the industry and apply codes to electrical installation. |

| Title | Learning Outcome |
| --- | --- |
| Testing and Inspection | Summarize testing and inspection requirements of building systems. |

| Title | Learning Outcome |
| --- | --- |
| Design | Design the critical building systems of a single-family home that meets code requirements. |

| Title | Tags | Learning Outcome |
| --- | --- | --- |
| Quality | 181411, 0, 4 | Evaluate installation processes and quality of electrical and control systems. |

| Title | Tags | Learning Outcome |
| --- | --- | --- |
| Design | 181409, 0, 11 | Create the design for the electrical system of a single-family home that meets NEC code requirements. |

## CFM 291R - Undergraduate Seminar

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
291R
**Teaching Area**
CFM
**Course Title**
Undergraduate Seminar
**Course Description**
Topics or issues in Construction and Facilities Management are presented and discussed.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5
**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Note**
Required each semester for undergraduate majors who are not enrolled in 491R. School lecture series attendance required.

## CFM 305 - Concrete, Masonry, and Asphalt Methods

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
305
**Teaching Area**
CFM
**Course Title**
Concrete, Masonry, and Asphalt Methods
**Course Description**
Managing concrete, masonry, and asphalt construction including estimating, controls, quality, and safety.
**Department**
Civil & Construction Engr
**When Taught**
Fall Term 1; Winter Term 1.

### Credit Hours

**Min**
1.5
**Fixed**
1.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Simple Requisites**

in 491R. School lecture series attendance required.

| Title | Tags |
| --- | --- |
| Industry Exposure | 181414, 0, 1 |

**Learning Outcome**
Participate in industry seminars that discuss the skills needed and opportunities available in the construction industry.

| Title | Tags |
| --- | --- |
| Relationships | 181413, 0, 2 |

**Learning Outcome**
Develop relationships and camaraderie by partipating in Consruction Management activities.

| Title | Tags |
| --- | --- |
| Service | 181415, 0, 3 |

**Learning Outcome**
Develop responsibility to family, church, and community by serving others.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CCE 203 - Engineering Mechanics--Mechanics of Materials **AND** STAT 121 - Principles of Statistics

Prerequisites

**Complete ALL of the following Courses:**
- CCE 203 - Engineering Mechanics--Mechanics of Materials **AND** STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

## CFM 311 - Estimating Processes

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 311 |

**Teaching Area**
CFM
**Course Title**
Estimating Processes
**Course Description**
The application of a basic understanding of construction materials and methods to effectively compile, organize, and analyze all items that influence and contribute to the total cost of construction projects. This includes maximizing estimating labor, materials, equipment, indirect costs, and subcontractor bidding processes effectively through software and computer integration.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## CFM 312 - Construction Scheduling and Cost Control

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 312 |

**Teaching Area**
CFM
**Course Title**
Construction Scheduling and Cost Control
**Course Description**
Planning, scheduling, and monitoring construction projects, including development and implementation of critical path networks, management controls, and reporting mechanisms. Modern scheduling software is also applied through a culminating portfolio project.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 105 - Fundamentals of Construction and Facilities Management

**Additional Comments:**

| | |
|---|---|
| **Title**<br>Estimating | **Learning Outcome**<br>Plan and develop methods of quantity take-off and estimating processes to demonstrate accuracy, organization, and attention to detail. |
| **Title**<br>Drawings and Specifications | **Learning Outcome**<br>Analyze and interpret construction drawings and specifications as they pertain to quantity take-offs. |
| **Title**<br>Quality | **Learning Outcome**<br>Compare and contrast quality levels and pricing of various construction materials and methods. |
| **Title**<br>Technology | **Learning Outcome**<br>Utilize advanced technology applications to create accurate and organized estimates. |
| **Title**<br>Sustainability | **Learning Outcome**<br>Synthesize data and information from various sources to understand basic life-cycle cost analysis. |
| **Title** | **Learning Outcome**<br>Understand ethical dilemmas associated with estimating in the |

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 105 - Fundamentals of Construction and Facilities Management

**Additional Comments:**

| | |
|---|---|
| **Title**<br>Scheduling | **Tags**<br>181471, 0, 1 |
| **Learning Outcome**<br>Design, develop, and control residential, commercial, industrial, infrastructure, or engineering scheduling projects. | |
| **Title**<br>Schedule Application | **Tags**<br>181464, 0, 2 |
| **Learning Outcome**<br>Illustrate and evaluate the critical path method (CPM), identifying types of float and their importance to successful project completion. | |
| **Title**<br>Documents | **Tags**<br>181469, 0, 3 |
| **Learning Outcome**<br>Create and communicate visual schedules. | |
| **Title**<br>Resource Management | **Tags**<br>181470, 0, 4 |
| **Learning Outcome**<br>Correlate manpower, equipment, and cost loading to the schedule. Analyze and modify resource loaded schedules. | |
| **Title** | **Tags** |

| Title | |
|---|---|
| Ethics | associated with estimating in the built environment. |

| Title | Tags |
|---|---|
| Budgeting | 181467, 0, 5 |

**Learning Outcome**
Control, accurately report, and predict project progress and costs.

| Title | Tags |
|---|---|
| Software | 181468, 0, 6 |

**Learning Outcome**
Demonstrate the ability to use modern software in scheduling.

| Title | Tags |
|---|---|
| Ethics | 181465, 0, 7 |

**Learning Outcome**
Evaluate ethical issues relating to construction scheduling.

| Title | Tags |
|---|---|
| Project Management | 181463, 0, 8 |

**Learning Outcome**
Apply project controls, schedule updates, etc. as a manager.

## CFM 317R - ASC Competition

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
317R
**Teaching Area**
CFM
**Course Title**
ASC Competition
**Course Description**
A culminating experience, emphasizing the application of knowledge and skills gained through students' undergraduate careers. Students participate in an industry-sponsored competition organized by the Associated Schools of Construction (ASC). Preparation for, and participation in the competition deepens an understanding of real-world challenges toward solution-finding in the built environment.
**Department**
Civil & Construction Engr
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

## CFM 318R - NAHB Competition

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
318R
**Teaching Area**
CFM
**Course Title**
NAHB Competition
**Course Description**
A culminating experience, emphasizing the application of knowledge and skills gained through students' undergraduate careers. Students participate in an industry-sponsored competition organized by the National Association of Home Builders (NAHB). Preparation for, and participation in the competition deepens an understanding of real-world challenges toward solution-finding in the built environment.
**Department**
Civil & Construction Engr
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 105 - Fundamentals of Construction and Facilities Management

**Additional Comments:**

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 105 - Fundamentals of Construction and Facilities Management

**Additional Comments:**

| Title | Tags | Learning Outcome |
|---|---|---|
| Communication | 181547, 1 | Deliver technical knowledge through written and/or oral presentations. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Communication | 181550, 1 | Deliver technical knowledge through written and/or oral presentations. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Application | 181548, 2 | Create a product that demonstrates an understanding of technical issues, the ability to analyze relevant information, and develop potential solutions. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Application | 181551, 2 | Create a product that demonstrates an understanding of technical issues, the ability to analyze relevant information, and develop potential solutions. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Reflection | 181549, 3 | Conduct a self-reflection of the experience(s) to identify areas of effort, contributions and personal growth. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Reflection | 181552, 3 | Conduct a self-reflection of the experience(s) to identify areas of effort, contributions and personal growth. |

## CFM 320 - Advanced Building Systems

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CFM | 320 |

## CFM 333 - Sustainable Design and Architecture

### Course Information

**Course Number**

**Teaching Area**
CFM
**Course Title**
Advanced Building Systems
**Course Description**
Understanding and managing large MEP systems; utility infrastructure planning and development, performing system assessments; performing energy, sustainability, and retro-commissioning cost-benefit analysis; understanding system outputs, metering, and costs; code compliance and problem solving.
**Department**
Civil & Construction Engr
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 220 - Methods 2 - Building Systems

**Additional Comments:**

| Title | Tags |
|---|---|
| Analyze and Design Building Systems | 181133, 0, 1 |

**Learning Outcome**
Students will be able to analyze the specific requirements of a construction project and design appropriate Mechanical, Electrical, and Plumbing (MEP) systems that meet project needs efficiently and sustainably.

| Title | Tags |
|---|---|
| Evaluate Energy Efficiency | 181202, 0, 3 |

333
**Teaching Area**
CFM
**Course Title**
Sustainable Design and Architecture
**Course Description**
The application of fundamental architectural design processes, combined with key principles of sustainability, to design buildings for various commercial, residential, and institutional uses. The course includes elements of architectural design theory, building form-finding, integrating projects with the natural environment and community infrastructure/services, evaluating building envelopes and internal systems, analyzing embodied and operational carbon loads, and building life-cycle assessments.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Learning Outcome |
|---|---|
| Fundamentals of Sustainability | Understand principles of sustainability related to the built environment, including social, economic, and environmental impacts. |

| Title | Learning Outcome |
|---|---|
| Fundamentals of Architectural Design | Understand fundamental principles of intentional architectural design and interactions of the built, natural, and social environments. |

| Title | Learning Outcome |
|---|---|
| Architectural Theory | Apply principles of architectural design theory related to building siting (external impacts of climate, solar position, landscaping, topography, etc.) |

Learning Outcome
Students will demonstrate the ability to evaluate and implement energy-efficient strategies in building systems, taking into account current industry standards and sustainable building practices.

Title
Optimize System Outputs

Tags
181120, 0, 4

Learning Outcome
Students will be capable of optimizing building system outputs, including heating, cooling, ventilation, and lighting, to maximize performance and comfort while minimizing energy consumption and operational costs.

Title
Budgeting and Cost Estimation

Tags
181222, 0, 2

Learning Outcome
Develop skills in estimating the costs associated with installing, operating, and maintaining large building systems and perform cost-benefit analyses for retro-commissioning projects.

Title
Infrastructure Planning

Tags
181151, 0, 6

Learning Outcome
Understand the planning and development of utility infrastructure within the context of a construction project, including connections to power grids, water supply, and waste management.

Title
Condition Assessment and Maintenance Planning

Tags
181037, 0, 7

Learning Outcome
Students will learn how to conduct condition assessments of existing building systems, identify maintenance needs, and develop maintenance plans to ensure system longevity and reliability.

Title
Form Finding

Learning Outcome
Apply principles of architectural design theory to structure form finding.

Title
Building System Design

Learning Outcome
Apply principles of architectural design theory to building internal system selection and design.

Title
Building Envelopes

Learning Outcome
Model and calculate building envelopes and performance.

Title
Embodied/Operational Carbon

Learning Outcome
Model and calculate embodied and operational carbon loads of buildings.

Title
Life Cycle Analysis

Learning Outcome
Conduct lifecycle assessments of buildings.

| Title | Tags |
| --- | --- |
| Code Compliance and Regulations | 181271, 0, 8 |

**Learning Outcome**
Demonstrate a deep understanding of relevant MEP codes and regulations, interpreting and applying them to ensure that all systems meet legal requirements and safety standards.

| Title | Learning Outcome |
| --- | --- |
| Technology Integration | Integrate the latest technological advancements in building systems, such as Building Information Modeling (BIM) and Building Automation Systems (BAS), into project planning and management. |

| Title | Learning Outcome |
| --- | --- |
| Sustainability and Environmental Impact | Recognize and address the environmental impact of building systems, incorporating sustainable practices and technologies to reduce energy consumption and minimize the carbon footprint of construction projects. |

## CFM 340 - Operations and Maintenance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 340 |

**Teaching Area**
CFM
**Course Title**
Operations and Maintenance
**Course Description**
Acquisition, operation, maintenance, and disposal of building systems, structures, permanent interiors, furniture, and equipment; grounds and other exterior elements.
**Department**
Civil & Construction Engr
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

## CFM 342 - Earthwork and Construction Equipment

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 342 |

**Teaching Area**
CFM
**Course Title**
Earthwork and Construction Equipment
**Course Description**
Introduction to basic soil properties and earthwork construction processes. Interpreting and using heavy civil construction documents including civil construction plansets, specifications, and geotechnical reports. Solving cost, cycle time, and productivity for earthwork construction equipment.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CFM 110 - Fundamentals of Facility and Property Management

**Additional Comments:**

| Title | Tags |
|---|---|
| Maintenance | 181321, 0, 1 |

Learning Outcome
Identify and explain processes and procedures associated with maintenance of building interior and exterior structures.

| Title | Tags |
|---|---|
| Systems | 210963, 0, 2 |

Learning Outcome
Identify and explain management processes associated with building energy systems and building control and emergency communication systems.

| Title | Tags |
|---|---|
| Waste | 210964, 0, 3 |

Learning Outcome
Describe custoidal and waste disposal processes.

| Title | Tags |
|---|---|
| Grounds | 210965, 0, 4 |

Learning Outcome
Describe processes for maintaining grounds, parking, and landscaping.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Learning Outcome |
|---|---|
| Soils | Identify and explain basic soil properties, behavior and testing processes, and construction application. |
| Earthwork Estimating | Apply mass-haul principles for selecting equipment and determining haul distances and quantities. |
| Civil Construction Documents | Interpret and use civil construction drawings, specifications, and geotechnical reports. |
| Equipment Productivity | Solve cost, cycle time, and productivity for earthwork construction equipment. |
| Civil Construction Safety | Explain safety practices associated with soils and equipment. |

| Title | Tags |
| --- | --- |
| Operations | 210966, 0, 5 |

**Learning Outcome**
Create and demonstrate how to implement standards, practices, policies, and procedures for fundamental FM systems and processes.

| Title | Tags |
| --- | --- |
| Cost | 210967, 0, 6 |

**Learning Outcome**
Analyze building operating costs and capital expenditures.

| Title | Tags |
| --- | --- |
| Diagnostics and Assessment | 210968, 0, 7 |

**Learning Outcome**
Perform building diagnostics and needs assessments.

## CFM 345 - Construction Safety Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 345 |

**Teaching Area**
CFM
**Course Title**
Construction Safety Management
**Course Description**
Protecting the lives and well being of employees is a value. Students learn safety requirements and responsibilities in construction; the cost and impact of accidents; accident investigation; safety inspection; hazards analysis; record keeping; and instituting a culture of safety.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**

## CFM 350 - International Construction Practices

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 350 |

**Teaching Area**
CFM
**Course Title**
International Construction Practices
**Course Description**
Interacting with international construction professional, including construction terminology, plan reading, metric measurements, estimating, scheduling, and project management practices.
**Department**
Civil & Construction Engr
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Safety | 181448, 0, 1 |

Learning Outcome
Create a safety program as part of a team utilizing course materials and OSHA regulations for use in a construction company.

| Title | Tags |
| --- | --- |
| OSHA | 181446, 0, 2 |

Learning Outcome
Demonstrate ability to navigate OSHA's 1926 document in order to determine regulatory compliance of projects

| Title | Tags |
| --- | --- |
| Safety Risks | 181447, 0, 3 |

Learning Outcome
Demonstrate ability to identify safety risks on jobsites.

| Title | Tags |
| --- | --- |
| EMR and Insurance | 181445, 0, 4 |

Learning Outcome
Determine the financial impacts of experience modification rates (EMR) and worker's compensation insurance premiums and how it affects the profitability of construction companies.

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CFM 105 - Fundamentals of Construction and Facilities Management

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Safety in an International Setting | 181450, 5 |

Learning Outcome
Understand and implement safety principles and practices in an international setting.

| Title | Tags |
| --- | --- |
| International Codes | 181451, 2 |

Learning Outcome
Understand the importance of and be able to apply proper building codes in an international setting.

| Title | Tags |
| --- | --- |
| International Drawings & Specifications | 181452, 4 |

Learning Outcome
Ability to work with international structural drawings and specifications.

| Title | Tags |
| --- | --- |
| International Construction Methods | 181453, 3 |

Learning Outcome
Understand international construction methods, materials, and challenges.

| Title | Tags |
| --- | --- |
| Assessment | 181454, 6 |

Learning Outcome

Learning Outcome
Assessment of the above learning outcomes is performed through instructor analysis of homework, exams, classroom observations, student feedback, and course evaluations.

| Title | Tags |
| --- | --- |
| Ethics | 181455, 1 |

Learning Outcome
Enhance ethical construction management skills.

## CFM 385 - Construction Contracts and Law

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 385 |

Teaching Area
CFM
Course Title
Construction Contracts and Law
Course Description
Contractual literacy and the role of contracts in communication, risk assignment, legal compliance, and setting expectations between parties. Related themes of liability analysis, ethics, negotiation and conflict resolution are also explored. Key legislation and government organizations/agencies are reviewed related to construction, development, and associated businesses.
Department
Civil & Construction Engr
When Taught
Fall and Winter

#### Credit Hours

Min
2
Fixed
2

#### Lecture Hours

Fixed
2

#### Lab Hours

Fixed
0

Learning Outcome
Understand the principle

## CFM 399R - Capstone Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 399R |

Teaching Area
CFM
Course Title
Capstone Internship
Course Description
Cooperative education and related facility and property management on-the-job work experience. Project report required for IFMA Facility Management Professional (FMP) designation.
Department
Civil & Construction Engr
When Taught
All Semesters/Terms

#### Credit Hours

Min
1
Fixed
1

#### Lecture Hours

Fixed
0

#### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

| | |
|---|---|
| Title<br>Contracts Fundamentals | components of contracts, and common contract types in construction and development. |

| | |
|---|---|
| Title<br>Liability and Risk | Learning Outcome<br>Conduct risk analysis of construction contracts, categorize project and business liabilities, and plan mitigation strategies. |

| | |
|---|---|
| Title<br>General Conditions | Learning Outcome<br>Understand typical general conditions for construction contracts (e.g. delays, liquidated damages, insurance requirements, bonding, etc.) |

| | |
|---|---|
| Title<br>Authorities Having Jurisdiction | Learning Outcome<br>Identify authorities having jurisdictional oversight over development and construction activities, their scopes, and how to interact with them. |

| | |
|---|---|
| Title<br>Key Legislation | Learning Outcome<br>Understand key labor, discrimination, safety, and environmental standards/legislation related to the construction industry. |

| | |
|---|---|
| Title<br>Project Delivery Methods | Learning Outcome<br>Analyze project conditions, map appropriate project delivery methods, and detail key scopes. |

| | |
|---|---|
| Title<br>Ethics | Learning Outcome<br>Understand common legal and ethical pitfalls/dilemmas, and demonstrate how to navigate them in construction, development, and general business activities. |

| | |
|---|---|
| Title<br>Negotiation and Conflict Resolution | Learning Outcome<br>Apply negotiation strategies to typical construction and business scenarios. |

Prerequisites

**Complete ALL of the following Courses:**

- CFM 110 - Fundamentals of Facility and Property Management

**Additional Comments:**

**Other Prerequisites**

This course requires departmental approval. See cet-interns.groups.et.byu.net for more information

**Note**

Students are required to complete at least 8 of the 15 possible learning outcomes and demonstrate completion in their final paper. Follow the Department Pre-registration Instructions prior to Internship Application. An APPROVED Internship Application required before adding.

| Title | Tags |
|---|---|
| Application | 181541, 0, 1 |

Learning Outcome
Apply content learned in the FPM program in a professional setting with an external company.

| Title | Tags |
|---|---|
| Communication | 210969, 0, 2 |

Learning Outcome
Demonstrate professional communication skills in a closeout report.

| Title | Tags |
|---|---|
| Analysis | 210970, 0, 3 |

Learning Outcome
Analyze issues discovered in a job setting and suggest improvement ideas.

## CFM 400 - Managing High Performance Buildings

### Course Information

**Teaching Area (new)**
CFM

**Course Number**
400

**Teaching Area**
CFM

**Course Title**
Managing High Performance Buildings

**Course Description**
Evolving technologies, energy performance, codes, safety, and financial expectations for high performance buildings. Prepare capital and operating budgets with a focus on Total Cost of Ownership financial modeling.

**Department**
Civil & Construction Engr

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 311 - Estimating Processes
- CFM 320 - Advanced Building Systems

**Additional Comments:**

**Title**
Critical Environment

**Tags**
181528, 0, 1

**Learning Outcome**
Assess mission criticality, risk, and the need for redundancy in the critical environment across a broad range of industries.

## CFM 411 - Pre-Construction Services

### Course Information

**Teaching Area (new)**
CFM

**Course Number**
411

**Teaching Area**
CFM

**Course Title**
Pre-Construction Services

**Course Description**
Managing preconstruction services including: Building Information Modeling (BIM), competitive bidding strategies, bid analysis, document management, site work, quantity takeoff, and cost estimation.

**Department**
Civil & Construction Engr

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 311 - Estimating Processes

**Additional Comments:**

**Title**
Preconstruction

**Tags**
181308, 0, 1

**Learning Outcome**
Evaluate project design based on cost and constructability.

**Title**
Technology

**Tags**
181309, 0, 2

**Learning Outcome**
Understand current technologies

| Title | Tags |
| --- | --- |
| Analysis | 210971, 0, 2 |

**Learning Outcome**
Analyze problems with data center support infrastructure and devise potential solutions.

| Title | Tags |
| --- | --- |
| Design Concepts | 210972, 0, 3 |

**Learning Outcome**
Contrast the most common data center support infrastructure design concepts with normal building systems.

| Title | Tags |
| --- | --- |
| Air Quality | 210973, 0, 4 |

**Learning Outcome**
Differentiate how air quality is controlled in critical environments.

| Title | Tags |
| --- | --- |
| Hospitals | 210974, 0, 5 |

**Learning Outcome**
Articulate how the FM requirements for the critical environment in hospitals differ from those for other critical environments.

in the preconstruction process and their applications.

| Title | Tags |
| --- | --- |
| Cost Estimates | 181310, 0, 3 |

**Learning Outcome**
Create and evaluate various levels of cost estimates using parametric data, detailed quantity takeoffs, and bid analysis/leveling based on construction documents.

| Title | Tags |
| --- | --- |
| Analyze | 181311, 0, 4 |

**Learning Outcome**
Analyze and evaluate scopes of work and related bid packages.

| Title | Tags |
| --- | --- |
| Ethics | 181312, 0, 5 |

**Learning Outcome**
Evaluate ethical issues in preconstruction using class discussion and case studies.

## CFM 415 - Construction Project Management and Control

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 415 |

**Teaching Area**
CFM
**Course Title**
Construction Project Management and Control
**Course Description**
Managing and controlling construction projects. Planning, startup procedures, inspections, progress measurements, field reports, change order and submittal processing, equipment management, and project closeout.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

## CFM 420 - Commercial Real Estate Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 420 |

**Teaching Area**
CFM
**Course Title**
Commercial Real Estate Management
**Course Description**
Fundamentals of commercial real estate investment, understanding market influences, contracts and property portfolio management.
**Department**
Civil & Construction Engr
**When Taught**
Fall

### Credit Hours

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 311 - Estimating Processes

**Additional Comments:**

| Title | Tags |
|---|---|
| Time and Planning Management | 181473, 0, 1 |

Learning Outcome
Evaluate planning and time dependencies on a project.

| Title | Tags |
|---|---|
| Cost Flows | 181476, 0, 2 |

Learning Outcome
Classify basic cost flows and evaluate project budgets.

| Title | Tags |
|---|---|
| Leadership | 181482, 0, 3 |

Learning Outcome
Explain principles of effective leadership.

| Title | Tags |
|---|---|
| Delivery Methods | 181479, 0, 4 |

Learning Outcome
Break down and compare different project delivery methods.

Min
4

Fixed
4

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 311 - Estimating Processes

**Additional Comments:**

| Title | Tags |
|---|---|
| Commercial Rental Properties | 181323, 0, 1 |

Learning Outcome
Define and explain lease and mortgage types, property valuation, operational and financial management of rental properties, and the role of the property manager in creating value.

| Title | Tags |
|---|---|
| Mortgages | 210975, 0, 2 |

Learning Outcome
Develop a mortgage schedule and assess the impact of various payment strategies on term and interest paid.

| Title | Tags |
|---|---|
| Cost-Benefit Analysis | 210976, 0, 3 |

Learning Outcome
Perform a cost-benefit analysis for a rental building upgrade using the income capitalization approach.

| Title | Tags |
| --- | --- |
| Team Dynamics | 181475, 0, 5 |

**Learning Outcome**
Explain project team dynamics and analyze appraisals.

| Title | Tags |
| --- | --- |
| Subcontracts | 181481, 0, 6 |

**Learning Outcome**
Role play how to properly manage subcontracts and subcontractor relationships through written assignments.

| Title | Tags |
| --- | --- |
| Purchasing and Buyout | 181477, 0, 7 |

**Learning Outcome**
Create subcontracts and purchase orders to demonstrate purchasing and buyout processes.

| Title | Tags |
| --- | --- |
| Labor Issues | 181472, 0, 8 |

**Learning Outcome**
Explain how labor unions and construction contractor relationships affect construction practice.

| Title | Tags |
| --- | --- |
| Computers and Software | 181484, 0, 9 |

**Learning Outcome**
Create communication and record keeping documents using computerized project management software.

| Title | Tags |
| --- | --- |
| Reading & Interpreting Documents | 181474, 0, 10 |

**Learning Outcome**
Analyze and interpret construction documents and specifications.

| Title | Tags |
| --- | --- |
| Ethics | 181480, 0, 11 |

**Learning Outcome**

| Title | Tags |
| --- | --- |
| Profit and Loss | 210977, 0, 4 |

**Learning Outcome**
Create a P&L for a rental complex and analyze the impact of operational changes to the property's financial situation.

| Title | Tags |
| --- | --- |
| Rent Concessions | 210978, 0, 5 |

**Learning Outcome**
Evaluate the impact of granting rent concessions in different ways.

| Title | Tags |
| --- | --- |
| Property Value | 210979, 0, 6 |

**Learning Outcome**
Analyze the current situation of a residential complex and develop a management strategy to increase the property's value.

| Title | Tags |
| --- | --- |
| Management | 210980, 0, 7 |

**Learning Outcome**
Contrast the management of residential properties with office buildings and shopping centers.

Learning Outcome
Evaluate ethical dilemmas associated with project management.

## CFM 425 - Construction Accounting

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
425
**Teaching Area**
CFM
**Course Title**
Construction Accounting
**Course Description**
Cost and managerial accounting topics for construction companies, including break-even analysis, ratio analysis, capital budgeting, job cost systems, master budgets pricing and decision-making, allocating costs.
**Department**
Civil & Construction Engr
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- ACC 200 - Principles of Accounting

**Additional Comments:**

**Title**
Payroll
**Tags**
181487, 1

Learning Outcome

## CFM 426 - Real Estate Development

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
426
**Teaching Area**
CFM
**Course Title**
Real Estate Development
**Course Description**
The iterative processes of real estate development, including market analysis, coordination with local governments, designing development concepts, estimating and financial forecasting, identifying and engaging stakeholders, sequencing the timing of development activities to create project schedules, considering sales/marketing within the process, and communicating development plans and proposals (written and oral) to various audiences.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- CFM 311 - Estimating Processes
  **AND** ACC 200 - Principles of Accounting

**Additional Comments:**

Understand payroll management and labor burden issues in the construction industry.

| Title | Tags |
| --- | --- |
| Basic Financial Knowledge | 181488, 0 |

**Learning Outcome**
Understand basic financial statements and double-entry accounting theory in the construction industry.

| Title | Tags |
| --- | --- |
| Accounting | 181489, 2 |

**Learning Outcome**
Understand managerial accounting theory, including how to interpret financial statements using ratio analysis, break-even analysis, trend analysis, etc.

| Title | Tags |
| --- | --- |
| Accounting Controls | 181490, 3 |

**Learning Outcome**
Understand internal accounting controls in construction companies.

| Title | Tags |
| --- | --- |
| Computers & Accounting | 181491, 4 |

**Learning Outcome**
Ability to use a computer-accounting program, understand the relationship between the different accounting modules, and generate managerial financial reports.

| Title | Tags |
| --- | --- |
| Revenue Recognition | 181492, 5 |

**Learning Outcome**
Understand revenue recognition options for construction companies.

| Title | Tags |
| --- | --- |
| Market Analysis | 181494, 0, 2 |

**Learning Outcome**
Conduct market studies, needs assessments, and demographic analysis in real estate development planning.

| Title | Tags |
| --- | --- |
| Public Governance in Development | 181495, 0, 3 |

**Learning Outcome**
Understand public processes and analyze municipal planning and zoning ordinances, procedures, and other regulations.

| Title | Tags |
| --- | --- |
| General Arrangement Design | 181497, 0, 4 |

**Learning Outcome**
Create a project general arrangement plan that addresses site constraints (topography, open water, climate exposures, etc.), infrastructure, traffic flows, adjacent buildings and services (urban planning), zoning ordinance requirements.

| Title | Tags |
| --- | --- |
| Estimating | 181496, 0, 6 |

**Learning Outcome**
Analyze development activities and estimate associated soft and hard costs.

| Title | Tags |
| --- | --- |
| Financial Forecasting | 210948, 0, 7 |

**Learning Outcome**
Apply basic principles of TVM to evaluate financial performance of developments and create basic project financial pro formas.

| Title | Learning Outcome |
| --- | --- |
| Financial Planning | Understand how development projects are financed, and create a project finance plan. |

| Title | Learning Outcome |
| --- | --- |
| | Analyze stakeholder interests |

| | |
|---|---|
| Title<br>Stakeholders Engagement and Management | and impacts in development, and create engagement and management plans. |

| | |
|---|---|
| Title<br>Scheduling | Learning Outcome<br>Organize the sequence of development activities and create a project schedule. |

| | |
|---|---|
| Title<br>Communication | Learning Outcome<br>Communicate complex ideas and proposals clearly and persuasively to both specialized and non-specialized audiences, utilizing various mediums such as written reports, oral presentations, and visual aids. |

## CFM 433 - Design Studio

### Course Information

**Course Number**
433
**Teaching Area**
CFM
**Course Title**
Design Studio
**Course Description**
The design studio course engages students in comprehensive design projects, emphasizing critical thinking, sustainable practices, and social awareness in architectural design. Students explore diverse typologies and scales, employing advanced digital tools and interdisciplinary perspectives. The course integrates hands-on exercises, design critiques, and real-world insights to foster a holistic understanding of contemporary architectural practice and the societal impact of design decisions. By the end of the course, students will have a significant portfolio contribution and the skills necessary for further graduate studies in architecture.
**Department**
Civil & Construction Engr
**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

## CFM 442 - Civil Infrastructure Construction

### Course Information

**Course Number**
442
**Teaching Area**
CFM
**Course Title**
Civil Infrastructure Construction
**Course Description**
Develop a project bid proposal for a heavy civil project, including the project estimate, schedule, and risk analysis. Utilize heavy civil contract documents including civil infrastructure plan sets, specifications, and geotechnical reports.
**Department**
Civil & Construction Engr
**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

**Additional Comments:**

| | |
|---|---|
| **Title**<br>Programing | **Learning Outcome**<br>Synthesize advanced design concepts and theories into innovative architectural solutions that respond to complex programmatic and contextual challenges. |
| **Title**<br>Sustainability | **Learning Outcome**<br>Apply sustainable design principles and practices to address environmental, social, and cultural considerations in architectural projects. |
| **Title**<br>Contextual Design | **Learning Outcome**<br>Assess and integrate site-specific conditions, including physical, cultural, and socio-economic factors, into the design process to create contextually responsive architectural interventions. |
| **Title**<br>Architectural Decision Making | **Learning Outcome**<br>Critically analyze and evaluate the implications of design decisions on the built environment, considering the social, cultural, and ethical responsibilities of architects. |
| **Title**<br>Digital Modeling | **Learning Outcome**<br>Utilize advanced digital modeling and representation techniques to effectively communicate design ideas and concepts. |
| **Title** | **Learning Outcome**<br>Incorporate feedback from peers, faculty, and industry professionals to iteratively refine and improve design solutions |

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CFM 342 - Earthwork and Construction Equipment
- M COM 320 - Management Communication
  **OR** WRTG 316 - Technical Communication

**Additional Comments:**

| | |
|---|---|
| **Title**<br>Horizontal Infrastructure | **Learning Outcome**<br>Explain the types, roles, and effects of horizontal infrastructure on society. |
| **Title**<br>Contract Documents | **Learning Outcome**<br>Demonstrate understanding of a heavy civil construction project using contract documents. |
| **Title**<br>Cost Estimating | **Learning Outcome**<br>Calculate project quantities for materials, labor, and equipment. |
| **Title**<br>Scheduling | **Learning Outcome**<br>Develop a project schedule including phasing, critical path, and trade coordination. |
| **Title**<br>Project Risk | **Learning Outcome**<br>Identify and assess project risk. |
| **Title**<br>Project Proposal | **Learning Outcome**<br>Develop a bid package for a heavy civil construction project. |

| | |
|---|---|
| Iterative Design | throughout the creative process. |

| | |
|---|---|
| Title<br>Portfolio | Learning Outcome<br>Develop a professional-level design portfolio showcasing a range of design projects that reflect an understanding of architectural principles, processes, and innovative solutions. |

| | |
|---|---|
| Title<br>Individual Growth | Learning Outcome<br>Reflect on personal design philosophies and approaches, demonstrating a commitment to ongoing learning and professional development. |

## CFM 445 - Construction Company Operations and Management

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
445
**Teaching Area**
CFM
**Course Title**
Construction Company Operations and Management
**Course Description**
Organizing, controlling, and directing operations of construction companies; financial management, budgeting, cash-flow analysis, purchasing and cost control, and business planning.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## CFM 450 - Virtual Design & Construction

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
450
**Teaching Area**
CFM
**Course Title**
Virtual Design & Construction
**Course Description**
Develop mechanical, electrical, and plumbing plans using Building Information Modeling (BIM) and clash detection and resolution. Manage the coordination process, including 5D estimating, site logistics, animations, and high definition renderings.
**Department**
Civil & Construction Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ACC 200 - Principles of Accounting
  **AND** CFM 311 - Estimating Processes

**Additional Comments:**

| Title | Tags |
|---|---|
| Human Resources Management | 181500, 0, 1 |

**Learning Outcome**
Demonstrate how to manage human resources.

| Title | Tags |
|---|---|
| Risk | 181501, 0, 2 |

**Learning Outcome**
Understand the principles of controlling and managing risk.

| Title | Tags |
|---|---|
| Insurance and Bonding | 181502, 0, 3 |

**Learning Outcome**
Differentiate common types of insurance and bonding.

| Title | Tags |
|---|---|
| Company Management Reports | 181503, 0, 4 |

**Learning Outcome**
Prepare and interpret company management reports.

| Title | Tags |
|---|---|
| Business Organization | 181504, 0, 5 |

**Learning Outcome**
Compare and contrast different forms of business organization.

| Title | Tags |
|---|---|
| Accounting | 181505, 0, 6 |

**Learning Outcome**
Apply the principles of accounting to common construction company processes.

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CCE 112 - Engineering Drafting

Prerequisites

**Complete ALL of the following Courses:**
- CCE 113 - Construction Modeling

**Additional Comments:**

| Title | Tags |
|---|---|
| Modeling | 210950, 0, 2 |

**Learning Outcome**
Develop digital models for construction management purposes

| Title | Tags |
|---|---|
| Technology | 210949, 0, 1 |

**Learning Outcome**
Demonstrate application of current digital modeling tools

| Title | Tags |
| --- | --- |
| Customers | 181506, 0, 7 |

Learning Outcome
Identify customer needs and demonstrate how to manage expectations.

| Title | Tags |
| --- | --- |
| Leadership | 181498, 0, 8 |

Learning Outcome
Relate the principles of effective leadership to construction companies.

## CFM 491 - Senior Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 491 |

Teaching Area
CFM
Course Title
Senior Seminar
Course Description
Developing best employment opportunities and strategy; interviewing, sales negotiations, resume and letter writing, and salary negotiations. Report on 300 hours of construction-related work experience.
Department
Civil & Construction Engr
When Taught
Fall and Winter

### Credit Hours

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Note
College Lecture attendance required.

| Title | Tags |
| --- | --- |
| Resume Building | 181512, 2 |

## CFM 494R - Special Problems in Construction and Facilities Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CFM | 494R |

Teaching Area
CFM
Course Title
Special Problems in Construction and Facilities Management
Course Description
Study of current facilities management technologies.
Department
Civil & Construction Engr
When Taught
Fall, Winter, Spring

### Credit Hours

Min
0.5

Fixed
3

Other Prerequisites
Instructor's consent.

| Title | Tags |
| --- | --- |
| Special Topics | 181516, 0 |

Learning Outcome
Students in the course will learn topics outside the standard curriculum that allows the student to broad their education as it relates to Construction Management.

| Title | Tags |
| --- | --- |
| Resume Building | 181512, 2 |

Learning Outcome
Write a great resume.

| Title | Tags |
| --- | --- |
| Interviewing | 181514, 0, 3 |

Learning Outcome
Develop an ability to interview well.

| Title | Tags |
| --- | --- |
| Business Etiquette and Workplace Behavior | 181508, 0, 4 |

Learning Outcome
Explain business etiquette and the written and unwritten rules of the workplace.

| Title | Tags |
| --- | --- |
| Contract Negotiations | 181511, 0, 5 |

Learning Outcome
Show how to evaluate a job offer and negotitate a contract.

| Title | Tags |
| --- | --- |
| Work Experience | 181510, 0, 6 |

Learning Outcome
Demonstrate and ability to succeed in the construction industry through work experience.

## CFM 495R - Global Engineering Outreach Projects

### Course Information

**Teaching Area (new)**
CFM

**Course Number**
495R

**Teaching Area**
CFM

**Course Title**
Global Engineering Outreach Projects

**Course Description**
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

**Department**
Civil & Construction Engr

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

## CFM 500 - Construction Innovation and Technology

### Course Information

**Teaching Area (new)**
CFM

**Course Number**
500

**Teaching Area**
CFM

**Course Title**
Construction Innovation and Technology

**Course Description**
Students in the course will study the current political, regulatory, technological, environmental, and leadership trends and issues related to construction management.

**Department**
Civil & Construction Engr

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## CFM 530 - Construction Company Operations and Human Resources Management

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
530
**Teaching Area**
CFM
**Course Title**
Construction Company Operations and Human Resources Management
**Course Description**
Managing human resources in construction companies including hiring, firing, retention, training and employee development motivation, incentives, personality profiles and company culture.
**Department**
Civil & Construction Engr
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 445 - Construction Company Operations and Management

**Additional Comments:**

## CFM 540 - Managing Risk in Construction

### Course Information

**Teaching Area (new)**
CFM
**Course Number**
540
**Teaching Area**
CFM
**Course Title**
Managing Risk in Construction
**Course Description**
Managing the factors that create risk in a construction company, including contract administration, ethical practices, safety, international risks, insurances, and bonding.
**Department**
Civil & Construction Engr
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 385 - Construction Contracts and Law

**Additional Comments:**

## CFM 550 - Construction Company Development and Strategic Planning

### Course Information

**Teaching Area (new)** **Course Number**

## CFM 555 - Construction Company Financial Management

### Course Information

**Teaching Area (new)** **Course Number**

Teaching Area (new) | Course Number
CFM | 550

**Teaching Area**
CFM

**Course Title**
Construction Company Development and Strategic Planning

**Course Description**
Advanced topics in the development of construction companies, including strategic planning, negotiations, banking relations, successful companies, risk management, productivity, trending and forecasting, zoning and development, entitlements, career balance, and sub-contract and resource management.

**Department**
Civil & Construction Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 445 - Construction Company Operations and Management

**Additional Comments:**

Teaching Area (new) | Course Number
CFM | 555

**Teaching Area**
CFM

**Course Title**
Construction Company Financial Management

**Course Description**
An in-depth review of management concepts and financial strategies needed to successfully grow and enhance profitability of a construction company. Topics include business entities, budgeting and cash management, finance and investments, accounting, financial statements, cost controls (variance and earned value analysis), real estate investing, taxation, break even analysis and capital budgeting.

**Department**
Civil & Construction Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CFM 445 - Construction Company Operations and Management

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Assessment: | 181517, 10 |

**Learning Outcome**
Assessment of the above learning outcomes is performed through instructor analysis of homework, exams, classroom observations, student feedback, and course evaluations.

**Title**

| | |
|---|---|
| Construction company financial management | Tags<br>181519, 0 |

**Learning Outcome**
Understand and apply management concepts and financial strategies needed to successfully grow and enhance profitability of a construction company.

## CFM 594R - Special Topics in Construction Management

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CFM | 594R |

**Teaching Area**
CFM
**Course Title**
Special Topics in Construction Management
**Course Description**
Based on needs, interest, and significance, topics important to leaders and managers in the construction industry.
**Department**
Civil & Construction Engr
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
3

## CH EN 170 - Introduction to Chemical Engineering

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CH EN | 170 |

**Teaching Area**
CH EN
**Course Title**
Introduction to Chemical Engineering
**Course Description**
Introduction to fundamental principles of chemical engineering and development of problem-solving skills through in-class activities, laboratory experiments, and a hands-on design project.
**Department**
Chemical Engineering
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
2

**Recommended**
Chem 105 or Chem 111
**Note**
The prerequisites may be taken concurrent with the course. Check with the department.

| | |
|---|---|
| Title<br>Teamwork and Leadership (ABET Student Outcome 5) | Tags<br>179479, 2 |

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Experimentation and Analysis (ABET Student Outcome 6)

Tags
179480, 3

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Title
Success in Learning (BYU Course Objective)

Tags
179485, 5

Learning Outcome
Students will identify the practices needed to succeed as a chemical engineering student and decide whether to continue in the program.

Title
Problem Definition (BYU Course Objective)

Tags
179487, 7

Learning Outcome
Students will identify and explain the value of the types of problems that chemical engineers solve.

Title
Critical Thinking (BYU Course Objective)

Tags
179488, 8

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Physical Phenomena (BYU Course Objective)

Tags
179489, 9

Learning Outcome
Students will explain

fundamental physical principles of chemical engineering observed through hands-on design projects, in-class activities, and laboratory experiments. The selected principles will pertain to material and energy balances, fluid mechanics, heat transfer, chemical reaction engineering, and separations.

**Title**
Technical Presentation (BYU Course Objective)

**Tags**
179484, 0, 4

**Learning Outcome**
Students will be able to give effective, well-organized oral presentations to a technical audience.

**Title**
Written Reports (BYU Course Objective)

**Tags**
179486, 0, 6

**Learning Outcome**
Students will be able to communicate effectively in written formats.

## CH EN 191 - Global Impact of Chemical Engineers

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
191

**Teaching Area**
CH EN

**Course Title**
Global Impact of Chemical Engineers

**Course Description**
Chemical engineers use their skills to understand the physical world, solve problems, and meet societal needs in a variety of areas. These include developing sustainable sources of energy, fuels, food, water, and chemicals, while pioneering improved medicines, medical diagnostics, advanced materials, electronic devices, and chemical processes. In this course, faculty and visiting experts will share their problem-solving experiences and provide career guidance, helping students find areas of chemical engineering most interesting to them.

**Department**
Chemical Engineering

**When Taught**
Fall and Winter

### Credit Hours

## CH EN 199R - Academic Internship

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
199R

**Teaching Area**
CH EN

**Course Title**
Academic Internship

**Course Description**
Work experience evaluated by supervisor and posted on student's transcript.

**Department**
Chemical Engineering

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Consent of department internship coordinator.

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Note
College Lecture attendance required.

Learning Outcome
Students will explain the role of chemical engineers in solving critical societal challenges.

Learning Outcome
Students will describe multiple career options and potential job functions in chemical engineering

| Title | Learning Outcome |
|---|---|
| Life-long Learning (BYU Course Objective) | Students will plan a course schedule for timely graduation. |

Note
An APPROVED Internship Application required before adding.

| Title | Tags |
|---|---|
| Professional Communication | 179351, 2 |

Learning Outcome
Student demonstrates professional communication skills (report).

| Title | Tags |
|---|---|
| Professional Experiences | 179394, 1 |

Learning Outcome
Student acquires professional experiences in the discipline.

| Title | Tags |
|---|---|
| Converting Experience into Understanding | 179424, 3 |

Learning Outcome
Student demonstrates the ability to use reflective thinking to convert professional experience into academic understanding.

## CH EN 263 - Computational Tools for Chemical Engineers

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CH EN | 263 |

Teaching Area
CH EN
Course Title
Computational Tools for Chemical Engineers
Course Description
Use of spreadsheets, advanced equation-solving packages, and structured languages to solve engineering problems. Introduction to chemical process principles.
Department
Chemical Engineering
When Taught
Fall, Winter, Spring

### Credit Hours

## CH EN 273 - Chemical Process Principles

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CH EN | 273 |

Teaching Area
CH EN
Course Title
Chemical Process Principles
Course Description
Material and energy balances.
Department
Chemical Engineering
When Taught
Fall, Winter, Spring

### Credit Hours

Min
3

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 170 - Introduction to Chemical Engineering
  **AND** MATH 113 - Calculus 2

**Additional Comments:**

Other Prerequisites
or concurrent enrollment.
Note
College Lecture attendance required.

| Title | Tags |
|---|---|
| Unit Conversions (BYU Course Objective) | 179494, 1 |

Learning Outcome
Students will be able to perform unit conversions.

| Title | Tags |
|---|---|
| Dimensional Consistency (BYU Course Objective) | 179495, 2 |

Learning Outcome
Students will be able to ensure dimensional consistency when evaluating equations.

| Title | Tags |
|---|---|
| Spreadsheets (BYU Course Objective) | 179496, 3 |

Learning Outcome
Students will be able to use a spreadsheet program to perform engineering calculations.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 170 - Introduction to Chemical Engineering
  **AND** CHEM 112 - Principles of Chemistry 2
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 170 - Introduction to Chemical Engineering
  **AND** CHEM 106 - General College Chemistry 2
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

**Additional Comments:**

Other Prerequisites
Math 113
Ch En 263 or concurrent enrollment.
Note
College Lecture attendance required.

| Title | Tags |
|---|---|
| Engineering Design (ABET Student Outcome 2) | 179517, 1 |

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

| Title | Tags |
|---|---|
| Teamwork and Leadership (ABET Student Outcome 5) | 179518, 2 |

Learning Outcome

Title
Math Software (BYU Course Objective)

Tags
179497, 4

Learning Outcome
Students will be able to solve numerical and symbolic problems using computer tools (e.g. curve fitting, integration, solving equations etc.).

Title
Programming Structures (BYU Course Objective)

Tags
179498, 5

Learning Outcome
Students will be able to write program structures (e.g. loops, arrays, conditionals, functions) and understand when programming is most appropriate.

Title
Algorithms (BYU Course Objective)

Tags
179499, 6

Learning Outcome
Students will be able to convert problem solving strategies to procedural algorithms.

Title
Estimation and Reasonableness (BYU Course Objective)

Tags
179500, 7

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Unit Conversions (BYU Course Objective)

Tags
179519, 3

Learning Outcome
Students will be able to perform unit conversions.

Title
Dimensional Consistency (BYU Course Objective)

Tags
179520, 4

Learning Outcome
Students will be able to ensure dimensional consistency when evaluating equations.

Title
Critical Thinking (BYU Course Objective)

Tags
179521, 5

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
179522, 6

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Material Balances (BYU Course Objective)

Tags
179523, 11

Learning Outcome
Students will be able to set up and solve steady state material balances.

Title

Title
Energy Balances (BYU Course Objective)

Tags
179524, 12

Learning Outcome
Students will be able to set up and solve steady state energy balances (1st law of thermodynamics) for closed and open systems.

Title
Fluid Statics (BYU Course Objective)

Tags
179526, 14

Learning Outcome
Students will be able to solve simple fluid statics problems.

Title
Phase Equilibrium (BYU Course Objective)

Tags
179527, 15

Learning Outcome
Students will be able to apply solution thermodynamics fundamentals to solve phase equilibrium problems including bubble point, dew point and flash calculations.

Title
Material Balances with Reactions (BYU Course Objective)

Tags
179528, 16

Learning Outcome
Students will understand and be able to use the extent of reaction in material balances for systems involving chemical reactions.

Title
Heat Properties (BYU Course Objective)

Tags
179529, 17

Learning Outcome
Students will understand and be able to apply the concepts of heat capacity, latent heat, heat of reaction, heat of combustion, and heat of formation.

Title
Phase Diagrams (BYU Course Objective)

Tags
179530, 18

Learning Outcome
Students will be able to read and understand phase diagrams and

use these to determine physical phenomena.

**Title**
Thermodynamic Properties (BYU Course Objective)

**Tags**
179533, 21

**Learning Outcome**
Students will be able to calculate internal energy, enthalpy, and entropy at system conditions assuming ideal behavior.

**Title**
Work and Unit Ops (BYU Course Objective)

**Tags**
179534, 7

**Learning Outcome**
Students will be able to calculate the work of pumps, turbines, and/or compressors.

**Title**
Designing Multi-unit Processes (BYU Course Objective)

**Tags**
179535, 8

**Learning Outcome**
Students will be able to design multiple-unit processes.

**Title**
Process Variables (BYU Course Objective)

**Tags**
179558, 10

**Learning Outcome**
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

**Title**
Transient Mass Balances (BYU Course Objective)

**Tags**
207581, 13

**Learning Outcome**
Students will be able to set up and solve transient mass balances.

**Title**
Ethics

**Tags**
209016, 0, 9

**Learning Outcome**
Students will understand and commit to practice the AIChE code of ethics.

**Title**
Pure-component Phase Behavior (BYU Course Objective)

**Tags**
179531, 0, 19

**Learning Outcome**
Students will be able to solve problems related to pure-component phase behavior including vapor pressure, critical point, freezing line, triple point, etc.

**Title**
Molecular-level Understanding (BYU Course Objective)

**Tags**
179532, 0, 20

**Learning Outcome**
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

## CH EN 285 - Chemical Process and Fluids Lab

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
285

**Teaching Area**
CH EN

**Course Title**
Chemical Process and Fluids Lab

**Course Description**
Walk-in laboratory course covering topics from Material and Energy Balances and Fluid Mechanics.

**Department**
Chemical Engineering

**When Taught**
Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

## CH EN 291 - Career Skills 1

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
291

**Teaching Area**
CH EN

**Course Title**
Career Skills 1

**Course Description**
Professional communication skills for job search.

**Department**
Chemical Engineering

**When Taught**
Fall Term 1.

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CH EN 273 - Chemical Process Principles

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in CH EN 374

| Title | Tags |
|---|---|
| Process Variables (BYU Course Objective) | 207563, 4 |

**Learning Outcome**
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

| Title | Tags |
|---|---|
| Process Equipment (BYU Course Objective) | 207564, 6 |

**Learning Outcome**
Students will be able to explain and operate real process equipment.

| Title | Tags |
|---|---|
| Critical Thinking (BYU Course Objective) | 207712, 2 |

**Learning Outcome**
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

| Title | Tags |
|---|---|
| Engineering Intuition (BYU Course Objective) | 207713, 3 |

**Learning Outcome**
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

**Fixed**
0

| Title | Tags |
|---|---|
| Communication (ABET Student Outcome 3) | 179536, 1 |

**Learning Outcome**
Students will be able to communicate effectively with a range of audiences.

| Title | Tags |
|---|---|
| Interviewing (BYU Course Objective) | 179537, 4 |

**Learning Outcome**
Students will be able to be interviewed effectively.

| Title | Tags |
|---|---|
| Job Search Skills (BYU Course Objective) | 179538, 5 |

**Learning Outcome**
Students will understand how to obtain professional employment.

| Title | Tags |
|---|---|
| Knowledge and Learning (ABET Student Outcome 7) | 179539, 2 |

**Learning Outcome**
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

| Title | Tags |
|---|---|
| Resumes (BYU Course Objective) | 179541, 0, 3 |

**Learning Outcome**
Students will be able to evaluate the effectiveness of a resume and be able to create their own resume that effectively promotes their achievements in technical, interpersonal and leadership areas.

| Title | Tags |
| --- | --- |
| Experimentation and Analysis (ABET Student Outcome 6) | 207727, 1 |

**Learning Outcome**
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

| Title | Tags |
| --- | --- |
| Molecular-level Understanding (BYU Course Objective) | 207714, 0, 5 |

**Learning Outcome**
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

## CH EN 311 - Chemical Engineering and Society-Health, Safety, and the Environment

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 311 |

**Teaching Area**
CH EN
**Course Title**
Chemical Engineering and Society-Health, Safety, and the Environment
**Course Description**
Responsibility of chemical engineers in society relative to ethics, leadership, safety, environment, and energy.
**Department**
Chemical Engineering
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## CH EN 345 - Materials and Reactions Lab

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 345 |

**Teaching Area**
CH EN
**Course Title**
Materials and Reactions Lab
**Course Description**
Walk-in laboratory course covering topics from Material Science and Chemical Reaction Engineering.
**Department**
Chemical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 273 - Chemical Process Principles

**Additional Comments:**

**Title**
Engineering Design (ABET Student Outcome 2)

**Tags**
179542, 1

**Learning Outcome**
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

**Title**
Teamwork and Leadership (ABET Student Outcome 5)

**Tags**
179544, 3

**Learning Outcome**
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

**Title**
Critical Thinking (BYU Course Objective)

**Tags**
179545, 4

**Learning Outcome**
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

**Title**
Engineering Intuition (BYU Course Objective)

**Tags**
179547, 5

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in CH EN 378 and CH EN 386

**Title**
Process Variables (BYU Course Objective)

**Tags**
207566, 4

**Learning Outcome**
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

**Title**
Process Equipment (BYU Course Objective)

**Tags**
207567, 6

**Learning Outcome**
Students will be able to explain and operate real process equipment.

**Title**
Critical Thinking (BYU Course Objective)

**Tags**
207715, 2

**Learning Outcome**
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

**Title**
Engineering Intuition (BYU Course Objective)

**Tags**
207716, 3

**Learning Outcome**
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

| Title | Tags |
| --- | --- |
| HAZCOM (BYU Course Objective) | 179549, 7 |

Learning Outcome
Students will be able to to pass the HAZCOM test.

| Title | Tags |
| --- | --- |
| Making Ethical Decisions (BYU Course Objective) | 179551, 10 |

Learning Outcome
Students will be able to describe a procedure for making and implementing ethical decisions and effectively apply the procedure to ethical problems of practical interest.

| Title | Tags |
| --- | --- |
| Integrity (BYU Course Objective) | 179552, 11 |

Learning Outcome
Students will be able to define integrity, and demonstrate understanding of how it applies to their lives and how to develop it through practice.

| Title | Tags |
| --- | --- |
| Effective Teams (BYU Course Objectives) | 179553, 12 |

Learning Outcome
Students will understand teamwork principles including: recognition of team members' strengths and weaknesses; importance of effective communication skills; recognition of unique contributions of team members; and the need to facilitate team members' development.

| Title | Tags |
| --- | --- |
| Effective Leadership (BYU Course Objectives) | 179554, 13 |

Learning Outcome
Students will understand what it means to be a leader and the

| Title | Tags |
| --- | --- |
| Experimentation and Analysis (ABET Student Outcome 6) | 207726, 1 |

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

| Title | Tags |
| --- | --- |
| Molecular-level Understanding (BYU Course Objective) | 207717, 0, 5 |

Learning Outcome
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

importance of self-awareness in leadership, and how to develop a vision, establish goals, formulate a stragety, and develop a plan consistent with that strategy.

**Title**
Ethical and Professional Responsibilities (ABET Student Outcome 4)

**Tags**
207643, 2

**Learning Outcome**
Students will be able to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

**Title**
Codes of Ethics (BYU Course Objective)

**Tags**
179550, 0, 9

**Learning Outcome**
Students will understand and commit to practice the AIChE code of ethics.

**Title**
Safety (BYU Course Objective)

**Tags**
179546, 0, 6

**Learning Outcome**
Students will understand the need for safe engineering practices; demonstrate knowledge of pertinent safety laws and regulations (including RAGAGEPs); understand and have a basic knowledge of how safety considerations are incorporated into engineering design.

**Title**
Risk Assessment and Mitigation (BYU Course Objective)

**Tags**
179548, 0, 8

**Learning Outcome**
Students will be able to apply principles of risk management, Hazards and Operability Studies (HAZOPS), Layers of Protection Analysis (LOPA), and fault-tree analyses in process design.

## CH EN 351 - Fundamentals of Biomedical Engineering

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
351

**Teaching Area**
CH EN

**Course Title**
Fundamentals of Biomedical Engineering

**Course Description**
This course introduces the fundamental principles and topics of Biomedical Engineering, including Biomechanical Engineering, Biochemical Engineering, Bioinstrumentation, and Medical Imaging.

**Department**
Chemical Engineering

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Freshman-level Understanding of Biology (for example: BIO 100, BIO 103, MMBIO 221, or PDBIO 120).

## CH EN 373 - Chemical Engineering Thermodynamics.

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
373

**Teaching Area**
CH EN

**Course Title**
Chemical Engineering Thermodynamics.

**Course Description**
First and second laws of thermodynamics as applied to behavior of real fluids; physical and chemical equilibrium.

**Department**
Chemical Engineering

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 273 - Chemical Process Principles
  **AND** CHEM 467 - Physical Chemistry for Engineers

**Additional Comments:**

**Note**
College Lecture attendance required.

**Title**
Complex Problem Solving (ABET Student Outcome 1)

**Tags**
207568, 1

**Learning Outcome**
Students will be able to identify, formulate, and solve complex engineering problems by

applying principles of engineering, science, and mathematics.

| Title | Tags |
| --- | --- |
| Engineering Design (ABET Student Outcome 2) | 207569, 2 |

**Learning Outcome**
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

| Title | Tags |
| --- | --- |
| Knowledge and Learning (ABET Student Outcome 7) | 207570, 3 |

**Learning Outcome**
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

| Title | Tags |
| --- | --- |
| Critical Thinking (BYU Course Objective) | 207571, 4 |

**Learning Outcome**
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

| Title | Tags |
| --- | --- |
| Engineering Intuition (BYU Course Objective) | 207572, 5 |

**Learning Outcome**
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

| Title | Tags |
| --- | --- |
| Single-stage Flash (BYU Course Objective) | 207573, 6 |

**Learning Outcome**
Students will be able to set up and solve single-stage flash calculations.

**Title**
Power and Refrigeration Cycles (BYU Course Objective)

**Tags**
207575, 8

**Learning Outcome**
Students will be able to design Rankine power and compression refrigeration cycles.

**Title**
Material Balances (BYU Course Objective)

**Tags**
207576, 9

**Learning Outcome**
Students will be able to set up and solve steady state material balances.

**Title**
Energy Balances (BYU Course Objective)

**Tags**
207577, 10

**Learning Outcome**
Students will be able to set up and solve steady state energy balances (1st law of thermodynamics) for closed and open systems.

**Title**
Transient Energy Balances (BYU Course Objective)

**Tags**
207579, 12

**Learning Outcome**
Students will be able to set up and solve transient energy balances (1st law of thermodynamics).

**Title**
Transient Mass Balances (BYU Course Objective)

**Tags**
207580, 11

**Learning Outcome**
Students will be able to set up and solve transient mass balances.

**Title**
Phase Equilibrium Calculations (BYU Course Objective)

**Tags**
207582, 13

**Learning Outcome**
Students will be able to apply solution thermodynamics fundamentals to solve phase

equilibrium problems including bubble point, dew point and flash calculations.

**Title**
Chemical Reaction Equilibrium (BYU Course Objective)

**Tags**
207583, 14

**Learning Outcome**
Students will understand the fundamental principles of chemical reaction equilibria including extent of reaction, equilibrium constant and its temperature-dependence, equilibrium conversion.

**Title**
Sensible Heat Effects (BYU Course Objective)

**Tags**
207584, 15

**Learning Outcome**
Students will understand and be able to apply the concepts of heat capacity, latent heat, heat of reaction, heat of combustion, and heat of formation.

**Title**
Entropy (BYU Course Objective)

**Tags**
207585, 16

**Learning Outcome**
Students will understand the concept of entropy and the second law of thermodynamics and be able to apply the second law to closed and open systems.

**Title**
Solution Thermodynamics Fundamentals (BYU Course Objective)

**Tags**
207586, 17

**Learning Outcome**
Students will understand the fundamental concepts of solution thermodynamics including chemical potential, fugacity, activity, partial molar properties, ideal solutions, and excess properties.

**Title**
Phase Diagrams (BYU Course Objective)

**Tags**
207587, 18

**Learning Outcome**
Students will be able to read and understand phase diagrams and

understand phase diagrams and use these to determine physical phenomena.

**Title**
Thermodynamic Properties (BYU Course Objective)

**Tags**
207590, 21

**Learning Outcome**
Students will be able to calculate internal energy, enthalpy, entropy, Helmholtz energy, and Gibbs energy at system conditions assuming both ideal and non-ideal behavior.

**Title**
Pumps, Turbines, Compressors (BYU Course Objective)

**Tags**
207649, 7

**Learning Outcome**
Students will be able to perform design calculations for pumps, turbines, and/or compressors (e.g., involving $\Delta H$, $\Delta S$, work, heat, efficiencies).

**Title**
Molecular-level Understanding (BYU Course Objective)

**Tags**
207589, 0, 20

**Learning Outcome**
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

**Title**
Pure-component Phase Behavior (BYU Course Objective)

**Tags**
207588, 0, 19

**Learning Outcome**
Students will be able to solve problems related to pure-component phase behavior including vapor pressure, critical point, freezing line, triple point, etc.

## CH EN 374 - Fluid Mechanics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CH EN | 374 |

Teaching Area

## CH EN 376 - Heat and Mass Transfer

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CH EN | 376 |

Teaching Area

CH EN
**Course Title**
Fluid Mechanics
**Course Description**
Basic mass, momentum, and energy relations of fluid flow; design of fluid-handling systems and equipment.
**Department**
Chemical Engineering
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 263 - Computational Tools for Chemical Engineers
  **AND** CH EN 273 - Chemical Process Principles
  **AND** MATH 302 - Mathematics for Engineering 1

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 263 - Computational Tools for Chemical Engineers
  **AND** CH EN 273 - Chemical Process Principles
  **AND** MATH 314 - Calculus of Several Variables

**Additional Comments:**

**Other Prerequisites**
Admission to professional program.

**Recommended**
Concurrent enrollment in Ch En 311

**Note**
College Lecture attendance required.

**Title**
Complex Problem Solving (ABET Student Outcome 1)

**Tags**
179555, 1

CH EN
**Course Title**
Heat and Mass Transfer
**Course Description**
Heat and mass transfer, including conduction, convection, radiation, diffusion; steady and unsteady state systems; transport analogies; design applications.
**Department**
Chemical Engineering
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 311 - Chemical Engineering and Society-Health, Safety, and the Environment
  **AND** CH EN 374 - Fluid Mechanics

**Additional Comments:**

**Title**
Complex Problem Solving (ABET Student Outcome 1)

**Tags**
207591, 1

**Learning Outcome**
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

**Title**
Engineering Design (ABET Student Outcome 2)

**Tags**
207592, 2

**Learning Outcome**

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Tags
179556, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Knowledge and Learning (ABET Student Outcome 7)

Tags
179557, 3

Learning Outcome
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

Title
Dimensional Analysis and Dimensionless Numbers (BYU Course Objective)

Tags
179559, 4

Learning Outcome
Students will be able to nondimensionalize equations, will understand the significance of dimensional analysis, and will be able to interpret the physical significance of dimensionless numbers

Title
Critical Thinking (BYU Course Objective)

Tags
179560, 5

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Teamwork and Leadership (ABET Student Outcome 5)

Tags
207593, 3

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Knowledge and Learning (ABET Student Outcome 7)

Tags
207594, 4

Learning Outcome
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

Title
Dimensional Analysis and Dimensionless Numbers (BYU Course Objective)

Tags
207595, 5

Learning Outcome
Students will be able to nondimensionalize equations, will understand the significance of dimensional analysis, and will be able to interpret the physical significance of dimensionless numbers

Title
Critical Thinking (BYU Course Objective)

Tags
207596, 6

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title

Engineering Intuition (BYU Course Objective)

Tags
179561, 6

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Flow System Design (BYU Course Objective)

Tags
179562, 7

Learning Outcome
Students will be able to use a mechanical energy balance and/or the concepts of system demand and pump supply curves to design flow systems involving pipes, valves, fittings and/or pumps.

Title
Pumps and Valves (BYU Course Objective)

Tags
179563, 8

Learning Outcome
Students will have a practical understanding of the function and use of pumps and valves and be able to make design decisions accordingly.

Title
Fluid Statics (BYU Course Objective)

Tags
179564, 9

Learning Outcome
Students will be able to solve simple fluid statics problems.

Title
Momentum Balances (BYU Course Objective)

Tags
179565, 10

Learning Outcome
Students will be able to formulate steady-state, integral and differential, momentum balances in one dimension.

Title
Advanced Fluid Mechanics Concepts (BYU Course Objective)

Tags
179566, 11

Learning Outcome
Students will understand and be able to use advanced fluid

Engineering Intuition (BYU Course Objective)

Tags
207597, 7

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Shell and Tube Heat Exchanger Design (BYU Course Objective)

Tags
207598, 8

Learning Outcome
Students will be able to design shell & tube heat exchangers to meet specific needs.

Title
Material Balances (BYU Course Objective)

Tags
207599, 9

Learning Outcome
Students will be able to set up and solve steady state material balances.

Title
Energy Balances (BYU Course Objective)

Tags
207600, 10

Learning Outcome
Students will be able to set up and solve steady state energy balances.

Title
Transient Energy Balances (BYU Course Objective)

Tags
207601, 11

Learning Outcome
Students will be able to set up and solve transient energy balances.

Title
Heat Transfer Modes, Qualitative (BYU Course Objective)

Tags
207602, 12

Learning Outcome
Students will understand conduction, convection, and radiation qualitatively.

Title
Heat Transfer with Resistances

Tags

mechanical concepts including boundary-layer theory, non-Newtonian flow, and turbulent flow.

Title
External Flow (BYU Course Objective)

Tags
179567, 12

Learning Outcome
Students will understand qualitatively how external flow around objects affects drag and be able to calculate drag forces and terminal velocities.

Title
Compressible Flow (BYU Course Objective)

Tags
179568, 13

Learning Outcome
Students will understand basic concepts relating to compressible flow including Mach numbers and choked flow.

Title
Non-Newtonian Fluids (BYU Course Objective)

Tags
179569, 14

Learning Outcome
Students will be able to calculate the the pressure drop in flow systems involving pipes and pumps for non-Newtonian fluids.

Title
Chemical Properties (BYU Course Objective)

Tags
179570, 15

Learning Outcome
Students will understand the physical/chemical behaviors of materials.

(BYU Course Objective)

207603, 13

Learning Outcome
Students will be able to steady-state solve heat transfer problems involving one or more resistances.

Title
Transient Heat Transfer (BYU Course Objective)

Tags
207604, 14

Learning Outcome
Students will be able to solve simple transient heat transfer problems.

Title
Convective Transfer Coefficients (BYU Course Objective)

Tags
207605, 15

Learning Outcome
Students will be able to determine convective heat and mass transfer coefficients from correlations.

Title
Diffusive Mass Transfer (BYU Course Objective)

Tags
207606, 16

Learning Outcome
Students will be able to solve steady-state diffusive mass transfer problems.

Title
Convective Mass Transfer (BYU Course Objective)

Tags
207607, 17

Learning Outcome
Students will be able to solve steady-state convective mass transfer problems.

Title
Radiation (BYU Course Objective)

Tags
207608, 18

Learning Outcome
Students will be able to solve heat transfer problems involving radiation.

Title
Behaviors of Materials (BYU Course Objective)

Tags
207610, 20

Learning Outcome
Students will understand the physical/chemical behaviors of materials.

Title
Materials Selection (BYU Course Objective)

Tags
207611, 21

Learning Outcome
Students will be able to select materials, based on their properties and behaviors, for a given application.

Title
Molecular-level Understanding (BYU Course Objective)

Tags
207609, 0, 19

Learning Outcome
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

## CH EN 385 - Thermodynamics and Transport Lab

### Course Information

Teaching Area (new)
CH EN

Course Number
385

Teaching Area
CH EN

Course Title
Thermodynamics and Transport Lab

Course Description
Walk-in laboratory course covering topics from Thermodynamics and Heat & Mass Transfer.

Department
Chemical Engineering

When Taught
Winter

### Credit Hours

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
0

## CH EN 386 - Chemical Reaction Engineering

### Course Information

Teaching Area (new)
CH EN

Course Number
386

Teaching Area
CH EN

Course Title
Chemical Reaction Engineering

Course Description
Fundamental principles and equations of chemical kinetics and reactor design.

Department
Chemical Engineering

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Concurrent enrollment in CH EN 373 and CH EN 376

| Title | Tags |
|---|---|
| Process Variables (BYU Course Objective) | 207613, 4 |

**Learning Outcome**
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

| Title | Tags |
|---|---|
| Process Equipment (BYU Course Objective) | 207614, 6 |

**Learning Outcome**
Students will be able to explain and operate real process equipment.

| Title | Tags |
|---|---|
| Critical Thinking (BYU Course Objective) | 207718, 2 |

**Learning Outcome**
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

| Title | Tags |
|---|---|
| Engineering Intuition (BYU Course Objective) | 207719, 3 |

**Learning Outcome**
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

| Title | Tags |
|---|---|
| Experimentation and Analysis (ABET Student Outcome 6) | 207725, 1 |

**Learning Outcome**
Students will be able to develop and conduct appropriate experimentation, analyze and

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 273 - Chemical Process Principles
  **AND** MATH 303 - Mathematics for Engineering 2

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 273 - Chemical Process Principles
  **AND** MATH 334 - Ordinary Differential Equations

**Additional Comments:**

| Title | Tags |
|---|---|
| Complex Problem Solving (ABET Student Outcome 1) | 207615, 1 |

**Learning Outcome**
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

| Title | Tags |
|---|---|
| Engineering Design (ABET Student Outcome 2) | 207616, 2 |

**Learning Outcome**
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

| Title | Tags |
|---|---|
| Knowledge and Learning (ABET Student Outcome 7) | 207617, 3 |

**Learning Outcome**
Students will be able to acquire and apply new knowledge as needed, using appropriate

interpret data, and use engineering judgment to draw conclusions.

**Title**
Molecular-Level Understanding (BYU Course Objective)

**Tags**
207720, 0, 5

**Learning Outcome**
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

learning strategies.

**Title**
Dimensionless Numbers (BYU Course Objective)

**Tags**
207618, 4

**Learning Outcome**
Students will be able to describe the physical significance behind dimensionless numbers and how these relate to system behavior.

**Title**
Critical Thinking (BYU Course Objective)

**Tags**
207619, 5

**Learning Outcome**
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

**Title**
Engineering Intuition (BYU Course Objective)

**Tags**
207620, 6

**Learning Outcome**
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

**Title**
Reactor Sizing and Performance (BYU Course Objective)

**Tags**
207621, 7

**Learning Outcome**
Students will be able to size and do performance calculations on single, isothermal plug-flow, CSTR, and batch reactors for a single homogeneous or heterogeneous reaction.

**Title**
Multiple Reactor Design (BYU Course Objective)

**Tags**
207622, 8

**Learning Outcome**
Students will be able to design systems of multiple isothermal reactors.

**Title**
Sizing Reactors for Serial and

Parallel Reactions (BYU Course Objective)

Tags
207623, 9

Learning Outcome
Students will be able to select and size isothermal reactors for series and/or parallel reactions.

Title
Non-Isothermal Reactor Design (BYU Course Objective)

Tags
207624, 10

Learning Outcome
Students will be able to select and size non-isothermal reactors.

Title
Material Balances (BYU Course Objective)

Tags
207625, 11

Learning Outcome
Students will be able to set up and solve steady state material balances.

Title
Energy Balances (BYU Course Objective)

Tags
207626, 12

Learning Outcome
Students will be able to set up and solve steady state energy balances.

Title
Fundamentals of Kinetics (BYU Course Objective)

Tags
207627, 13

Learning Outcome
Students will understand fundamentals of kinetics including definitions of rate and forms of rate expressions and relationships between moles, concentration, extent of reaction and conversion.

Title
Competing Reactions Kinetics (BYU Course Objective)

Tags
207628, 14

Learning Outcome
Students will understand the kinetics of competing reactions and their influence on product yield and selectivity.

| Title | Tags |
| --- | --- |
| Chemical Equilibrium (BYU Course Objective) | 207630, 16 |

**Learning Outcome**
Students will understand the relationship between forward and reverse rates and chemical equilibrium.

| Title | Tags |
| --- | --- |
| Mass and Heat Transfer Effects on Catalytic Systems (BYU Course Objective) | 207631, 17 |

**Learning Outcome**
Students will understand the effects of mass and heat transfer, particularly pore diffusion, on heterogeneous catalytic systems.

| Title | Tags |
| --- | --- |
| Rate Expressions from Mechanisms (BYU Course Objective) | 207632, 18 |

**Learning Outcome**
Students will be able to develop rate expressions from elementary step mechanisms using steady-state and quasi-equilibrium approximations.

| Title | Tags |
| --- | --- |
| Rate Expressions from Experiments (BYU Course Objective) | 207633, 15 |

**Learning Outcome**
Students will be able to determine rate expressions by analyzing reactor data including integral and differential analysis on constant- and variable-volume systems.

| Title | Tags |
| --- | --- |
| Sensible Heat Effects (BYU Course Objective) | 207634, 19 |

**Learning Outcome**
Students will understand and be able to apply the concepts of heat capacity, latent heat, heat of reaction, heat of combustion, and heat of formation.

**Title**

Title
Molecular-level Understanding (BYU Course Objective)
Tags
207635, 0, 20

Learning Outcome
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

## CH EN 391 - Career Skills 2

### Course Information

Teaching Area (new)
CH EN
Course Number
391
Teaching Area
CH EN
Course Title
Career Skills 2
Course Description
Technical and business presentation skills.
Department
Chemical Engineering
When Taught
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

#### Credit Hours

Min
0.5
Fixed
0.5

#### Lecture Hours

Fixed
1

#### Lab Hours

Fixed
0

Other Prerequisites
Admission to professional program

Title
Communication (ABET Student Outcome 3)
Tags
179583, 1

Learning Outcome
Students will be able to communicate effectively with a range of audiences.

Title

## CH EN 400 - Creative Skills in Chemical Engineering

### Course Information

Teaching Area (new)
CH EN
Course Number
400
Teaching Area
CH EN
Course Title
Creative Skills in Chemical Engineering
Course Description
Applications in creativity and technical knowledge from prior course work to solution of relevant, open-ended problems.
Department
Chemical Engineering
When Taught
Fall

#### Credit Hours

Min
1
Fixed
1

#### Lecture Hours

Fixed
1

#### Lab Hours

Fixed
0

Title
Technical Presentations (BYU Course Objective)

Tags
179584, 2

Learning Outcome
Students will be able to give effective, well-organized oral presentations to a technical audience.

Title
Business Presentations (BYU Course Objective)

Tags
179585, 3

Learning Outcome
Students will be able to give effective, well-organized oral presentations to a business audience.

## CH EN 410 - Principles of Petroleum Engineering

### Course Information

Teaching Area (new)
CH EN

Course Number
410

Teaching Area
CH EN

Course Title
Principles of Petroleum Engineering

Course Description
Petroleum engineering principles including a review of rock and fluid properties, material balance in oil and gas reservoirs, fluid flow in porous media, hydrocarbon production, and refining operations.

Department
Chemical Engineering

When Taught
Contact Department

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

## CH EN 412 - Introductory Nuclear Engineering

### Course Information

Teaching Area (new)
CH EN

Course Number
412

Teaching Area
CH EN

Course Title
Introductory Nuclear Engineering

Course Description
Principles and application of nuclear reactor design.

Department
Chemical Engineering

When Taught
Winter

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Simple Requisites

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 373 - Chemical Engineering Thermodynamics.
  **AND** CH EN 374 - Fluid Mechanics

**Additional Comments:**

| Title | Tags |
|---|---|
| Oil Recovery | 179354, 5 |

**Learning Outcome**
Screen reservoirs for enhanced oil recovery processes

| Title | Tags |
|---|---|
| Reservoir Displacement | 179361, 1 |

**Learning Outcome**
Understand the displacement processes in reservoirs

| Title | Tags |
|---|---|
| Production Rates | 179363, 4 |

**Learning Outcome**
Perform a history match on actual production data and predict future production rates

| Title | Tags |
|---|---|
| Fluid Flow Equations | 179365, 3 |

**Learning Outcome**
Use fluid flow equations to calculate pressure drops and flow rates of oil and gas in porous media

| Title | Tags |
|---|---|
| Oil & Gas Values | 179389, 0 |

**Learning Outcome**
Calculate values of initial oil and gas in place

| Title | Tags |
|---|---|
| Primary Production | 179429, 2 |

**Learning Outcome**
Estimate future production from oil and gas reservoirs under primary production

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 106 - General College Chemistry 2
  **AND** MATH 303 - Mathematics for Engineering 2

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 112 - Principles of Chemistry 2
  **AND** MATH 303 - Mathematics for Engineering 2

**Additional Comments:**

**Other Prerequisites**
or equivalent.

**Recommended**
Ch En 376 or equivalent

| Title | Tags |
|---|---|
| Fuel and Waste Management | 179375, 2 |

**Learning Outcome**
Fuel and waste managementa. Regulationsb. Fuel and Waste Processingc. Accident Histories and Root CausesIV. Career Opportunities in Nuclear Engineering

| Title | Tags |
|---|---|
| Nuclear Physics | 179406, 0 |

**Learning Outcome**
At the end of this course, each student should have competent andwell-supported command of the following:I. Nuclear physicsa. Particle and Atom Physicsb. Mass and Energyc. Radioactive Decay Processesd. Interactions of Particles and Radiation with Matter

| Title | Tags |
|---|---|
| Reactor Design & Safety | 179411, 1 |

**Learning Outcome**
Reactor Design and Safetya. Fundamentals of Fission Reactions and Fuelsb. Generation I-IV designs, with distinguishing safety and securityfeaturesc. Reactor Types (fast, breeder, thermal, other)d. Quantitative Approximations for Temperature and Heat Releasee. Reactor Control

## CH EN 426 - Machine Learning for Engineers

### Course Information

**Course Number**
426
**Teaching Area**
CH EN
**Course Title**
Machine Learning for Engineers
**Course Description**
Machine Learning for Engineers combines mathematical details with several case studies that provide an intuition for machine learning with methods for classification, regression, and dimensionality reduction. A second phase of the course is a hands-on group project. The engineering problems and theory guide the student towards a working fluency in state-of-the-art methods implemented in Python.
**Department**
Chemical Engineering
**When Taught**
Winter Even Years

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- CH EN 263 - Computational Tools for Chemical Engineers

**Additional Comments:**

**Other Prerequisites**
Or equivalent Python programming course

**Title**
Understand relationships and assess data quality
**Tags**
213442, 0, 1, 2023-08-29 07:58:54

**Learning Outcome**
Students will be able to visualize data to understand relationships and assess data quality

## CH EN 433 - Energy Engineering

### Course Information

**Teaching Area (new)**
CH EN
**Course Number**
433
**Teaching Area**
CH EN
**Course Title**
Energy Engineering
**Course Description**
Science and engineering of energy production including fossil fuels, nuclear, and renewable. Meeting the challenges of future energy needs of the U.S. and the world.
**Department**
Chemical Engineering
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 373 - Chemical Engineering Thermodynamics.
  **AND** CH EN 374 - Fluid Mechanics
  **AND** CH EN 376 - Heat and Mass Transfer

**Additional Comments:**

**Other Prerequisites**
or equivalents.
**Recommended**
Junior standing in an engineering major

**Title**
Energy Use
**Tags**
179465, 0

**Learning Outcome**

and assess data quality.

| Title | Tags |
| --- | --- |
| Create machine learning algorithms | 213443, 0, 2, 2023-08-29 07:58:55 |

**Learning Outcome**
Students will be able to apply linear algebra, statistics, and optimization techniques to create machine learning algorithms.

| Title | Tags |
| --- | --- |
| Plan applications to achieve engineering and business objectives | 213444, 0, 3, 2023-08-29 07:58:57 |

**Learning Outcome**
Students will understand engineering and business objectives to plan applications.

| Title | Tags |
| --- | --- |
| Assess data information content and predictive capability | 213445, 0, 4, 2023-08-29 07:59:00 |

**Learning Outcome**
Students will be able to assess data information content and predictive capability.

| Title | Tags |
| --- | --- |
| Detect overfitting and improve prediction | 213446, 0, 5, 2023-08-29 07:59:01 |

**Learning Outcome**
Students will be able to detect overfitting and implement strategies to improve prediction.

Explain the history of energy use and past energy supply issues. Explore current and probable future issues with energy use.

| Title | Tags |
| --- | --- |
| Sources & Cost of Energy | 179466, 1 |

**Learning Outcome**
Describe current, conventional sources of energy, their availability, and current costs.

| Title | Tags |
| --- | --- |
| Alternate Energy Sources | 179467, 2 |

**Learning Outcome**
Describe alternate sources of energy, their technical feasibility, and relative cost.

| Title | Tags |
| --- | --- |
| Principals of Energy Processing | 179468, 3 |

**Learning Outcome**
Explain the technical working principles of major energy processing systems (gas and wind turbines, boilers, heat engines, solar cells, bioenergy, gasification, wave and tidal power and energy storage).

| Title | Tags |
| --- | --- |
| Role of Energy | 179469, 4 |

**Learning Outcome**
Appreciate of the role of energy in society, and how energy affects life styles and political and economic stability.

| Title | Tags |
| --- | --- |
| Energy Use Patterns | 179470, 5 |

**Learning Outcome**
Evaluate personal, household, and industrial energy use patterns, and understand ways to minimize the environmental and societal impacts of energy usage, including criteria pollutant

management, options and implications for managing climate change, and energy resource issues.

| Title | Tags |
| --- | --- |
| Energy Career Opportunities | 179471, 6 |

**Learning Outcome**
Understand current and potential future energy career opportunities.

## CH EN 436 - Process Control and Dynamics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 436 |

**Teaching Area**
CH EN
**Course Title**
Process Control and Dynamics
**Course Description**
Process systems, associated control systems, and instrumentation. Use of Laplace transforms and complex variables.
**Department**
Chemical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

## CH EN 445 - Separations and Process Control Lab

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 445 |

**Teaching Area**
CH EN
**Course Title**
Separations and Process Control Lab
**Course Description**
Walk-in laboratory course covering topics from Separations and Process Control.
**Department**
Chemical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Concurrent enrollment in CH EN 436 and CH EN 476

| Title | Tags |
| --- | --- |
| Process Variables (BYU Course Objective) | 207637, 4 |

- CH EN 376 - Heat and Mass Transfer
  **AND** CH EN 386 - Chemical Reaction Engineering
  **AND** EC EN 301 - Elements of Electrical Engineering.

**Additional Comments:**

**Title**
Complex Problem Solving (ABET Student Outcome 1)

**Tags**
179586, 1

**Learning Outcome**
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

**Title**
Engineering Design (ABET Student Outcome 2)

**Tags**
179587, 2

**Learning Outcome**
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

**Title**
Critical Thinking (BYU Course Objective)

**Tags**
179589, 5

**Learning Outcome**
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

**Title**
Knowledge and Learning (ABET Student Outcome 7)

**Tags**
179590, 3

**Learning Outcome**
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

**Title**
Engineering Intuition (BYU Course Objective)

**Tags**
179591, 6

**Learning Outcome**
Students will be able to make

**Learning Outcome**
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

**Title**
Process Equipment (BYU Course Objective)

**Tags**
207638, 6

**Learning Outcome**
Students will be able to operate a process control system and understand the components of such a system.

**Title**
Critical Thinking (BYU Course Objective)

**Tags**
207721, 2

**Learning Outcome**
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

**Title**
Engineering Intuition (BYU Course Objective)

**Tags**
207722, 3

**Learning Outcome**
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

**Title**
Experimentation and Analysis (ABET Student Outcome 6)

**Tags**
207724, 1

**Learning Outcome**
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

**Title**
Molecular-level Understanding (BYU Course Objective)

**Tags**
207723, 0, 5

**Learning Outcome**
Students will be able to explain how molecular and continuum

order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

phenomena give rise to macroscopic behavior, processes, and properties.

**Title**
Feedback Control Equipment (BYU Course Objective)

**Tags**
179592, 7

**Learning Outcome**
Students will be able to design a simple feedback loop to control process equipment.

**Title**
Transient Mass Balance (BYU Course Objective)

**Tags**
179593, 9

**Learning Outcome**
Students will be able to set up and solve transient mass balances.

**Title**
Transient Energy Balance (BYU Course Objective)

**Tags**
179594, 10

**Learning Outcome**
Students will be able to set up and solve transient energy balances.

**Title**
Role of Valves (BYU Course Objective)

**Tags**
179595, 11

**Learning Outcome**
Students will have a qualitative understanding of the role of valves in process control.

**Title**
Feedback Control Loop Tuning (BYU Course Objective)

**Tags**
179596, 12

**Learning Outcome**
Students will be able to tune a single feedback control loop.

**Title**
Process Control Terminology and Strategies (BYU Course Objective)

**Tags**
179597, 13

**Learning Outcome**
Students will be able to define process control terminology and

understand the following control strategies: feed-back control, feed-forward control, and cascade control; as well as the difference between linear and nonlinear systems.

**Title**
Fitting Linear Models (BYU Course Objective)

**Tags**
179598, 14

**Learning Outcome**
Students will be able to fit data from step or pulse tests to linear models.

**Title**
Transfer Functions (BYU Course Objective)

**Tags**
179599, 15

**Learning Outcome**
Students will understand the concept of a transfer function in classical control and be able to use transfer functions (Laplace domain) to approximate the behavior of control loops and their components.

**Title**
Closed-loop Behavior (BYU Course Objective)

**Tags**
179600, 16

**Learning Outcome**
Students will be able to predict the closed-loop behavior and evaluate the stability of simple control loops.

**Title**
Block Diagrams (BYU Course Objective)

**Tags**
179601, 17

**Learning Outcome**
Students will be able to use block diagrams to help determine system response characteristics.

**Title**
Process Variables (BYU Course Objective)

**Tags**
179603, 8

**Learning Outcome**
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

| Title | Tags |
| --- | --- |
| Control System Operation (BYU Course Objective) | 179604, 19 |

**Learning Outcome**
Students will be able to operate a process control system and understand the components of such a system.

| Title | Tags |
| --- | --- |
| Simulation Software (BYU Course Objective) | 179588, 0, 4 |

**Learning Outcome**
Students will be able to simulate the time response of processes with manual and automatic control.

| Title | Tags |
| --- | --- |
| Multiple Control Loops (BYU Course Objective) | 179602, 0, 18 |

**Learning Outcome**
Student will be able to design control strategies for multiple interacting control loops.

| Title | Tags |
| --- | --- |
| Historical Data (BYU Course Objective) | 212010, 0, 20 |

**Learning Outcome**
Students will be able to identify process dynamics, and improve control strategies, using historical process data.

## CH EN 451 - Chemical Engineering Plant Design and Process Synthesis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 451 |

**Teaching Area**
CH EN
**Course Title**
Chemical Engineering Plant Design and Process Synthesis
**Course Description**
Design of chemical engineering processes and plants; requiring application of unit operations, chemical process principles, economic analysis. Synthesis and optimization of chemical processes.
**Department**
Chemical Engineering

## CH EN 461 - Chemical Engineering Problem Solving through Experiential Learning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 461 |

**Teaching Area**
CH EN
**Course Title**
Chemical Engineering Problem Solving through Experiential Learning
**Course Description**
Experiential learning in complex problem solving of industrial scale projects.
**Department**
Chemical Engineering
**When Taught**

When Taught
Winter

## Credit Hours

Min
4

Fixed
4

## Lecture Hours

Fixed
4

## Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- 378 - Science of Engineering Materials
  **AND** CH EN 436 - Process Control and Dynamics
  **AND** CH EN 476 - Separations

**Additional Comments:**

Note
College Lecture attendance required.

Title
Engineering Design (ABET Student Outcome 2)

Tags
207640, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Communication (ABET Student Outcome 3)

Tags
207641, 3

Learning Outcome
Students will be able to communicate effectively with a range of audiences.

Winter

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CH EN 436 - Process Control and Dynamics
  **AND** CH EN 476 - Separations

**Additional Comments:**

Other Prerequisites
CH EN 479 preferred as a prerequisite, but concurrent enrollment allowed

Title
Complex Problems (ABET Student Outcome 1)

Tags
212023, 0, 1

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Tags
212024, 0, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental,

Title
Ethical and Professional Responsibilities (ABET Student Outcome 4)

Tags
207642, 4

Learning Outcome
Students will be able to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

Title
Teamwork and Leadership (ABET Student Outcome 5)

Tags
207644, 5

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Simulation Software (BYU Course Objective)

Tags
207645, 6

Learning Outcome
Students will be able to use commercial process simulation software (e.g. Chemcad, HYSYS, Aspen, etc).

Title
Materials Selection (BYU Course Objective)

Tags
207659, 11

Learning Outcome
Students will be able to select materials, based on their properties and behaviors, for a given application.

Title
Complex Problems (ABET Student Outcome 1)

Tags
212011, 0, 1

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and

and economic factors.

Title
Communication (ABET Student Outcome 3)

Tags
212025, 0, 3

Learning Outcome
Students will be able to communicate effectively with a range of audiences.

Title
Teamwork & Leadership (ABET Student Outcome 5)

Tags
212026, 0, 4

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Experimentation & Analysis (ABET Student Outcome 6)

Tags
212027, 0, 5

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

mathematics.

| Title | Tags |
| --- | --- |
| Turbines and Compressors (BYU Course Objective) | 207648, 0, 7 |

**Learning Outcome**
Students will be able to perform design calculations for turbines and compressors in power and refrigeration cycles.

| Title | Tags |
| --- | --- |
| Risk Management (BYU Course Objective) | 207651, 0, 8 |

**Learning Outcome**
Students will be able to apply principles of risk management, Hazards and Operability Studies (HAZOPS), Layers of Protection Analysis (LOPA), and fault-tree analyses in process design.

| Title | Tags |
| --- | --- |
| Oral Presentations (BYU Course Objective) | 207653, 0, 9 |

**Learning Outcome**
Students will be able to communicate effectively in oral presentations to technical and business audiences.

| Title | Tags |
| --- | --- |
| Written Reports (BYU Course Objective) | 207655, 0, 10 |

**Learning Outcome**
Students will be able to communicate effectively in short and long written formats.

| Title | Tags |
| --- | --- |
| Critical Thinking (BYU Course Objective) | 212012, 0, 12 |

**Learning Outcome**
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

| Title | Tags |
| --- | --- |
| Engineering Intuition (BYU Course Objective) | 212013, 0, 13 |

Course Objective) 212013, 0, 13

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Safety and Environment in Design (BYU Course Objective)

Tags
207652, 0, 15

Learning Outcome
Students will have a working knowledge of safety and environmental regulations and be able to incorporate safety and environmental considerations into engineering design.

Title
Value of Money (BYU Course Objective)

Tags
212014, 0, 16

Learning Outcome
Students will be able to use concepts of interest, compounding, time value of money, annuities, and inflation in performing economic analyses.

Title
Capital Costs

Tags
212015, 0, 17

Learning Outcome
Students will be able to estimate costs in capital ventures, including capital costs, operating costs, cash flow, and profit.

Title
Profitability (BYU Course Objective)

Tags
212016, 0, 18

Learning Outcome
Students will be able to evaluate project profitability using equivalence methods (e.g., net present value) and rate-of-return methods (e.g., internal rate of return).

Title
Multiple-Unit Process Design (BYU Course Objective)

Tags
207650, 0, 19

Learning Outcome

Students will be able to design multiple-unit processes-for fluid flow, heat transfer, reactions, and separations-to produce desired products at specified purities.

**Title**
Flow Systems (BYU Course Objective)

**Tags**
207646, 0, 20

**Learning Outcome**
Students will be able to design flow systems involving pumps, valves, piping, and fittings.

**Title**
Phase Behavior (BYU Course Objective)

**Tags**
212017, 0, 21

**Learning Outcome**
Students will be able to solve problems related to pure-component phase behavior including vapor pressure, critical point, freezing line, triple point, etc.

**Title**
Phase Equilibrium (BYU Course Objective)

**Tags**
212018, 0, 22

**Learning Outcome**
Students will be able to apply solution thermodynamics fundamentals to solve phase equilibrium problems.

**Title**
Chemical Reactions (BYU Course Objective)

**Tags**
212019, 0, 23

**Learning Outcome**
Students will be able to apply the fundamental principles of chemical reactions including conversion, extent of reaction, and equilibrium.

**Title**
Reactor Design (BYU Course Objective)

**Tags**
212020, 0, 24

**Learning Outcome**
Students will be able to design isothermal and non-isothermal chemical reactors.

**Title**
Separation Processes (BYU Course Objective)

**Tags**
212021, 0, 25

**Learning Outcome**
Students will be able to design separations process units including tray-type and packed columns.

**Title**
Material and Energy Balances (BYU Course Objective)

**Tags**
207656, 0, 26

**Learning Outcome**
Students will be able to set up and solve steady state material and energy balances.

**Title**
Heat Transfer Processes (BYU Course Objective)

**Tags**
207647, 0, 27

**Learning Outcome**
Students will be able to design process units for heat transfer.

**Title**
Professional Commitment (BYU Course Objective)

**Tags**
212022, 0, 14

**Learning Outcome**
Students will be committed to safe and environmentally responsible engineering.

## CH EN 475 - Unit Operations Laboratory 1

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
475

**Teaching Area**
CH EN

**Course Title**
Unit Operations Laboratory 1

**Course Description**
Experimental verification of unit operations design principles; data collection and reduction; report preparation.

**Department**
Chemical Engineering

**When Taught**
Contact Department

### Credit Hours

Min

## CH EN 476 - Separations

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
476

**Teaching Area**
CH EN

**Course Title**
Separations

**Course Description**
Stage operations, distillation, extraction, and absorption; design applications.

**Department**
Chemical Engineering

**When Taught**
Fall

### Credit Hours

Min

Min
2

Fixed
2

## Lecture Hours

Fixed
0

## Lab Hours

Fixed
6

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CH EN 376 - Heat and Mass Transfer
  **AND** STAT 201 - Statistics for Engineers and Scientists
  **AND** WRTG 316 - Technical Communication

**Additional Comments:**

Recommended
Ch En 391

| Title | Tags |
|---|---|
| Communication (ABET Student Outcome 3) | 207672, 1 |

Learning Outcome
Students will be able to communicate effectively with a range of audiences.

| Title | Tags |
|---|---|
| Teamwork and Leadership (ABET Student Outcome 5) | 207674, 3 |

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

| Title | Tags |
|---|---|
| Experimentation and Analysis (ABET Student Outcome 6) | 207675, 4 |

Learning Outcome
Students will be able to develop

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CH EN 373 - Chemical Engineering Thermodynamics.
  **AND** CH EN 376 - Heat and Mass Transfer

**Additional Comments:**

Note
College Lecture attendance required.

| Title | Tags |
|---|---|
| Complex Problem Solving (ABET Student Outcome 1) | 179501, 1 |

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

| Title | Tags |
|---|---|
| Engineering Design (ABET Student Outcome 2) | 179502, 2 |

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

| Title | Tags |
|---|---|
| Knowledge and Learning (ABET Student Outcome 7) | 179503, 3 |

and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Title
Pumps and Valves (BYU Course Objective)

Tags
207676, 5

Learning Outcome
Students will have a practical understanding of the function and use of pumps and valves and be able to make design decisions accordingly.

Title
Shell and Tube Heat Exchanger Design (BYU Course Objective)

Tags
207677, 6

Learning Outcome
Students will be able to design shell & tube heat exchangers to meet specific needs.

Title
Safe Engineering Practice (BYU Course Objective)

Tags
207685, 8

Learning Outcome
Students will understand the need for safe engineering practices; demonstrate knowledge of pertinent safety laws and regulations; understand and have a basic knowledge of how safety considerations are incorporated into engineering design.

Title
Technical Presentations (BYU Course Objective)

Tags
207686, 9

Learning Outcome
Students will be able to give effective, well-organized oral presentations to a technical audience.

Title
Oral Reports (BYU Course Objective)

Tags
207687, 10

Learning Outcome
Students will be able to write effective, well-organized reports.

Learning Outcome
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

Title
Process Simulator (BYU Course Objective)

Tags
179504, 5

Learning Outcome
Students will be able to use commercial process simulation software (e.g. Chemcad, HYSYS, Aspen, etc).

Title
Material Balances (BYU Course Objective)

Tags
179505, 13

Learning Outcome
Students will be able to set up and solve steady state material balances.

Title
Energy Balances (BYU Course Objective)

Tags
179506, 14

Learning Outcome
Students will be able to set up and solve steady state energy balances.

Title
Thermodynamics of Mixtures (BYU Course Objective)

Tags
179507, 15

Learning Outcome
Students will understand the fundamental concepts of solution thermodynamics including chemical potential, fugacity, activity, partial molar properties, ideal solutions, and excess properties.

Title
Phase Diagrams (BYU Course Objective)

Tags
179508, 16

Learning Outcome
Students will be able to read and understand phase diagrams and use these to determine physical phenomena.

**Title**
Process Variables (BYU Course Objective)

**Tags**
207689, 12

**Learning Outcome**
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

**Title**
Process Control System (BYU Course Objective)

**Tags**
207690, 13

**Learning Outcome**
Students will be able to operate a process control system and understand the components of such a system.

**Title**
Process Equipment (BYU Course Objective)

**Tags**
207691, 14

**Learning Outcome**
Students will be able to explain and operate real process equipment.

**Title**
Engineering Statistics (BYU Course Objective)

**Tags**
207692, 15

**Learning Outcome**
Students will understand basic engineering statistics.

**Title**
Pumps, Turbines, Compressors (BYU Course Objective)

**Tags**
207678, 0, 7

**Learning Outcome**
Students will be able to perform design calculations for pumps, turbines, and/or compressors (e.g., involving $\Delta H$, $\Delta S$, work, heat, efficiencies).

**Title**
Codes of Ethics (BYU Course Objective)

**Tags**
207688, 0, 11

**Learning Outcome**
Students will understand and commit to practice the AIChE code of ethics.

**Title**
Dimensionless Numbers (BYU Course Objective)

**Tags**
179510, 4

**Learning Outcome**
Students will be able to describe the physical significance behind dimensionless numbers and how these relate to system behavior.

**Title**
Flash Calculations (BYU Course Objective)

**Tags**
179511, 8

**Learning Outcome**
Students will be able to set up and solve single-stage flash calculations.

**Title**
Tray-type Columns (BYU Course Objective)

**Tags**
179512, 9

**Learning Outcome**
Students will be able to design tray-type columns (e.g., number of trays, tray efficiency, column height, column diameter, product specs) and packed columns (e.g., height of column, packing material, column diameter, flooding velocity).

**Title**
Liquid-Liquid Extraction (BYU Course Objective)

**Tags**
179513, 10

**Learning Outcome**
Students will be able to design systems for liquid-liquid extraction.

**Title**
Batch Distillation (BYU Course Objective)

**Tags**
179514, 11

**Learning Outcome**
Students will be able to solve binary batch distillation design problems with and without rectifying stages.

**Title**
Critical Thinking (BYU Course Objective)

**Tags**
179515, 6

**Learning Outcome**
Students will exhibit critical and

creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

**Title**
Engineering Intuition (BYU Course Objective)

**Tags**
179516, 7

**Learning Outcome**
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

**Title**
Azeotropes (BYU Course Objective)

**Tags**
179571, 12

**Learning Outcome**
Students will be able to design separation processes involving systems that form azeotropes or are only partially miscible in each other.

**Title**
Molecular-level Understanding (BYU Course Objective)

**Tags**
179509, 0, 17

**Learning Outcome**
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

## CH EN 477 - Unit Operations Laboratory 2

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
477

**Teaching Area**
CH EN

**Course Title**
Unit Operations Laboratory 2

**Course Description**
Experimental verification of unit operations design principles; data collection and reduction; report preparation.

**Department**
Chemical Engineering

**When Taught**
Contact Department

### Credit Hours

## CH EN 479 - Unit Operations Laboratory

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
479

**Teaching Area**
CH EN

**Course Title**
Unit Operations Laboratory

**Course Description**
Experimental verification of unit operations design principles; data collection and reduction; report preparation.

**Department**
Chemical Engineering

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CH EN 386 - Chemical Reaction Engineering
  **AND** CH EN 475 - Unit Operations Laboratory 1
  **AND** CH EN 476 - Separations

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Communication (ABET Student Outcome 3) | 207693, 1 |

**Learning Outcome**
Students will be able to communicate effectively with a range of audiences.

| Title | Tags |
| --- | --- |
| Teamwork and Leadership (ABET Student Outcome 5) | 207695, 3 |

**Learning Outcome**
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

| Title | Tags |
| --- | --- |
| Experimentation and Analysis (ABET Student Outcome 6) | 207696, 4 |

**Learning Outcome**
Students will be able to develop and conduct appropriate

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CH EN 376 - Heat and Mass Transfer
  **AND** CH EN 386 - Chemical Reaction Engineering
  **AND** WRTG 316 - Technical Communication

**Additional Comments:**

**Recommended**
CH EN 391, STAT 121

| Title | Tags |
| --- | --- |
| Communication (ABET Student Outcome 3) | 207660, 1 |

**Learning Outcome**
Students will be able to communicate effectively with a range of audiences.

| Title | Tags |
| --- | --- |
| Teamwork and Leadership (ABET Student Outcome 5) | 207662, 2 |

**Learning Outcome**
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

| Title | Tags |
| --- | --- |
| Experimentation and Analysis (ABET Student Outcome 6) | 207663, 3 |

**Learning Outcome**

experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Title
Safe Engineering Practice (BYU Course Objective)

Tags
207697, 7

Learning Outcome
Students will understand the need for safe engineering practices; demonstrate knowledge of pertinent safety laws and regulations; understand and have a basic knowledge of how safety considerations are incorporated into engineering design.

Title
Technical Presentations (BYU Course Objective)

Tags
207698, 8

Learning Outcome
Students will be able to give effective, well-organized oral presentations to a technical audience.

Title
Oral Reports (BYU Course Objective)

Tags
207699, 9

Learning Outcome
Students will be able to write effective, well-organized reports.

Title
Codes of Ethics (BYU Course Objective)

Tags
207700, 10

Learning Outcome
Students will understand and commit to practice the AIChE code and other professional codes of ethics.

Title
Process Variables (BYU Course Objective)

Tags
207701, 11

Learning Outcome
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Title
Safe Engineering Practice (BYU Course Objective)

Tags
207664, 9

Learning Outcome
Students will understand the need for safe engineering practices; demonstrate knowledge of pertinent safety laws and regulations; understand and have a basic knowledge of how safety considerations are incorporated into engineering design.

Title
Technical Presentations (BYU Course Objective)

Tags
207665, 10

Learning Outcome
Students will be able to give effective, well-organized oral presentations to a technical audience.

Title
Written Reports (BYU Course Objective)

Tags
207666, 11

Learning Outcome
Students will be able to write effective, well-organized reports.

Title
Process Variables (BYU Course Objective)

Tags
207668, 13

Learning Outcome
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

Title
Process Control System (BYU Course Objective)

Tags
207669, 14

Learning Outcome
Students will be able to operate a process control system and

understand the components of such a system.

**Title**
Process Control System (BYU Course Objective)

**Tags**
207702, 12

**Learning Outcome**
Students will be able to operate a process control system and understand the components of such a system.

**Title**
Process Equipment (BYU Course Objective)

**Tags**
207703, 13

**Learning Outcome**
Students will be able to explain and operate real process equipment.

**Title**
Engineering Statistics (BYU Course Objective)

**Tags**
207704, 14

**Learning Outcome**
Students will understand basic engineering statistics.

**Title**
Reactor Sizing and Performance (BYU Course Objective)

**Tags**
207705, 5

**Learning Outcome**
Students will be able to size and do performance calculations on single, isothermal plug-flow, CSTR, and batch reactors for a single homogeneous or heterogeneous reaction.

**Title**
Sizing Reactors for Serial and Parallel Reactions (BYU Course Objective)

**Tags**
207706, 6

**Learning Outcome**
Students will be able to select and size isothermal reactors for series and/or parallel reactions.

**Title**
Process Equipment (BYU Course Objective)

**Tags**
207670, 15

**Learning Outcome**
Students will be able to explain and operate real process equipment.

**Title**
Engineering Statistics (BYU Course Objective)

**Tags**
207671, 16

**Learning Outcome**
Students will understand basic engineering statistics.

**Title**
Pumps and Valves (BYU Course Objective)

**Tags**
207707, 4

**Learning Outcome**
Students will have a practical understanding of the function and use of pumps and valves and be able to make design decisions accordingly.

**Title**
Shell and Tube Heat Exchanger Design (BYU Course Objective)

**Tags**
207708, 5

**Learning Outcome**
Students will be able to design shell & tube heat exchangers to meet specific needs.

**Title**
Pumps, Turbines, Compressors (BYU Course Objective)

**Tags**
207709, 8

**Learning Outcome**
Students will be able to perform design calculations for pumps, turbines, and/or compressors (e.g., involving DH, DS, work, heat, efficiencies).

**Title**
Reactor Sizing and Performance (BYU Course Objective)

**Tags**
207710, 6

**Learning Outcome**
Students will be able to size and

do performance calculations on single, isothermal plug-flow, CSTR, and batch reactors for a single homogeneous or heterogeneous reaction.

**Title**
Sizing Reactors for Serial and Parallel Reactions (BYU Course Objective)

**Tags**
207711, 7

**Learning Outcome**
Students will be able to select and size isothermal reactors for series and/or parallel reactions.

**Title**
Codes of Ethics (BYU Course Objective)

**Tags**
207667, 0, 12

**Learning Outcome**
Students will understand and commit to practice the AIChE code of ethics.

## CH EN 481 - Introduction to Semiconductor Processing

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
481

**Teaching Area**
CH EN

**Course Title**
Introduction to Semiconductor Processing

**Course Description**
Introduction to unit operations related to silicon-based semiconductor processing. Topics include substrate preparation, photolithography, doping, etching, deposition, CMP, interconnects, and device basics.

**Department**
Chemical Engineering

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 112 - Principles of Chemistry 2
  **AND** MATH 303 - Mathematics for Engineering 2

**Additional Comments:**

**Other Prerequisites**
Or equivalents. Junior standing in chemical engineering; EC En 452 must be taken concurrently.

## CH EN 491 - Networking for Career Advancement

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
491

**Teaching Area**
CH EN

**Course Title**
Networking for Career Advancement

**Course Description**
Examination of the job seeking process, with a focus on the most time-effective approaches to launching a career. Prioritizing time, setting goals, and effectively creating a strategic network within the desired career field. Tailored for those seeking a job directly after graduation.

**Department**
Chemical Engineering

**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

## CH EN 493R - Special Topics--Undergraduate

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
493R

**Teaching Area**
CH EN

**Course Title**
Special Topics--Undergraduate

**Course Description**
Classroom study based on student and faculty interest.

**Department**
Chemical Engineering

**When Taught**
Contact Department

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Broad Education | 179397, 0 |

**Learning Outcome**
Students will gain a broad understanding of engineering fundamentals and practices.

## CH EN 495R - Global Engineering Outreach Projects

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
495R

**Teaching Area**
CH EN

**Course Title**
Global Engineering Outreach Projects

**Course Description**
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

**Department**
Chemical Engineering

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

## CH EN 496 - Academic Internship Thesis

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
496

**Teaching Area**
CH EN

**Course Title**
Academic Internship Thesis

**Course Description**
Experiential learning in complex problem solving through an industrial internship or co-op. Thesis writing.

**Department**
Chemical Engineering

**When Taught**
Fall; Winter; Spring.

## CH EN 498R - Undergraduate Research

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
498R

**Teaching Area**
CH EN

**Course Title**
Undergraduate Research

**Course Description**
Undergraduate research experience.

**Department**
Chemical Engineering

**When Taught**
All Semesters/Terms

**Credit Hours**

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in CH EN 199R is permissible with department approval.

| | |
|---|---|
| **Title**<br>Complex Problems (ABET Student Outcome 1) | **Learning Outcome**<br>Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. |

| | |
|---|---|
| **Title**<br>Engineering Design (ABET Student Outcome 2) | **Learning Outcome**<br>Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors. |

| | |
|---|---|
| **Title**<br>Communication (ABET Student Outcome 3) | **Learning Outcome**<br>Students will be able to communicate effectively with a range of audiences. |

| | |
|---|---|
| **Title**<br>Experimentation & Analysis (ABET Student Outcome 6) | **Learning Outcome**<br>Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions. |

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

| | |
|---|---|
| **Title**<br>Research Experience | **Tags**<br>179409, 0 |

**Learning Outcome**
Students will perform fundamental research on specialized topics in a mentored learing enviroment.

## CH EN 499 - Mentored Research and Thesis

## CH EN 513 - Nuclear Reactor Transient

# CH EN 499 - Mentored Research and Thesis

## Course Information

**Teaching Area (new)**
CH EN

**Course Number**
499

**Teaching Area**
CH EN

**Course Title**
Mentored Research and Thesis

**Course Description**
Experiential learning in complex problem solving inherent to fundamental research.

**Department**
Chemical Engineering

**When Taught**
Fall; Winter; Spring.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

| Title | Learning Outcome |
|---|---|
| Complex Problems (ABET Student Outcome 1) | Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. |

| Title | Learning Outcome |
|---|---|
| Engineering Design (ABET Student Outcome 2) | Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors. |

| Title | Learning Outcome |
|---|---|
| Communication (ABET Student | Students will be able to communicate effectively with a |

# CH EN 512 - Nuclear Reactor Transient Modeling

## Course Information

**Teaching Area (new)**
CH EN

**Course Number**
512

**Teaching Area**
CH EN

**Course Title**
Nuclear Reactor Transient Modeling

**Course Description**
This course focuses on the thermal-hydraulic assessment of nuclear reactor design basis and beyond design basis transients using state-of-the-art computer code. Instruction will focus on both instruction in using this code and study of design basis accidents for both standard and advanced reactor concepts.

**Department**
Chemical Engineering

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 374 - Fluid Mechanics

**Additional Comments:**

**Other Prerequisites**
or equivalent to CH EN 374

**Recommended**
CH EN 376

| | |
|---|---|
| Outcome 3) | range of audiences. |

| | |
|---|---|
| **Title**<br>Experimentation & Analysis (ABET Student Outcome 6) | **Learning Outcome**<br>Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions. |

## CH EN 513 - Molecular Modeling

### Course Information

**Teaching Area (new)**
CH EN
**Course Number**
513
**Teaching Area**
CH EN
**Course Title**
Molecular Modeling
**Course Description**
Fundamentals of quantum mechanics, statistical mechanics, and molecular-level modeling. Basics of computational chemistry and simulations using deterministic and stochastic methods (molecular dynamics and Monte Carlo) to calculate thermodynamic and transport properties of fluids and fluid mixtures.
**Department**
Chemical Engineering
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

## CH EN 518 - Biomedical Engineering Principles

### Course Information

**Teaching Area (new)**
CH EN
**Course Number**
518
**Teaching Area**
CH EN
**Course Title**
Biomedical Engineering Principles
**Course Description**
Application of chemical engineering principles to model physiologic systems and to solve medical problems.
**Department**
Chemical Engineering
**When Taught**
Winter odd years, Spring even years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CH EN 374 - Fluid Mechanics
  **AND** CH EN 376 - Heat and Mass Transfer

Prerequisites

**Complete ALL of the following Courses:**

- CH EN 373 - Chemical Engineering Thermodynamics.

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 463 - Physical Chemistry 2

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment.

| Title | Tags |
|---|---|
| Basics of Molecular Modeling | 179446, 1 |

**Learning Outcome**
Understand and be conversant with the basic principles of molecular modeling. These include simple stochastic and deterministic simulations, the fundamental equations of statistical mechanics, computational chemistry, and molecular simulation
Understand and be conversant with the basic principles of molecular modeling. These include simple stochastic and deterministic simulations, the fundamental equations of statistical mechanics, computational chemistry, and molecular simulation

| Title | Tags |
|---|---|
| Relating Molecular Concepts to Observables | 179447, 2 |

**Learning Outcome**
Develop an intuitive thinking pattern that relates observable phenomena to molecular concepts

| Title | Tags |
|---|---|
| Calculate Thermophysical Properties | 179448, 3 |

**Learning Outcome**
Be able to calculate a wide variety of thermophysical properties from fundamental molecular concepts using QSPR correlations, computational chemistry, molecular simulation, and statistical mechanics

**Title**

**Additional Comments:**

**Other Prerequisites**
or equivalent.

| Title | Tags |
|---|---|
| Oxygen & Carbon Dioxide Transfer | 179331, 12 |

**Learning Outcome**
Students will be able to mathematically estimate the transfer of oxygen and carbon dioxide in the lungs and in artificial oxygenators.

| Title | Tags |
|---|---|
| Total-body Mass Balances | 179370, 0 |

**Learning Outcome**
Students will be able to formulate total-body mass balances including the major incoming and outgoing components for the human body.

| Title | Tags |
|---|---|
| Transport Characterisitics | 179383, 1 |

**Learning Outcome**
Students will be able to discuss the transport characteristics of biological membranes in terms of permeability and to estimate the ion flux, electrochemical potential, or chemical species concentrations associated with a particular environment.

| Title | Tags |
|---|---|
| Bioethics | 179400, 13 |

**Learning Outcome**
Students will be able to discuss the foundational principles of bioethics and the legal and sociological factors that affect their implementation.

| Title | Tags |
|---|---|
| Mechanical Behavior | 179403, 4 |

**Learning Outcome**
Students will be able to analyze the mechanical behavior of physiological tissue and biomaterials in terms of stress-strain behavior, viscoelasticity, and motion.

| Title | Tags |
| --- | --- |
| Real Fluid Properties from Simulations | 179449, 4 |

**Learning Outcome**
Understand the fundamental relations of statistical mechanics and how to apply them (analytically) to ideal gases and how to use them to evaluate real-fluid properties from molecular simulations

| Title | Tags |
| --- | --- |
| Developing, Running, and Interpreting Molecular Simulations | 179450, 5 |

**Learning Outcome**
Be able to put together, run, and interpret the results of Monte Carlo and molecular dynamics simulations to study phenomena and/or properties

| Title | Tags |
| --- | --- |
| Obtaining Molecular Properties from Quantum Chemistry Calculations | 179451, 6 |

**Learning Outcome**
Be able to use modern quantum chemical software to optimize molecular geometries and obtain molecular properties and descriptors using a model chemistry

| Title | Tags |
| --- | --- |
| Man-made Flow Systems | 179410, 3 |

**Learning Outcome**
Students will be able to describe and to numerically predict major aspects of the humancirculatory system and the behavior of blood in physiologic and man-made flow systems.

| Title | Tags |
| --- | --- |
| Biomaterials | 179412, 5 |

**Learning Outcome**
Students will be able to describe the general classes of biomaterials and how they address requirements in various biomedical applications.

| Title | Tags |
| --- | --- |
| Time Behavior of Chemical Species | 179419, 9 |

**Learning Outcome**
Students will be able to formulate the equations to describe the time behavior of a chemical species for given physiological model, transport, and reaction assumptions.

| Title | Tags |
| --- | --- |
| Medical Imaging | 179425, 7 |

**Learning Outcome**
Students will be able to describe the major types of medical imaging and the advantages and disadvantages of each.

| Title | Tags |
| --- | --- |
| Tissue Engineering Processes | 179432, 6 |

**Learning Outcome**
Students will be able to describe the basic processes of tissue engineering and the associated cell growth and transport issues.

| Title | Tags |
| --- | --- |
| Neuroprosthetic Device | 179438, 2 |

**Learning Outcome**
Students will be able to discuss

the factors important to the effectiveness of a neuroprosthetic device.

| Title | Tags |
| --- | --- |
| Biosensors | 179440, 8 |

**Learning Outcome**
Students will be able to describe several common strategies used in biosensors and to explain the need for such sensors.

| Title | Tags |
| --- | --- |
| Drug Delivery Systems | 179441, 10 |

**Learning Outcome**
Students will be able to describe several medical circumstances for which drug delivery systems would be advantageous and to formulate the equations to describe the release of a drug into a patient under such circumstances.

| Title | Tags |
| --- | --- |
| Hemodialysis | 179443, 11 |

**Learning Outcome**
Students will be able to describe the clinical requirements for hemodialysis and to mathematically estimate the rate of removal of metabolic products by normal kidneys and during hemodialysis.

## CH EN 519 - Biochemical Engineering

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 519 |

**Teaching Area**
CH EN
**Course Title**
Biochemical Engineering
**Course Description**
Applying chemical engineering principles to biochemical systems.
**Department**
Chemical Engineering
**When Taught**
Winter Even Years

### Credit Hours

Min

## CH EN 522 - Combustion Processes

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 522 |

**Teaching Area**
CH EN
**Course Title**
Combustion Processes
**Course Description**
Fundamentals of transport processes in reacting flow systems with specific applications of various combustion processes.
**Department**
Chemical Engineering
**When Taught**
Winter Even Years

### Credit Hours

3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 374 - Fluid Mechanics
  **AND** CH EN 386 - Chemical Reaction Engineering

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment.

| Title | Tags |
|---|---|
| Biotechnology Applications | 179452, 1 |

**Learning Outcome**
Identify, recognize, and appreciate engineering contributions in biotechnology applications.

| Title | Tags |
|---|---|
| Tools of Biochemical Engineering | 179453, 2 |

**Learning Outcome**
Be familiar with the tools of biochemical engineering (PCR, rDNA technology, protein engineering, protein display, fermentation, etc.).

| Title | Tags |
|---|---|
| Protein Drugs | 179454, 3 |

**Learning Outcome**
Understand how protein drugs are discovered, produced, and purified.

**Title**

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 373 - Chemical Engineering Thermodynamics.
  **AND** CH EN 376 - Heat and Mass Transfer

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** ME EN 340 - Heat Transfer
  **AND** ME EN 422 - Applied Thermodynamics

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Enzyme and Metabolic Engineering | 179455, 4 |

**Learning Outcome**
Understand the role of enzyme and metabolic engineering in synthetic biology.

| Title | Tags |
| --- | --- |
| Bioreactors | 179456, 5 |

**Learning Outcome**
Utilize material balances to evaluate and optimize cell growth and substrate/product utilization in bioreactors.

| Title | Tags |
| --- | --- |
| Recovery and Purification | 179457, 6 |

**Learning Outcome**
Apply engineering principles to recover and purification techniques of bioprocess.

| Title | Tags |
| --- | --- |
| Literature | 179458, 7 |

**Learning Outcome**
Read and understand primary literature articles

## CH EN 528 - Industrial Catalytic Processes

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 528 |

**Teaching Area**
CH EN
**Course Title**
Industrial Catalytic Processes
**Course Description**
Fundamentals of catalytic chemistry and materials; applications to important industrial catalytic processes. Includes catalyst materials and preparation, catalyst characterization, fixed-bed reactor design, and catalyst deactivation.
**Department**
Chemical Engineering
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**

## CH EN 531 - Thermodynamics of Multicomponent Systems

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 531 |

**Teaching Area**
CH EN
**Course Title**
Thermodynamics of Multicomponent Systems
**Course Description**
Fundamental concepts and applications in first and second laws, equilibrium and stability, phase equilibrium, and homogeneous and heterogeneous chemical equilibrium.
**Department**
Chemical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 386 - Chemical Reaction Engineering

**Additional Comments:**

| Title | Tags |
|---|---|
| Process Chemistry | 179367, 1 |

**Learning Outcome**
Students will learn the key aspects of the process chemistry, kinetics, mechanisms, catalyst deactivation, reactor design and process design of 13 globally-significant catalytic processes.

| Title | Tags |
|---|---|
| Key Industrial Catalytic Processes | 179404, 0 |

**Learning Outcome**
Students will learn about key industrial catalytic processes in the production of chemicals, refining of petroleum, and control of the environment.

| Title | Tags |
|---|---|
| Catalysis Principles | 179407, 2 |

**Learning Outcome**
Students will apply principles of catalysis to derivation of rate expressions and reactor design calculations for a few processes.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 373 - Chemical Engineering Thermodynamics.

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 463 - Physical Chemistry 2

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment.

| Title | Tags |
|---|---|
| Pure-Fluid Calculations & Relationships | 179266, 0, 4 |

**Learning Outcome**
Calculate properties of pure fluids (e.g., vapor pressure, molar volumes, etc.) using correlations and equations of state. Calculate the properties of mixtures using ideal mixing properties and excess properties. Show relationships between pure-fluid properties (e.g., Clapeyron Equation) and determine partial molar enthalpies, volumes, and entropies from experimental data and from equations for excess Gibbs energy.

| Title | Tags |
|---|---|
| Phase Equilibrium | 179267, 0, 6 |

**Learning Outcome**
Write down the basic equations for vapor-liquid equilibrium

using the gamma and phi methods. Find vapor-liquid equilibrium phase compositions, dew points, and bubble points for binary systems with ideal gas phase using the method. Calculate, at a given temperature, pressure, and feed composition, liquid and vapor compositions and amounts vaporized using the gamma and phi methods. Calculate liquid-liquid compositions using excess Gibbs energy equations. Calculate solid-liquid solubilities.

| Title | Tags |
| --- | --- |
| Open Systems & Pure Fluids | 179387, 0, 2 |

**Learning Outcome**
Perform 1st & 2nd analysis of heat and work interactions for open systems. Calculate process variables for pure fluids using equations of state, departure functions, and corresponding states.

| Title | Tags |
| --- | --- |
| Pure-Fluid Calculations & Relationships | 179415, 0, 3 |

**Learning Outcome**
Demonstrate use of correlations and equations of state properties of pure fluids (e.g., vapor pressure, molar volumes, etc.). Utilize ideal mixing properties and excess properties in calculating the properties of mixtures. Show relationships between pure-fluid properties (e.g., Clapeyron Equation) and determine partial molar enthalpies, volumes, and entropies from various methods (e.g., experimental data and from equations for excess Gibbs energy).

| Title | Tags |
| --- | --- |
| Phase Equilibrium | 179398, 0, 5 |

**Learning Outcome**
Demonstrate proficiency with the basic equations for vapor-liquid equilibrium using the fugacity/fugacity coefficients and activity/activity coefficients. Find vapor-liquid equilibrium phase compositions, dew points,

and bubble points for binary systems with ideal gas phase using those parameters. Compute liquid-vapor equilibrium in binary systems and utilize gamma and phi methods at a given temperature, pressure, and feed composition, liquid and vapor compositions and amounts vaporized. Utilize liquid-liquid equilibrium equations and determine solid-liquid solubility.

| Title | Tags |
| --- | --- |
| Chemical Equilibrium | 179444, 0, 7 |

**Learning Outcome**
Know and use the relationship among heats of formation, absolute entropy and Gibbs energy of formation. Know and use the relationship between Gibbs energy of formation and the equilibrium constant. Use the equilibrium distribution of reacting ideal gas mixtures, equilibrium compositions and temperature for a given heat interaction (e.g., adiabatic, isothermal, or given heat leak) for a given feed composition, pressure, and initial temperature and real fluids.

| Title | Tags |
| --- | --- |
| Fundamental Understanding | 211249, 0, 1 |

**Learning Outcome**
Articulate how individual molecular and quantum behaviors are related to classical thermodynamics. Demonstrate how the variables from the fundamental laws of thermodynamics are related to each other.

## CH EN 533 - Transport Phenomena

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
533

**Teaching Area**
CH EN

**Course Title**
Transport Phenomena

**Course Description**
Transport mechanisms and coefficients and fundamental field

## CH EN 535 - Kinetics and Catalysis

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
535

**Teaching Area**
CH EN

**Course Title**
Kinetics and Catalysis

**Course Description**
Theories and principles of chemical kinetics, including heterogeneous

Transport mechanisms and coefficients and fundamental field equations for momentum, heat, and mass transport, with application to system design.

**Department**
Chemical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 376 - Heat and Mass Transfer **AND** MATH 303 - Mathematics for Engineering 2

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 376 - Heat and Mass Transfer **AND** MATH 447 - Introduction to Partial Differential Equations

**Additional Comments:**

| Other Prerequisites | Recommended |
|---|---|
| ChEn 476 or concurrent enrollment | Math 447 |

| Title | Tags |
|---|---|
| Conservation Laws | 179268, 0, 1 |

**Learning Outcome**
Derive the equations of change for total mass, species mass, momentum, and energy from conservation principles for Cartesian or orthogonal curvilinear coordinate systems.

Theories and principles of chemical kinetics, including heterogeneous catalysis and reactor design.

**Department**
Chemical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 386 - Chemical Reaction Engineering

**Additional Comments:**

| Title | Tags |
|---|---|
| Elementary Reactions and Ideal Reactors | 179277, 0, 1 |

**Learning Outcome**
Describe principles of chemical reactions, including elementary reactions and stoichiometry. Identify and utilize general properties of rate laws associated with elementary reactions. Derive material and energy balances for ideal reactors from first principles, including transient plug flow reactors and gas expansion. Derive the pressure drop equation and estimate pressure drop parameters for packed bed reactors. Apply principles of rate laws, material and energy balances, pressure drop, extent of reaction, and conversion for solving steady state and unsteady state ideal reactor design problems. Incorporate

| Title | Tags |
| --- | --- |
| Dimensional Analysis | 179269, 0, 2 |

**Learning Outcome**
Apply the principles of dimensional analysis to the equations of change to generate terms containing dimensionless parameters such as Re, Pr, Sc, Gr, and Pe.

| Title | Tags |
| --- | --- |
| Physical Intuition | 211189, 0, 3 |

**Learning Outcome**
Understand the origin and physical meaning of terms in the equations of change and when and how to use appropriate simplifying assumptions for a given engineering problem.

| Title | Tags |
| --- | --- |
| Vectors and Tensors | 179270, 0, 4 |

**Learning Outcome**
Interpret and manipulate transport equations and corresponding solutions that are expressed using vector and tensor notation in Cartesian or orthogonal curvilinear coordinate systems.

| Title | Tags |
| --- | --- |
| Solutions to the Equations of Change | 179271, 0, 5 |

**Learning Outcome**
Generate analytic solutions to the equations of change using various techniques.

| Title | Tags |
| --- | --- |
| Transport Properties | 179273, 0, 7 |

**Learning Outcome**
Explain the molecular origins of observed transport properties and predict the transport properties from traditional theories.

| Title | Tags |
| --- | --- |
| Transport Applications | 179274, 0, 8 |

**Learning Outcome**
Become exposed to one current

problems. Incorporate computational tools, including Python, to solve the design problems.

| Title | Tags |
| --- | --- |
| Theory of Chemical Kinetics | 179278, 0, 2 |

**Learning Outcome**
Demonstrate an in-depth theoretical understanding of collision theory (CT) and transition-state theory (TST) associated with bimolecular reactions. Calculate partition functions for TST. Estimate pre-exponential factors from CT and TST for homogeneous bimolecular reactions. Recognize constraints of CT and TST. Utilize databases to assess accuracy of predictions and to estimate steric factors.

| Title | Tags |
| --- | --- |
| Rate Laws | 179279, 0, 3 |

**Learning Outcome**
Derive rate laws from a sequence of elementary steps for a homogeneous chain reaction or a heterogeneous catalytic reaction. Utilize principles of steady state approximation (SSA), rate limiting step (RLS), most abundant species intermediate (MASI), and Langmuir-Hinshelwood mechanisms in deriving rate laws. Recognize constraints and limitations of these methods. Identify principles and guidelines for measuring rate data. Fit rate data to obtain rate law parameters and associated statistical confidence levels of these parameters.

| Title | Tags |
| --- | --- |
| Catalysis | 179280, 0, 4 |

**Learning Outcome**
Understand molecular processes involved in adsorption/desorption of molecules on a solid surface. Derive rate laws for heterogeneous catalysis. Calculate catalyst properties based on BET analysis and mercury porosimetry. Estimate Knudsen diffusion coefficients

become exposed to one or more advanced topics in transport phenomena including interfacial transport, fluid turbulence, multicomponent energy and mass transfer, electrolyte transport, and buoyancy-driven transport.

| Title | Tags |
| --- | --- |
| Innovation | 179276, 0, 10 |

**Learning Outcome**
Analyze the viability of proposed solutions to engineering problems in terms of transport processes. Apply knowledge of transport processes to generate new solutions to engineering problems.

and predict effective diffusion coefficients. Calculate concentration and temperature gradients in various catalyst geometries and estimate isothermal and non-isothermal effectiveness factors associated with internal and external transport resistances. Utilize the above principles to predict the operation of catalytic reactors.

| Title | Tags |
| --- | --- |
| Non-ideal Reactors | 179281, 0, 5 |

**Learning Outcome**
Identify factors that lead to non-ideal reactors. Utilize residence time distribution (RTD) tools to characterize non-ideal reactors. Utilize methods to predict RTDs for reactors in series, reactors in parallel, and reactors with dead space or channeling. Apply zero-parameter models (segregation and maximum mixedness) and one-parameter models (tank-in-series and dispersion) to predict outputs of non-ideal reactors for single and multiple reactions. For the one-parameter models, demonstrate methods for determining the parameter used in the models.

## CH EN 536 - Machine Learning and Dynamic Optimization

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 536 |

**Teaching Area**
CH EN
**Course Title**
Machine Learning and Dynamic Optimization
**Course Description**
Machine Learning and Dynamic Optimization is a graduate level course on the theory and applications of numerical solutions of time-varying systems with a focus on engineering design and real-time control applications. Concepts taught in this course include physics-based and empirical modeling, machine learning classification and regression, nonlinear programming, estimation, and advanced control methods such as model predictive control.
**Department**
Chemical Engineering
**When Taught**
Winter

**Credit Hours**

## CH EN 541 - Numerical Methods for Engineers

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CH EN | 541 |

**Teaching Area**
CH EN
**Course Title**
Numerical Methods for Engineers
**Course Description**
Computer-aided design and numerical methods of chemical engineering processes.
**Department**
Chemical Engineering
**When Taught**
Winter Odd Years

**Credit Hours**

**Min**
3

**Fixed**

Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 436 - Process Control and Dynamics

**Additional Comments:**

**Other Prerequisites**
or equivalent to CH EN 436

**Recommended**
ME 575

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 376 - Heat and Mass Transfer
  **AND** MATH 303 - Mathematics for Engineering 2

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 376 - Heat and Mass Transfer
  **AND** MATH 334 - Ordinary Differential Equations

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## CH EN 578 - Polymer Science and Engineering

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
578

**Teaching Area**
CH EN

**Course Title**
Polymer Science and Engineering

**Course Description**
Foundation science and theory of polymer chemistry and physics and their implications in engineering applications. Topics include polymerization chemistry, structure-property relationships, polymer physics, and transport properties.

**Department**
Chemical Engineering

**When Taught**
Winter Even Years

### Credit Hours

## CH EN 593R - Special Topics - Intermediate

### Course Information

**Teaching Area (new)**
CH EN

**Course Number**
593R

**Teaching Area**
CH EN

**Course Title**
Special Topics - Intermediate

**Course Description**
Special topics for advanced undergraduate students and for graduate students.

**Department**
Chemical Engineering

**When Taught**
Contact Department

### Credit Hours

Min
1

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- 378 - Science of Engineering Materials

**Additional Comments:**

Other Prerequisites
or equivalent.

| Title | Tags |
| --- | --- |
| Manufacturing Processes | 179328, 5 |

Learning Outcome
Students can name various manufacturing processes and can do simple formulation of manufacturing processes to build things from polymers.

| Title | Tags |
| --- | --- |
| Polymer Configuration & Conformation | 179347, 1 |

Learning Outcome
Students recognize the roles that polymer configuration and conformation have upon polymer physical and chemical properties.

| Title | Tags |
| --- | --- |
| Polymer Scenario or Application | 179350, 8 |

Learning Outcome
For a given scenario or application, students can propose various polymers that meet the requirements, identify the

Fixed
3

Other Prerequisites
Instructor's consent

| Title | Tags |
| --- | --- |
| Non-curricular Knowledge | 179436, 0 |

Learning Outcome
Students will develop knowledge and skills about topics addressed at the appropriate level but not regularly taught as part of the department curriculum

monomers required to make the polymers, and design the industrial polymerization and manufacturing processes to produce the desired object for the application.

**Title**
Polymer & Monomer Identification

**Tags**
179374, 0

**Learning Outcome**
Students can name polymers and identify the monomers from which the polymers are built.

**Title**
Chain Polymerizations

**Tags**
179388, 2

**Learning Outcome**
Students can describe the mechanisms of chain polymerizations, and can predict reaction rates and polymer chain lengths.

**Title**
Step Polymerizations

**Tags**
179413, 3

**Learning Outcome**
Students can describle the mechanisms of step polymerizations, and can predict reaction rates and polymer chain lengths.

**Title**
Industrial Scale Polymerization Processes

**Tags**
179420, 7

**Learning Outcome**
Students can analyze industrial scale polymerization processes and evaluate the advantages and disadvantages of various processes.

**Title**
Polymer Recycling

**Tags**
179430, 6

**Learning Outcome**
Students recognize the principles of polymer recycling and can select appropriate recycle or reuse methods to balance economics and environmental responsibility.

| Title | Tags |
| --- | --- |
| Polymer Design | 179431, 4 |

**Learning Outcome**
Based on tabulated mechanical properties, students can design polymer structures to sustain engineering loads, and can predict deformations under load.

## CHEM 100 - Elementary College Chemistry

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
100
**Teaching Area**
CHEM
**Course Title**
Elementary College Chemistry
**Course Description**
Structure of matter and the chemical consequences of that structure.
**Department**
Chemistry & Biochemistry
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
PhyS 100 or equivalent
**Note**
For nonscience and nonmedical majors. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/CHEM-100-M002.

| Title | Tags |
| --- | --- |
| Problem solving | 204092, 1 |

**Learning Outcome**
Students will be able to make basic quantitative calculations

## CHEM 101 - Introductory General Chemistry

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
101
**Teaching Area**
CHEM
**Course Title**
Introductory General Chemistry
**Course Description**
Atomic and molecular structure, periodic relationships, states of matter, chemical reactions and stoichiometry, acids and bases.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 97 or equivalent
**Note**
Primarily for nonscience majors who require a broad introduction to general chemistry. Students seeking a chemistry course only to fulfill a GE requirement should enroll in Chem 102. Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

| Title | Tags |
| --- | --- |
| Big Picture | 204038, 0 |

basic quantitative calculations regarding a number of chemical concepts in preparation for more rigorous, college-level chemistry courses.

| Title | Tags |
| --- | --- |
| Chemistry principles | 204143, 0 |

**Learning Outcome**

Students will be able to view the world around them in chemical terms. Students will use the concepts of atoms, molecules, and their properties to understand a variety of phenomena.

**Learning Outcome**

Students will be able to view the world around them in chemical terms. Students will use the concepts of atoms, molecules, and their properties to understand a variety of phenomena.

| Title | Tags |
| --- | --- |
| Problem Solving | 204142, 1 |

**Learning Outcome**

Students will be able to make qualitative and/or quantitative predictions regarding a number of chemical concepts including chemical reactions and stoichiometry, calorimetry, osmosis, gases, acid/base chemistry, chemical equilibria, and radioactivity.

## CHEM 102 - Concepts of Chemistry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 102 |

**Teaching Area**
CHEM
**Course Title**
Concepts of Chemistry
**Course Description**
The chemical nature of the world and the process of scientific inquiry. Application to critical scientific issues facing society.
**Department**
Chemistry & Biochemistry
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## CHEM 105 - General College Chemistry 1 with Lab (Integrated)

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 105 |

**Teaching Area**
CHEM
**Course Title**
General College Chemistry 1 with Lab (Integrated)
**Course Description**
Atomic and molecular structure including bonding and periodic properties of the elements; reaction energetics, electrochemistry, acids and bases, inorganic and organic chemistry. Includes an exploratory laboratory component.
**Department**
Chemistry & Biochemistry
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

Lab Hours

Fixed
0

Note
Fulfills a GE physical science requirement, but will not count as a chemistry prerequisite toward any major or minor. Note: Completion of a college chemistry class disqualifies you from taking this class. Note: This class is intended for non-science majors only.

| Title | Tags |
| --- | --- |
| Critical thinking about scientific claims | 204005, 1 |

Learning Outcome
Students will demonstrate the ability to distinguish between reliable and questionable scientific claims as related to current, relevant issues facing society.

| Title | Tags |
| --- | --- |
| Science and religion | 204012, 2 |

Learning Outcome
Students will discuss intelligently the relationship between modern science and religious belief.

| Title | Tags |
| --- | --- |
| Chemistry principles | 204060, 0 |

Learning Outcome
Students will be able to view the world around them in chemical terms. Students will use the concepts of atoms, molecules, and their properties to understand a variety of phenomena.

Lab Hours

Fixed
3

Other Prerequisites
Math 110 (or equivalent) or concurrent enrollment.
Note
Primarily for students in engineering and biological sciences. Three lectures per week plus recitation sections and exploratory lab assignments. Registering for a given section (other than an online section) will automatically register you for the lecture and the recitation. Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Chemistry fundamentals | 205911, 1 |

Learning Outcome
Students will demonstrate a familiarity with the basic vocabulary and concepts of chemistry.

| Title | Tags |
| --- | --- |
| Quantitative laws | 205912, 2 |

Learning Outcome
Students will demonstrate a qualitative and basic quantitative understanding of the fundamental chemical laws which govern the material substances in our universe and which express how one variable in nature depends on another.

| Title | Tags |
| --- | --- |
| Problem solving | 205913, 3 |

Learning Outcome
Students will demonstrate the ability to manipulate quantitative descriptors of natural phenomena expressed both in the form of equations and of proportionalities, and solve chemistry problems using these skills.

| Title | Tags |
| --- | --- |
| Chemical Phenomenon | 205914, 4 |

Learning Outcome
A successful Chemistry 105 students describes chemical phenomenon by first focusing on

properties of the elements at the atomic level. Chemistry 105 students will gain a knowledge base of reactivity patterns of elements and compounds.

| Title | Tags |
| --- | --- |
| Field of Study | 205915, 5 |

**Learning Outcome**
Chemistry 105 students will be able to use their chemistry experience, knowledge, and skills to better understand and work in their own field of study.

## CHEM 106 - General College Chemistry 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 106 |

**Teaching Area**
CHEM
**Course Title**
General College Chemistry 2
**Course Description**
Continuation of Chem 105 but covering most of the topics in a more quantitative way. Detailed treatment of thermodynamics and equilibria.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## CHEM 107 - General College Chemistry Laboratory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 107 |

**Teaching Area**
CHEM
**Course Title**
General College Chemistry Laboratory
**Course Description**
Chemical properties, chemical reactions, collection and interpretation of data, preparation of reports.
**Department**
Chemistry & Biochemistry
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 111 - Principles of Chemistry 1

**Additional Comments:**

**Note**
Three lectures and one recitation per week. Registering for a given section will automatically register you for the lecture and the recitation.

| Title | Tags |
|---|---|
| Mastery of Chemistry Fundamentals | 205916, 1 |

**Learning Outcome**
Students will demonstrate an expanded mastery of the concepts that were learned in Chemistry 105 including: kinetics, chemical equilibrium, acids and bases, solubility and complexation equilibrium, electrochemistry, thermodynamics, organic, biochemistry, and nuclear chemistry.

| Title | Tags |
|---|---|
| Problem Solving | 205917, 2 |

**Learning Outcome**
Students will demonstrate the ability to solve mathematical problems, typically using algebra, in kinetics, chemical equilibrium, acids and bases, solubility and complexation equilibrium, electrochemistry, and thermodynamics.

Completion Requirement

**Complete ANY of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated) **OR** CHEM 111 - Principles of Chemistry 1

**Additional Comments:**

**Other Prerequisites**
Chem 106 or Chem 112 or concurrent enrollment
**Note**
Required for most students needing one year of general chemistry. Students taking the Chem 107 laboratory will be charged for non-returnable materials plus the cost of any breakage. Students are required to attend both the lecture and the lab.

| Title | Tags |
|---|---|
| Chem 107 | 204267, 3 |

**Learning Outcome**

Scientific Practices: Students will develop proficiency as scientists by asking questions, planning and carrying out experiments, analyzing and interpreting data, using models, constructing explanations, supporting arguments with evidence, and clearly and effectively communicating the results of their experiments.
Observation and Inference: Students will demonstrate the ability to carefully observe the outcomes of experiments, use that evidence to make inferences about molecular-level events, and communicate that information using the symbolic notation of chemistry.
Laboratory Techniques and Safety: Students will demonstrate skill at basic laboratory and safety techniques including measuring mass and liquid volumes, transferring chemicals, using a centrifuge, employing appropriate personal protective equipment, and disposing of waste materials properly.

## CHEM 111 - Principles of Chemistry 1

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHEM | 111 |

**Teaching Area**
CHEM
**Course Title**
Principles of Chemistry 1

## CHEM 112 - Principles of Chemistry 2

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHEM | 112 |

**Teaching Area**
CHEM
**Course Title**
Principles of Chemistry 2

**Course Description**
Stoichiometry, kinetic-molecular theory, thermodynamics, states of matter, solutions and equilibria, electrochemistry, structure and bonding, chemical reactions, kinetics.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Math 110 or equivalent.

**Recommended**
High school chemistry, physics, and introductory calculus or concurrent enrollment in Math 112

**Note**
Tutorial included.

**Title**
Application of Kinetic Theory of Gases

**Tags**
203873, 2

**Learning Outcome**
Students will be able to apply the kinetic theory of gases, including properties of ideal gases and interactions that lead to non-ideal behavior, to predict gas behavior with varied temperature, pressure and volume.

**Title**
Application of Chemical Thermodynamics

**Tags**
203874, 3

**Learning Outcome**
Students will demonstrate the ability to use core concepts of chemical thermodynamics, with emphasis on the first and second laws, to predict physical changes and reaction outcomes based on Gibbs energies.

**Course Description**
Continuation of Chem 111.
**Department**
Chemistry & Biochemistry
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ANY of the following Courses:**
- CHEM 111 - Principles of Chemistry 1
  **OR** CHEM 105 - General College Chemistry 1 with Lab (Integrated)

**Additional Comments:**

**Note**
Tutorial included.

**Title**
Applying Thermodynamics to Equilibria and Entropy

**Tags**
203876, 1

**Learning Outcome**
Students will be able to use thermodynamic principles and their application to physical and chemical equilibria to calculate entropic and enthalpic contributions to physical changes and reactions and predict equilibria given entropic and enthalpic changes.

**Title**
Applying Acid-Base Theory

**Tags**
203877, 2

**Learning Outcome**
Students will be able to apply acid-base theory, including

| Title | Tags |
| --- | --- |
| Application of Quantum Mechanics to Atomic Theory | 203875, 4 |

**Learning Outcome**
Students will be able to apply concepts of the quantum mechanical nature of light and matter to explain observations that originally led to the development of atomic theory.

| Title | Tags |
| --- | --- |
| Molecular Models | 204070, 0 |

**Learning Outcome**
Students will demonstrate the ability to use valence shell and molecular orbital models of bonding to predict molecular shapes, reactivity, and spectroscopic properties.

acid-base theory, including interactions of strong and weak acids and bases, to determination of pH values of solutions, calculating buffering capacity and performance of acid-base titrations. They will be able to use structural features of molecules to estimate acid and base strength.

| Title | Tags |
| --- | --- |
| Electrochemistry | 203878, 3 |

**Learning Outcome**
Students will demonstrate an understanding of electrochemistry in designing simple electrodes and will use reduction/oxidation potentials to characterize electrodes.

| Title | Tags |
| --- | --- |
| Applying Transition State Theory to Reactions | 203879, 4 |

**Learning Outcome**
Students will be able to apply transition state theory to reaction kinetics. Students will be able to model mathematically rates of multiple reaction types.

| Title | Tags |
| --- | --- |
| Periodic Table Principles | 203880, 5 |

**Learning Outcome**
Students will be able to apply the periodic nature of the elements to classify elements and identify the compositions of inorganic salts.

## CHEM 113 - Introductory General Chemistry Laboratory

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
113
**Teaching Area**
CHEM
**Course Title**
Introductory General Chemistry Laboratory
**Course Description**
Principles and techniques of chemical measurements. Concepts introduced in general chemistry lecture courses reinforced.
**Department**

## CHEM 195 - Freshman Seminar

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
195
**Teaching Area**
CHEM
**Course Title**
Freshman Seminar
**Course Description**
Impact of chemistry and biochemistry on science and society. Overview of areas of chemistry and undergraduate research. Benefits of a chemistry or biochemistry degree for jobs, graduate or professional school.
**Department**

Chemistry & Biochemistry
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ANY of the following Courses:**
- CHEM 111 - Principles of Chemistry 1
  **OR** CHEM 105 - General College Chemistry 1 with Lab (Integrated)

**Additional Comments:**

**Other Prerequisites**
Chem 112 or Chem 106 or concurrent enrollment (preferred). Chem 201 or concurrent enrollment.
**Note**
Students will be charged for non-returnable materials and the cost of any breakage. Attendance at both the lecture and lab is required.

| Title | Tags |
|---|---|
| Precise Quantitative Measurements | 203881, 1 |

**Learning Outcome**
Perform precise quantitative measurements using volumetric glassware, analytical balances, and electrochemical and spectrophotometric instrumentation.

| Title | Tags |
|---|---|
| Application of Chem 111 and Chem 112 to Laboratory Measureme | 203882, 2 |

**Learning Outcome**
Apply concepts of quantum mechanics, kinetics, equilibrium

**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Value of Degree | 204002, 2 |

**Learning Outcome**
Students will recognize the value of a chemistry and biochemistry degree and the range of opportunities for degree holders.

| Title | Tags |
|---|---|
| Societal Impact | 204045, 0 |

**Learning Outcome**
Students will appreciate the impact of chemistry and biochemistry on society.

| Title | Tags |
|---|---|
| Areas | 204178, 1 |

**Learning Outcome**
Students will understand the distinctions between the main areas of chemistry and biochemistry.

| Title | Tags |
|---|---|
| Research options | 204180, 3 |

**Learning Outcome**
Students will be aware of options to do undergraduate research.

and thermodynamics taught in Chem 111 and Chem 112 to laboratory measurements.

| Title | Tags |
| --- | --- |
| Separation and Classification of Inorganic Cations and Anion | 203883, 3 |

**Learning Outcome**
Apply a basic understanding of descriptive chemistry introduced in Chem 112 to the separation and classification of inorganic cations and anions.

| Title | Tags |
| --- | --- |
| Record Laboratory Procedures | 203884, 4 |

**Learning Outcome**
Record laboratory procedures and results neatly and concisely in a laboratory notebook

| Title | Tags |
| --- | --- |
| Report Experimental Results | 203885, 5 |

**Learning Outcome**
Report experimental results in a manner that gives proper attention to sources of experimental error.

## CHEM 201 - Chemical Handling and Safe Laboratory Practices

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 201 |

**Teaching Area**
CHEM
**Course Title**
Chemical Handling and Safe Laboratory Practices
**Course Description**
Safe handling of chemicals and safe practices in chemistry laboratories.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**

## CHEM 227 - Principles of Chemical Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 227 |

**Teaching Area**
CHEM
**Course Title**
Principles of Chemical Analysis
**Course Description**
Principles of quantitative analysis, introductory instrumental methods, and computer applications to chemical analysis.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Regulations | 203886, 1 |

**Learning Outcome**
Discuss regulations that govern a chemists activities: OSHO, EPA, DOT, CDC, NRC, and state agencies and specifically, the OSHA Laboratory Standard CFR 29 1910.1450 and EPA RCRA regulations (CFR 40) requiring "cradle to grave" responsibility

| Title | Tags |
| --- | --- |
| Chemical hazards | 203887, 2 |

**Learning Outcome**
Identify chemical hazard classes and follow administrative guidelines to work safely in a laboratory environment and properly store and dispose of chemicals. These guidelines include regulated exposure limits PEL, STEL, IDLH, Ceiling and other measurable standards, such as the TLV, LD50, LC50, SADT, and guidelines for use of compressed gases and cryogenic materials.

| Title | Tags |
| --- | --- |
| Protective equipment | 203888, 3 |

**Learning Outcome**
Demonstrate usage of protective equipment available for chemical exposure.

| Title | Tags |
| --- | --- |
| Accidents | 203889, 4 |

**Learning Outcome**
Respond to laboratory accidents,

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 113 - Introductory General Chemistry Laboratory

**Additional Comments:**

**Note**
Cost for non-returnable materials and breakage will be charged to the student account at the end of the semester. Students are required to attend both the lecture and the lab.

| Title | Tags |
| --- | --- |
| Laboratory Operations | 203893, 1 |

**Learning Outcome**
Demonstrate skill in performing precise, careful, basic laboratory operations such as sample preparation, calibration techniques, spectrophotometry, electrochemical analysis, titrimetric and chromatographic methods

| Title | Tags |
| --- | --- |
| Basic Measurement | 203894, 2 |

**Learning Outcome**
Explain basic measurement methods and devices

| Title | Tags |
| --- | --- |
| Reporting Scientific Results | 203895, 3 |

**Learning Outcome**
Show proficiency in reporting scientific results in numerical, graphical, and written formats, and be able to explain the ethical standards for such reports

**Title**

such as spills, fires, and cuts, and clean up a mercury spill.

| Title | Tags |
| --- | --- |
| Fire safety | 203890, 5 |

**Learning Outcome**
Recognize fire hazards and put out a fire using an ABC fire extinguisher.

| Title | Tags |
| --- | --- |
| Biological and radiological safety | 203891, 6 |

**Learning Outcome**
Discuss biological and radiological safety, including biosafety levels, management of biological waste, lasers, and radionuclides.

| Title | Tags |
| --- | --- |
| Data Analysis Computer Programs | 203896, 4 |

**Learning Outcome**
Show proficiency in using computer programs for data analysis

| Title | Tags |
| --- | --- |
| Apply Basic Statistics to Data Analysis | 203897, 5 |

**Learning Outcome**
Apply basic statistics to data analysis including, confidence intervals, t-test, linear regression, propagation of error, sampling statistics and signal-noise enhancement

| Title | Tags |
| --- | --- |
| Evaluate Experiments and Data | 203898, 6 |

**Learning Outcome**
Critically evaluate experiments and data with respect to theory and models

| Title | Tags |
| --- | --- |
| Application of Knowledge to New Problems | 203899, 7 |

**Learning Outcome**
Apply knowledge to new problems, including the design and validation of new analytical methods

## CHEM 285 - Introductory Bio-organic Chemistry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 285 |

**Teaching Area**
CHEM
**Course Title**
Introductory Bio-organic Chemistry
**Course Description**
Principles of organic chemistry and biochemistry relating to biomolecule structure and function.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall, Winter, Spring

## CHEM 297R - Research Training Experience

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 297R |

**Teaching Area**
CHEM
**Course Title**
Research Training Experience
**Course Description**
Developing competence in methods of research, safe practices, and application of classroom knowledge to research problems leading to confidence and independence in research work.
**Department**
Chemistry & Biochemistry
**When Taught**
All Semesters/Terms

**Credit Hours**

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Other Prerequisites
Chem 101 or equivalent

| Title | Tags |
| --- | --- |
| Organic Functional Groups | 204084, 1 |

Learning Outcome
Students will understand the structure and reactivity of organic functional groups, such as alcohols, aldehydes, carboxylic acids, and amides. For example, students will learn that aldehydes and ketones typically undergo addition reactions.

| Title | Tags |
| --- | --- |
| Biomolecules | 204115, 2 |

Learning Outcome
Students will understand the structure and reactivity of the biomolecules that have those functional groups. For example, students will be able to demonstrate that carbohydrates are aldehydes and ketones that undergo addition reactions to form hemiacetals and polysaccharides with acetal linkages.

| Title | Tags |
| --- | --- |
| Metabolism of Carbohydrates, Lipids and Proteins | 204118, 0 |

Learning Outcome
Students will understand the metabolism of carbohydrates, lipids, and proteins in humans. They will be able to describe in structures and words the metabolism of sugars through

### Credit Hours

Min
0.5

Fixed
0.5

Other Prerequisites
Instructor's consent, and Chem 201 or concurrent enrollment or special safety training

| Title | Tags |
| --- | --- |
| Research skills | 204136, 0 |

Learning Outcome
The student will develop the fundamental skills necessary to participate in mentored research in future semesters with a specific research group under the tutelage of a faculty member.

the pathways of glycolysis, the citric acid cycle, and the electron transport chain.

## CHEM 331 - Guided Learning for Chemistry Instruction

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
331

**Teaching Area**
CHEM

**Course Title**
Guided Learning for Chemistry Instruction

**Course Description**
Methods for guiding the learning of high school chemistry students, including modeling of instruction and practice in preparing and conducting demonstrations.

**Department**
Chemistry & Biochemistry

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 107 - General College Chemistry Laboratory

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 113 - Introductory General Chemistry Laboratory

## CHEM 351 - Organic Chemistry 1

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
351

**Teaching Area**
CHEM

**Course Title**
Organic Chemistry 1

**Course Description**
Fundamentals of bonding, structure, and reactions of organic compounds, including molecular geometry, polarity, conformation, isomerism, functional groups, stereochemistry, reactions and reaction mechanisms, and spectroscopy.

**Department**
Chemistry & Biochemistry

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 111 - Principles of Chemistry 1

Additional Comments:

Recommended
Chem 201

| Title | Tags |
| --- | --- |
| Chemistry Fundamentals | 203971, 2 |

Learning Outcome
Enrich and supplement the chemical principles and concepts learned in university chemistry courses to fully understand basic chemical principles.

| Title | Tags |
| --- | --- |
| Pedagogy and Teaching Chemistry | 203972, 1 |

Learning Outcome
Develop and broaden an understanding of the explanations of natural phenomena with chemistry principles to encourage student interest in the world around them.

| Title | Tags |
| --- | --- |
| Laboratory and Problem Solving Skills | 203973, 3 |

Learning Outcome
Develop and refine a variety of laboratory and problem solving strategies: dimensional analysis, microscale chemistry, Virtual ChemLab, and inquiry methods.

- CHEM 111 - Principles of Chemistry I

Additional Comments:

Note
Primarily for majors in chemical engineering and the biological sciences. Registering for a given section will automatically register you for both the lecture and the recitation.

| Title | Tags |
| --- | --- |
| Recognizing and Naming Classes | 204111, 0 |

Learning Outcome
Recognize functional group classes commonly encountered in organic chemistry and name representative molecules from each class using IUPAC rules for organic nomenclature.

| Title | Tags |
| --- | --- |
| Structure and Reactivity Prediction | 205919, 2 |

Learning Outcome
Predict structure and reactivity of alkanes, alkenes, alkynes, aromatic hydrocarbons, alcohols, ethers, epoxides, and alkylhalides based on such factors as carbon atom hybridization, bond length, bond strength, and bond polarity.

| Title | Tags |
| --- | --- |
| Curved Arrow Mechanisms | 205920, 3 |

Learning Outcome
Recognize and provide curved arrow mechanisms for the following types of organic reactions: additions, substitutions, and eliminations.

| Title | Tags |
| --- | --- |
| Energetically-Preferred Conformations | 205921, 4 |

Learning Outcome
Predict the energetically preferred conformation for straight-chain and branched alkanes, and for substituted cycloalkanes.

| Title | Tags |
| --- | --- |
| R and S Configurations/Distinguishers | 205922, 5 |

Learning Outcome

Determine R and S configurations for chiral molecules and distinguish between enantiomers, diastereomers, meso compounds, and conformational isomers.

**Title**
Mass Spectra Determining Molecule Structure

**Tags**
205923, 6

**Learning Outcome**
Interpret 1H NMR, 13C NMR, IR, UV, and mass spectra and use these data to determine the structure of organic molecules.

**Title**
Relative Energy Prediction

**Tags**
205924, 7

**Learning Outcome**
Predict the relative energies of reactive intermediates such as radicals, carbocations, and carbanions, based on structural considerations such as orbital hybridization, hyperconjugation, and resonance stabilization.

## CHEM 351M - Organic Chemistry 1 - Majors

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
351M

**Teaching Area**
CHEM

**Course Title**
Organic Chemistry 1 - Majors

**Course Description**
Fundamentals of bonding, structure, and reactions of organic compounds, including molecular geometry, polarity, conformation, isomerism, functional groups, stereochemistry, reactions and reaction mechanisms, and spectroscopy. Chem 351M provides a more in-depth treatment of the above topics than Chem 351.

**Department**
Chemistry & Biochemistry

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

## CHEM 352 - Organic Chemistry 2

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
352

**Teaching Area**
CHEM

**Course Title**
Organic Chemistry 2

**Course Description**
Emphasis on organic reactions, reaction mechanisms, synthesis, and spectroscopy building on the foundation of Chem 351, including carbonyl chemistry, and chemistry of aromatic compounds, organic acids and bases, polymers, and biomolecules.

**Department**
Chemistry & Biochemistry

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 111 - Principles of Chemistry 1

**Additional Comments:**

**Note**
For majors in chemistry and biochemistry.

| Title | Tags |
|---|---|
| Recognizing and Naming Classes | 203900, 1 |

**Learning Outcome**
Recognize functional group classes commonly encountered in organic chemistry and name representative molecules from each class using IUPAC rules for organic nomenclature.

| Title | Tags |
|---|---|
| Curved Arrow Mechanisms | 203901, 3 |

**Learning Outcome**
Recognize and provide curved arrow mechanisms for the following types of organic reactions: additions, substitutions, and eliminations.

| Title | Tags |
|---|---|
| Energetically-Preferred Conformations | 203902, 4 |

**Learning Outcome**
Predict the energetically preferred conformation for

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 351 - Organic Chemistry 1

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 357 - Industrial Organic Chemistry

**Additional Comments:**

**Note**
Primarily for majors in chemical engineering and the biological sciences.

| Title | Tags |
|---|---|
| Recognize and Predict Reactivity | 204023, 2 |

**Learning Outcome**
Recognize and predict the reactivity of the following reactive species and/or reactive intermediates: Grignard reagents, Wittig reagents, organolithiums, diorganocuprates, enols, enolates, aryl diazonium ions, and benzynes.

| Title | Tags |
|---|---|
| Recognize and Predict Structure/Reactivity | 204063, 3 |

**Learning Outcome**
Recognize and predict the structure and reactivity of the following classes of biologically important organic molecules: carbohydrates, amino acids, proteins, and lipids.

| Title | Tags |
|---|---|
| Curved Arrow Mechanisms | 204080, 1 |

preferred conformation for straight-chain and branched alkanes, and for substituted cycloalkanes.

| Title | Tags |
| --- | --- |
| Relative Energy Prediction | 203903, 7 |

**Learning Outcome**
Predict the relative energies of reactive intermediates such as radicals, carbocations, and carbanions, based on structural considerations such as orbital hybridization, hyperconjugation, and resonance stabilization.

| Title | Tags |
| --- | --- |
| Structure and Reactivity Prediction | 204008, 2 |

**Learning Outcome**
Predict structure and reactivity of alkanes, alkenes, alkynes, aromatic hydrocarbons, alcohols, ethers, epoxides, and alkylhalides based on such factors as carbon atom hybridization, bond length, bond strength, and bond polarity.

| Title | Tags |
| --- | --- |
| R and S Configurations/Distinguishers | 204055, 5 |

**Learning Outcome**
Determine R and S configurations for chiral molecules and distinguish between enantiomers, diastereomers, meso compounds, and conformational isomers.

| Title | Tags |
| --- | --- |
| Mass Spectra Determining Molecule Structure | 204082, 6 |

**Learning Outcome**
Interpret 1H NMR, 13C NMR, IR, UV, and mass spectra and use these data to determine the structure of organic molecules.

**Learning Outcome**
Recognize and provide curved arrow mechanisms for the following types of organic reactions: electrophilic & nucleophilic aromatic substitution, nucleophilic carbonyl addition, nucleophilic acyl substitution, carbonyl condensation, [4 2] cycloaddition, and substitution ato a carbonyl.

| Title | Tags |
| --- | --- |
| Predict Structure and Reactivity | 204128, 0 |

**Learning Outcome**
Predict structure and reactivity of aldehydes, ketones, carboxylic acids, esters, anhydrides, amides, b-ketocarbonyl containing compounds, amines, and phenols.

## CHEM 352M - Organic Chemistry 2 - Majors

### Course Information

## CHEM 353 - Organic Chemistry Laboratory--Nonmajors.

**Teaching Area (new)**
CHEM
**Course Number**
352M
**Teaching Area**
CHEM
**Course Title**
Organic Chemistry 2 - Majors
**Course Description**
Emphasis on organic reactions, reaction mechanisms, synthesis, and spectroscopy building on the foundation of Chem 351M, including carbonyl chemistry, the chemistry of aromatic compounds, organic acids and bases, polymers, and biomolecules. Chem 352M provides a more in-depth treatment of the above topics than Chem 352.
**Department**
Chemistry & Biochemistry
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- CHEM 351M - Organic Chemistry 1 - Majors

**Additional Comments:**

**Note**
For majors in chemistry and biochemistry.

| Title | Tags |
|---|---|
| Predict Structure and Reactivity | 203904, 1 |

**Learning Outcome**
Predict structure and reactivity of aldehydes, ketones, carboxylic acids, esters, anhydrides, amides, b-ketocarbonyl containing compounds, amines, and phenols.

## Course Information

**Teaching Area (new)**
CHEM
**Course Number**
353
**Teaching Area**
CHEM
**Course Title**
Organic Chemistry Laboratory--Nonmajors.
**Course Description**
Physical and chemical properties, isolation and purification, characterization, syntheses.
**Department**
Chemistry & Biochemistry
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1
**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- CHEM 351 - Organic Chemistry 1

Prerequisites
**Complete ALL of the following Courses:**
- CHEM 357 - Industrial Organic Chemistry

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in Chem 352 or Chem 352M strongly preferred.
**Note**
For predentistry, premedicine, and other majors who do not intend to take Chem 455.

| Title | Tags |
|---|---|
| Traditional Organic Reactions | 204042, 0 |

**Learning Outcome**

| Title | Tags |
| --- | --- |
| Recognize and Predict Reactivity | 203905, 3 |

**Learning Outcome**
Recognize and predict the reactivity of the following reactive species and/or reactive intermediates: Grignard reagents, Wittig reagents, organolithiums, diorganocuprates, enols, enolates, aryl diazonium ions, and benzynes.

| Title | Tags |
| --- | --- |
| Recognize and Predict Structure/Reactivity | 203906, 4 |

**Learning Outcome**
Recognize and predict the structure and reactivity of the following classes of biologically important organic molecules: carbohydrates, amino acids, proteins, and lipids.

| Title | Tags |
| --- | --- |
| Curved Arrow Mechanisms | 204137, 2 |

**Learning Outcome**
Recognize and provide curved arrow mechanisms for the following types of organic reactions: electrophilic & nucleophilic aromatic substitution, nucleophilic carbonyl addition, nucleophilic acyl substitution, carbonyl condensation, [4 2] cycloaddition, and substitution ato a carbonyl.

**Learning Outcome**
Perform a broad range of traditional organic reactions at the micro scale including: nucleophilic carbonyl additions, hydroboration, nucleophilic acyl substitution, electrophilic aromatic substitution, [4 2] cycloaddition, and photochemical alkene isomerization.

| Title | Tags |
| --- | --- |
| Form Conclusions | 204120, 2 |

**Learning Outcome**
Make correct conclusions about the outcome of experiments after collecting basic physical data, and after providing unambiguous interpretation of the necessary spectra.

| Title | Tags |
| --- | --- |
| Organic Chemistry Techniques | 204138, 1 |

**Learning Outcome**
Implement fundamental organic chemistry techniques for carrying out basic experiments, and purifying products, at the micro scale including: extraction, distillation, recrystalization, column chromatography, and TLC.

## CHEM 354 - Organic Chemistry Laboratory--Majors

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 354 |

**Teaching Area**
CHEM
**Course Title**
Organic Chemistry Laboratory--Majors
**Course Description**
Physical and chemical properties, manipulative skills, isolation and purification, characterization and identification, syntheses.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall, Winter, Spring

## CHEM 355 - Organic Chemistry Laboratory 2 - Nonmajors

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 355 |

**Teaching Area**
CHEM
**Course Title**
Organic Chemistry Laboratory 2 - Nonmajors
**Course Description**
Physical and chemical properties, isolation, purification, characterization, identification, and syntheses of organic compounds.
**Department**
Chemistry & Biochemistry
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 351M - Organic Chemistry 1 - Majors

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 351 - Organic Chemistry 1

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 357 - Industrial Organic Chemistry

**Additional Comments:**

**Other Prerequisites**
Chem 352 or Chem 352M or concurrent enrollment (preferred)
**Note**
For chemistry and biochemistry majors only. Biochemistry majors are only required to take 1 credit, completed in Block 1.

| Title | Tags |
|---|---|
| Traditional Organic Reactions | 203907, 1 |

**Learning Outcome**
Perform a broad range of traditional organic reactions at the micro scale including: nucleophilic carbonyl additions, hydroboration, nucleophilic acyl substitution, electrophilic aromatic substitution, [4 2] cycloaddition, and photochemical alkene isomerization.

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 353 - Organic Chemistry Laboratory--Nonmajors.

**Additional Comments:**

| Title | Tags |
|---|---|
| Traditional Organic Reactions | 204021, 0 |

**Learning Outcome**
Perform a broad range of traditional organic reactions at the micro scale including: nucleophilic carbonyl additions, hydroboration, nucleophilic acyl substitution, electrophilic aromatic substitution, [4 2] cycloaddition, and photochemical alkene isomerization.

| Title | Tags |
|---|---|
| Form Conclusions | 204027, 2 |

**Learning Outcome**
Make correct conclusions about the outcome of experiments after collecting basic physical data, and after providing unambiguous interpretation of the necessary spectra.

| Title | Tags |
|---|---|
| Organic Chemistry Techniques | 204171, 1 |

identification.

| Title | Tags |
| --- | --- |
| Organic Chemistry Techniques | 203908, 2 |

**Learning Outcome**
Implement fundamental organic chemistry techniques for carrying out basic experiments, and purifying products, at the micro scale including: extraction, distillation, recrystalization, column chromatography, and TLC.

| Title | Tags |
| --- | --- |
| Form Conclusions | 203909, 3 |

**Learning Outcome**
Make correct conclusions about the outcome of experiments after collecting basic physical data, and after providing unambiguous interpretation of the necessary spectra.

**Learning Outcome**
Implement fundamental organic chemistry techniques for carrying out basic experiments, and purifying products, at the micro scale including: extraction, distillation, recrystalization, column chromatography, and TLC.

## CHEM 357 - Industrial Organic Chemistry

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
357
**Teaching Area**
CHEM
**Course Title**
Industrial Organic Chemistry
**Course Description**
Fundamentals of organic compound bonding, shape, structure, conformations, acidity, properties, kinetics, thermodynamics, reactions, and reaction mechanisms. Emphasis on organic reactions related to industrial chemistry processes.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## CHEM 381M - Fundamentals of Biochemistry

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
381M
**Teaching Area**
CHEM
**Course Title**
Fundamentals of Biochemistry
**Course Description**
This course provides a foundation for chemistry and biochemistry majors in the fundamentals of biochemistry. Topics include: chemical and physical forces in biological systems; structure and chemistry of biomolecules; DNA/RNA polymerization, metabolism, and transcription; protein translation, structure, and modification; lipid structure and function; metabolism.
**Department**
Chemistry & Biochemistry
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** CHEM 106 - General College Chemistry 2

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 111 - Principles of Chemistry 1
  **AND** CHEM 112 - Principles of Chemistry 2

**Additional Comments:**

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 351M - Organic Chemistry 1 - Majors

**Additional Comments:**

**Recommended**
Concurrent enrollment in or completion of Chem 352M recommended. For Biochemistry majors, concurrent enrollment in Chem 384 recommended.
**Note**
For chemistry and biochemistry majors only.

## CHEM 384 - Biochemistry Methods

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHEM | 384 |

**Teaching Area**
CHEM
**Course Title**
Biochemistry Methods
**Course Description**
This course teaches basic laboratory skills and methods necessary for biochemistry research.
**Department**
Chemistry & Biochemistry
**When Taught**
Winter Term 2.

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

## CHEM 391 - Technical Writing Using Chemical Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHEM | 391 |

**Teaching Area**
CHEM
**Course Title**
Technical Writing Using Chemical Literature
**Course Description**
Intensive technical writing course based on chemical literature sources.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

### Lab Hours

Fixed
3

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 227 - Principles of Chemical Analysis

**Additional Comments:**

Other Prerequisites
Concurrent enrollment in or completion of Chem 381M.
Note
For chemistry and biochemistry majors only.

3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 227 - Principles of Chemical Analysis
  **AND** CHEM 351M - Organic Chemistry 1 - Majors

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 227 - Principles of Chemical Analysis
  **AND** CHEM 351 - Organic Chemistry 1

**Additional Comments:**

Note
Fulfills GE Advanced Writing requirement.

| Title | Tags |
|---|---|
| Communicate Results | 203910, 1 |

Learning Outcome
Communicate the results of scientific experiments in oral reports, technical graphics, and written reports.

| Title | Tags |
|---|---|
| Research Literature | 203911, 2 |

Learning Outcome
Search the chemical literature for published works relevant to a project of interest, and to read and understand technical literature related to the discipline.

| Title | Tags |
|---|---|
| Apply Classroom Knowledge in Research Laboratory | 203912, 3 |

Learning Outcome
Draw on classroom knowledge to contribute to solutions of problems encountered in a research laboratory.

| Title | Tags |
| --- | --- |
| Post-Graduate Opportunities | 203913, 4 |

**Learning Outcome**
Make informed choices among post-graduate opportunities for work or further education.

| Title | Tags |
| --- | --- |
| Ethics | 204057, 5 |

**Learning Outcome**
Understand professional and scientific ethics.

## CHEM 397R - Mentored Outreach and Service Learning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 397R |

**Teaching Area**
CHEM
**Course Title**
Mentored Outreach and Service Learning
**Course Description**
Develop or practice experiments, activities, and demonstrations for community outreach. Develop leadership and communication skills to support community engagement with chemistry and science.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

## CHEM 455 - Synthesis and Qualitative Organic Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 455 |

**Teaching Area**
CHEM
**Course Title**
Synthesis and Qualitative Organic Analysis
**Course Description**
Laboratory course emphasizing isolation, purification, and characterization of major and minor products from selected syntheses.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**

**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 111 - Principles of Chemistry 1
  **AND** CHEM 112 - Principles of Chemistry 2
  **AND** CHEM 113 - Introductory General Chemistry Laboratory

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** CHEM 106 - General College Chemistry 2
  **AND** CHEM 107 - General College Chemistry Laboratory

**Additional Comments:**

**Recommended**
Chem 353, Chem 354, MMBio 241

Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 354 - Organic Chemistry Laboratory--Majors

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 353 - Organic Chemistry Laboratory--Nonmajors.

**Additional Comments:**

**Other Prerequisites**
Chem 201 or concurrent enrollment
**Note**
For chemistry and other science majors.

| Title | Tags |
|---|---|
| Completion of Reactions | 203914, 2 |

**Learning Outcome**
Monitor and evaluate the successful completion of reactions using TLC with various solvents and modes, solvent changes and co-spot interpretation.

| Title | Tags |
|---|---|
| NMR Theory | 203915, 7 |

**Learning Outcome**
Demonstrate understanding of NMR theory including magnetic field resonance, radio frequency pulse sequences, shift, splitting, polarization transfer, signal correlation, 2D experiments including homo and heterocorrelation spectroscopy, COSY, HSQC, NOESY, and multiple bond techniques, HMBC, TOCSY

| Title | Tags |
|---|---|
| Polarimetry Theory | 203916, 9 |

**Learning Outcome**
Demonstrate understanding of polarimetry theory including plane polarized light, interaction with chiral compounds, optical rotation and determination of enantiomeric excess.

| Title | Tags |
|---|---|
| Design New Reactions to Obtain | |

| Desired Products | 204011, 1 |
|---|---|

**Learning Outcome**
Critically evaluate literature references, in particular experimental reaction details including reagents, starting materials, solvent, temperature, apparatus, stoichiometry, and scale. Adapt and modify known procedures to design and execute new reactions to obtain desired products on small and moderate scales (mg–g).

| Title | Tags |
|---|---|
| MS Theory | 204129, 8 |

**Learning Outcome**
Demonstrate understanding of MS theory including ionization techniques, EI, CI, FAB, ES, MALDI, detection techniques, fragmentation patterns of functional groups, molecular ion, base peak, isotopes, N-rule.

| Title | Tags |
|---|---|
| Basic Purification | 204141, 4 |

**Learning Outcome**
Perform basic purification operations using recrystallization, distillation, chromatography with proper choice of solvents, techniques, mode of operation, etc. based on the properties of the product compound.

| Title | Tags |
|---|---|
| Hands on Operation | 204147, 5 |

**Learning Outcome**
Evaluate purity and identification of structures using hands on operation of NMR, IR, MS, and polarimetry.

| Title | Tags |
|---|---|
| Reactions Using Appropriate Systems | 204157, 3 |

**Learning Outcome**
Work up reactions using the appropriate organic and aqueous system based on polarity and acid/base properties including drying and solvent removal operations.

| Title | Tags |
| --- | --- |
| Write Clear Lab Reports | 204165, 10 |

**Learning Outcome**
Write clear lab reports including clear experimental detail, operation, characterization, interpretation, evaluation, and conclusions.

| Title | Tags |
| --- | --- |
| Complete Peak Assignment | 204168, 6 |

**Learning Outcome**
Prepare sample, set up and obtain routine 1D 1H and 13C NMR spectra showing adequate signal locking, shimming, formatting, data processing, spectra interpretation with complete peak assignment.

## CHEM 460 - Mathematics for Physical Chemistry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 460 |

**Teaching Area**
CHEM
**Course Title**
Mathematics for Physical Chemistry
**Course Description**
Instruction in the mathematics relevant for physical chemistry, particularly in multivariable calculus, differential equations, and series expansions. Other topics, such as linear algebra, will be revisited in the context of physical chemistry. Computational software, such as Matlab, will be used to solve complex problems with numerical methods.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**

## CHEM 462 - Physical Chemistry 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 462 |

**Teaching Area**
CHEM
**Course Title**
Physical Chemistry 1
**Course Description**
Quantum mechanics, group theory, atomic and molecular structure, spectroscopy, computational methods, statistical mechanics.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MATH 113 - Calculus 2
  **AND** MATH 213 - Elementary Linear Algebra

**Additional Comments:**

**Other Prerequisites**
Should be taken prior to or concurrent with Chem 462.

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 351M - Organic Chemistry 1 - Majors
  **AND** PHSCS 220 - Introduction to Electricity and Magnetism

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 351 - Organic Chemistry 1
- PHSCS 220 - Introduction to Electricity and Magnetism

**Additional Comments:**

| Title | Tags |
|---|---|
| Wave Functions and Operators | 203957, 1 |

**Learning Outcome**
Demonstrate understanding of wave functions and operators, including solving for eigenvalues and expectation values

| Title | Tags |
|---|---|
| Interpret and Extract Information on Molecular Shape | 203958, 4 |

**Learning Outcome**
Apply quantum models of molecules to interpret spectra and extract information on molecular shape

| Title | Tags |
|---|---|
| Solve for Simple Bonding Orbitals | 203959, 6 |

**Learning Outcome**
Solve for simple bonding orbitals using valence bond, linear combinations of atomic orbitals and symmetry adapted linear combinations

| Title | Tags |
|---|---|
| Solve for the Partition Function of Molecular Systems | 203960, 7 |

**Learning Outcome**
Solve for the partition function of

molecular systems, including translational, rotational, vibrational and electronic energies

| Title | Tags |
| --- | --- |
| Characterize Molecular Properties | 204041, 5 |

**Learning Outcome**
Characterize molecular properties by solving for molecular symmetry

| Title | Tags |
| --- | --- |
| Approximation Techniques | 204075, 3 |

**Learning Outcome**
Apply approximation techniques (variation and perturbation) to relate model system to real chemical systems

| Title | Tags |
| --- | --- |
| Properties of Model Systems | 204181, 2 |

**Learning Outcome**
Solve for properties of model systems, including particle in a box, harmonic oscillator, rigid rotor, Hydrogen-like atoms

## CHEM 463 - Physical Chemistry 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 463 |

**Teaching Area**
CHEM
**Course Title**
Physical Chemistry 2
**Course Description**
Thermodynamics and equilibria, states of matter, kinetic-molecular theory, kinetics, statistical mechanics.
**Department**
Chemistry & Biochemistry
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

## CHEM 464 - Physical Chemistry Laboratory 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 464 |

**Teaching Area**
CHEM
**Course Title**
Physical Chemistry Laboratory 1
**Course Description**
Experiments in areas of physical chemistry, including quantum mechanics, spectroscopy, thermodynamics, kinetics, and statistical mechanics; computer manipulation of data; report preparation and presentation.
**Department**
Chemistry & Biochemistry
**When Taught**
Winter

### Credit Hours

**Min**
1

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 462 - Physical Chemistry 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Find Connections | 203961, 1 |

Learning Outcome
Demonstrate connections between molecular interactions and equations of state

| Title | Tags |
|---|---|
| Laws of Thermodynamics | 203962, 4 |

Learning Outcome
Apply the laws of thermodynamics to physical and chemical processes, including phase transitions, mixtures, chemical equilibrium, and electrochemical processes

| Title | Tags |
|---|---|
| Analyze and Interpret Data | 203963, 5 |

Learning Outcome
Analyze and interpret experimental data to draw conclusions about physical and chemical processes

| Title | Tags |
|---|---|
| Describe Chemical Reactions | 203995, 3 |

Learning Outcome
Describe the kinetics of chemical reactions in terms of molecular mechanisms and empirical rate laws

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CHEM 462 - Physical Chemistry 1

**Additional Comments:**

Note
May be taken before, after, or concurrent (preferred) with Chem 465.

| Title | Tags |
|---|---|
| Fit Data to Models | 203964, 2 |

Learning Outcome
Fit collected data to mathematical models and extract molecular and bulk parameters

| Title | Tags |
|---|---|
| Prepare Graphs/Tables Based on Data | 203965, 3 |

Learning Outcome
Prepare and present clear graphs and tables, showing data from experiments

| Title | Tags |
|---|---|
| Lab Reports | 203966, 4 |

Learning Outcome
Write clear lab reports in standard scientific journal format

| Title | Tags |
|---|---|
| Oral Presentations | 204017, 5 |

Learning Outcome
Prepare and give high quality oral presentations

oral presentations

| Title | Tags |
| --- | --- |
| Understand and Use Molecular Models | 204161, 2 |

**Learning Outcome**
Describe physical and chemical phenomena in terms of molecular and bulk models and understand the limitations of these models

| Title | Tags |
| --- | --- |
| Collect Data | 204177, 1 |

**Learning Outcome**
Collect quantitative data using a variety of instruments, including calorimeters and spectrometers

## CHEM 465 - Physical Chemistry Laboratory 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 465 |

**Teaching Area**
CHEM
**Course Title**
Physical Chemistry Laboratory 2
**Course Description**
Additional experiments in physical chemistry (see Chem 464 for subjects); computer manipulation of data; report preparation and presentation.
**Department**
Chemistry & Biochemistry
**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**

## CHEM 467 - Physical Chemistry for Engineers

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 467 |

**Teaching Area**
CHEM
**Course Title**
Physical Chemistry for Engineers
**Course Description**
Quantum mechanics, atomic and molecular structure, spectroscopy, computational methods, statistical mechanics, thermodynamics and equilibria, states of matter, kinetic-molecular theory, kinetics.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

- CHEM 462 - Physical Chemistry 1

**Additional Comments:**

**Note**
May be taken before, after, or concurrent (preferred) with Chem 464.

| Title | Tags |
|---|---|
| Collect Spectroscopic Data | 203967, 1 |

**Learning Outcome**
Collect quantitative spectroscopic data using a variety of instruments, including FT-IR, UV/Vis

| Title | Tags |
|---|---|
| Fit Data to Models | 203968, 2 |

**Learning Outcome**
Fit collected data to physical chemical mathematical models and extract molecular parameters

| Title | Tags |
|---|---|
| Experiment with Molecules | 203969, 3 |

**Learning Outcome**
Perform molecular computations on the molecules in laboratory experiments

| Title | Tags |
|---|---|
| Lab Reports | 203970, 5 |

**Learning Outcome**
Write clear lab reports in standard scientific journal format

| Title | Tags |
|---|---|
| Prepare Graphs/Tables Based on Data | 204109, 4 |

**Learning Outcome**
Prepare and present clear graphs and tables, showing data from experiments

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 302 - Mathematics for Engineering 1
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

Prerequisites

**Complete ALL of the following Courses:**
- MATH 314 - Calculus of Several Variables
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

**Additional Comments:**

**Other Prerequisites**
Chem 357 or Chem 351 should be taken prior to or concurrent with this course.

**Recommended**
Ch En 263

**Note**
For chemical engineering majors and other interested students in fields of engineering and physical science.

| Title | Tags |
|---|---|
| Fundamentals | 204000, 0 |

**Learning Outcome**
understand the fundamentals of classical thermodynamics, quantum mechanics, reaction kinetics, and statistical mechanics, including foundational principles, key mathematical relationships and derivations, at a deeper, more rigorous level than Chem 111H and 112.

| Title | Tags |
|---|---|
| Relate | 204077, 1 |

**Learning Outcome**
be able to relate atomic/molecular properties and interactions to bulk properties and vice versa.

| Title | Tags |
|---|---|
| Analyze | 204083, 5 |

**Learning Outcome**
be able to analyze and interpret experimental data to draw conclusions about chemical processes from a wide range of disciplines, including chemistry, biology, engineering and geology.

| Title | Tags |
|---|---|
| Interpret | 204094, 2 |

Learning Outcome
be able to interpret atomic and molecular spectra in terms of quantum mechanical models.

| Title | Tags |
| --- | --- |
| Develop and Use | 204101, 6 |

Learning Outcome
be able to develop and use models, both conceptual and mathematical, of physical and chemical phenomena and understand the limitations of these models.

| Title | Tags |
| --- | --- |
| Apply | 204163, 4 |

Learning Outcome
be able to apply the laws of thermodynamics to physical and chemical processes.

| Title | Tags |
| --- | --- |
| Describe | 204176, 3 |

Learning Outcome
be able to describe the kinetics of chemical reactions in terms of molecular mechanisms and empirical rate laws.

## CHEM 468 - Biophysical Chemistry

### Course Information

Teaching Area (new)
CHEM
Course Number
468
Teaching Area
CHEM
Course Title
Biophysical Chemistry
Course Description
Applications of physical chemistry to biological systems. Spectroscopic applications, computational methods, structural biochemistry, thermodynamics, equilibria, statistical mechanics, transport properties, kinetics, quantum mechanics.
Department
Chemistry & Biochemistry
When Taught
Winter

### Credit Hours

Min
3

## CHEM 477R - Secondary Minor Student Teaching

### Course Information

Teaching Area (new)
CHEM
Course Number
477R
Teaching Area
CHEM
Course Title
Secondary Minor Student Teaching
Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.
Department
Chemistry & Biochemistry
When Taught
Fall, Winter, Spring

### Credit Hours

Min
4

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 481 - Biochemistry.
  **AND** PHSCS 220 - Introduction to Electricity and Magnetism

Prerequisites

**Complete ALL of the following Courses:**

- PHSCS 220 - Introduction to Electricity and Magnetism
  **AND** CHEM 381M - Fundamentals of Biochemistry

**Additional Comments:**

**Note**
For biochemistry (BS) majors and those interested in the health professions or biochemistry.

**Title**
Fundamental Concepts in Four Principal Areas

**Tags**
203917, 1

**Learning Outcome**
Describe conceptually the fundamental concepts in the four principal areas of physical chemistry: classical thermodynamics, statistical thermodynamics kinetics and quantum mechanics

**Title**
Define and Manipulate Concepts Mathematically

**Tags**
203918, 2

**Learning Outcome**
Define mathematically the concepts outlined in 1) and manipulate the fundamental and derived equations associated

**Fixed**
4

## Lecture Hours

**Fixed**
0

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Sc Ed 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

with these concepts

**Title**
Use Skills to Calculate or Predict Conditions

**Tags**
203919, 3

**Learning Outcome**
Use the above skills to calculate or predict the equilibrium conditions or direction of spontaneous biochemical processes that are involved in metabolism or energy transfer events given appropriate thermodynamic data and initial system conditions

**Title**
Mathematical and Graphical Techniques

**Tags**
203920, 4

**Learning Outcome**
Employ mathematical and graphical techniques on enzyme kinetic data to extract key parameters and to identify inhibition mechanisms

**Title**
Solve Schroedinger Equation Problems

**Tags**
203921, 5

**Learning Outcome**
Solve simple Schroedinger equation problems (e.g., particle in a box), identify boundary conditions, and explain the significance of boundary conditions on the observance of quantized effects

**Title**
Predictions of Behavior

**Tags**
203922, 6

**Learning Outcome**
Relate the simple Hamiltonians from above to biological molecules and systems and generalize from the simple results to make predictions regarding behavior in the biological systems

**Title**
Nature of Electronic Energy Levels

**Tags**
203923, 7

**Learning Outcome**
Identify the nature of electronic

identify the nature of electronic energy levels in key photoactive biological molecules and use spectroscopic data to probe these levels

**Title**
Apply Concepts to Photosynthesis and Vision

**Tags**
203924, 8

**Learning Outcome**
Apply fundamental concepts of electronic structure and reaction kinetics to the steps in photosynthesis and vision

**Title**
Physical Chemistry Perspectives Lead to Deeper Understanding

**Tags**
203925, 9

**Learning Outcome**
Provide examples in which physical chemistry perspectives have enabled a deeper more complete understanding of the structure and function of biological molecules and complex biological systems

## CHEM 481 - Biochemistry.

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
481

**Teaching Area**
CHEM

**Course Title**
Biochemistry.

**Course Description**
First-semester biochemistry. Molecular components of cells, chemical structure and function, enzymes, metabolic transformations, photosynthesis.

**Department**
Chemistry & Biochemistry

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## CHEM 482 - Mechanisms of Molecular Biology

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
482

**Teaching Area**
CHEM

**Course Title**
Mechanisms of Molecular Biology

**Course Description**
Second-semester biochemistry. Nucleic acid biochemistry and molecular biology: nucleotide metabolism, chromosome and chromatin structure, DNA structure and replication, RNA transcription and gene expression, protein synthesis and regulation, eukaryotic gene systems, signal transduction.

**Department**
Chemistry & Biochemistry

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 352 - Organic Chemistry 2

**Additional Comments:**

**Other Prerequisites**
Completion of CELL 120 or BIO 130 or MMBIO 121.
**Note**
For chemistry majors and students in biological sciences who contemplate pursuing advanced degrees, including medicine.

| Title | Tags |
|---|---|
| Interpret and Critique Experimental Data | 204010, 20 |

**Learning Outcome**
Interpret and critique experimental data relating to biochemical models

| Title | Tags |
|---|---|
| Explain How Structure Determines Biological Function | 204028, 14 |

**Learning Outcome**
Explain how the structure of biomolecules such as proteins, nucleic acids, lipids, and carbohydrates determines their biological function

| Title | Tags |
|---|---|
| Mastery of Key Concepts | 204034, 13 |

**Learning Outcome**
Demonstrate mastery of key concepts in the Biochemistry subdiscipline and articulate the relationships between chemistry and biology. This outcome is elaborated in outcomes 2-5 below

| Title | Tags |
|---|---|
| Understanding Reactivity in Metabolic Pathways | 204040, 17 |

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete at least 1 of the following courses:**
- CHEM 381M - Fundamentals of Biochemistry
  **OR** CHEM 481 - Biochemistry.

**Additional Comments:**

| Title | Tags |
|---|---|
| Maintain | 204014, 9 |

**Learning Outcome**
Maintain faith through challenges and ethical boundaries in reporting and interpreting data.

| Title | Tags |
|---|---|
| Design | 204018, 2 |

**Learning Outcome**
Design a DNA cloning strategy, explain controls necessary, and write procedural plan.

| Title | Tags |
|---|---|
| Determine | 204029, 1 |

**Learning Outcome**
Determine how to perform and interpret an electrophoresis separation of DNA fragments, southern blot, restriction map, polymerase chain reaction, and a DNA sequencing reaction with necessary controls.

| Title | Tags |
|---|---|
| Interacts | 204072, 8 |

**Learning Outcome**
Determine with what a protein interacts: Interpret gel shift

Learning Outcome
Push arrows to predict and understand reactivity in metabolic pathways

| Title | Tags |
| --- | --- |
| Communicate in Writing | 204043, 18 |

Learning Outcome
Communicate scientific ideas clearly to other specialists in writing

| Title | Tags |
| --- | --- |
| Energy from Metabolic Reaction | 204166, 16 |

Learning Outcome
Understand how energy is generated from metabolic reaction pathways

| Title | Tags |
| --- | --- |
| Research | 204186, 19 |

Learning Outcome
Identify and understand primary research articles relevant to a specific biochemical question of current interest

| Title | Tags |
| --- | --- |
| Enzymes Catalyze Reactions | 204190, 15 |

Learning Outcome
Describe how enzymes catalyze reactions in terms of thermodynamics, kinetics, and mechanistic strategies

assays, Chromatin Immunoprecipitation, DNA footprinting, and yeast two hybrid reporter assays.

| Title | Tags |
| --- | --- |
| Techniques | 204087, 4 |

Learning Outcome
Determine when and how to use techniques that involve RNA: Northern blots, quantitative PCR, microarrays, S1 nuclease and primer extension mapping of the transcriptional start with appropriate controls.

| Title | Tags |
| --- | --- |
| Interpret | 204103, 7 |

Learning Outcome
Determine where a protein is localized in a tissue or cell: interpret a western blot, protein fusion assays.

| Title | Tags |
| --- | --- |
| Mechanism | 204106, 3 |

Learning Outcome
Draw and explain the mechanism of RNA transcription and how RNA is processed, spliced, and regulated. Understand the basic mechanisms of transcriptional regulation using the example of transcription of genes necessary for cholesterol synthesis.

| Title | Tags |
| --- | --- |
| Draw and Explain | 204108, 0 |

Learning Outcome
Draw the structure of DNA, determine the topology of a plasmid, explain the chemical sequence of events that occur during DNA replication and draw structural changes that occur due to mutation.

| Title | Tags |
| --- | --- |
| Sequence | 204135, 5 |

Learning Outcome
Determine the sequence of amino acids in a protein from a series of nucleotides.

| Title | Tags |
| --- | --- |
| Process | 204185, 6 |

**Learning Outcome**
Draw and explain the process of protein translation and how it is regulated.

## CHEM 489 - Structural Biochemistry

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
489
**Teaching Area**
CHEM
**Course Title**
Structural Biochemistry
**Course Description**
Molecular structures of proteins, RNA and DNA as determinants of biological function. Topics include thermodynamics of folding and binding, structural determination, spectroscopy, modeling, protein recognition.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- CHEM 468 - Biophysical Chemistry

## CHEM 495 - Senior Seminar

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
495
**Teaching Area**
CHEM
**Course Title**
Senior Seminar
**Course Description**
Research topics presented by faculty and visiting scientists. Completion of undergraduate portfolio.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- CHEM 594R - General Seminar

**Additional Comments:**

**Additional Comments:**

**Title**
Relate Structure to Biological Function

**Tags**
203928, 2

**Learning Outcome**
Relate the structure of a macromolecule to its biological function

**Title**
Structural Information for Biological Macromolecules

**Tags**
203929, 3

**Learning Outcome**
Describe how X-ray crystallography, nuclear magnetic resonance, cryogenic electron microscopy, and circular dichroism techniques give structural information for biological macromolecules

**Title**
Communicate Orally and In Writing

**Tags**
203930, 4

**Learning Outcome**
Communicate scientific ideas (e.g. structure-function relationships) clearly and concisely to others orally and in writing, and use ethical standards in oral and written presentations

**Title**
Work With Peers

**Tags**
203931, 5

**Learning Outcome**
Work with peers to answer scientific questions

**Title**
Motifs and Symmetries in Macromolecular Structures

**Tags**
204067, 1

**Learning Outcome**
Identify motifs and symmetries in macromolecular structures and chemical interactions that maintain structural integrity

**Note**
Required of all seniors in all chemistry and biochemistry degree programs the last semester in residence. Note: Check the seminar schedule at chem.byu.edu for current schedule and updates. Attendance at a minimum of 10 seminars is required.

**Title**
Become Familiar With Current Research

**Tags**
203932, 1

**Learning Outcome**
Become familiar with a variety of current research areas by listening to numerous visiting researchers describe their recent research results.

**Title**
Prepare for Seminar Presentations

**Tags**
203933, 2

**Learning Outcome**
Prepare for seminar presentations by reading literature articles written by visiting speakers before attending the presentation.

**Title**
Write Summaries of Research Papers

**Tags**
203934, 3

**Learning Outcome**
Improve science-writing skills by writing summaries of research papers.

**Title**
Reflect on BYU Education

**Tags**
203935, 5

**Learning Outcome**
Reflect on your BYU education and evaluate how it helps you achieve your goals.

**Title**
Notes in Presentations

**Tags**
204047, 4

**Learning Outcome**
Take notes in presentations attended to record thoughts and ideas for future reference.

## CHEM 496R - Academic Internship: Chemistry and Biochemistry

## CHEM 497R - Mentored Learning in Chemistry/Biochemistry

## Chemistry and Biochemistry

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
496R

**Teaching Area**
CHEM

**Course Title**
Academic Internship: Chemistry and Biochemistry

**Course Description**
Research experience in an industrial, academic, or government laboratory in collaboration with a BYU faculty colleague/supervisor.

**Department**
Chemistry & Biochemistry

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
6

**Other Prerequisites**
Instructor's consent; Chem 201 or concurrent enrollment or special safety training

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Internship | 204079, 0 |

**Learning Outcome**
The student will carry out a successfull internship connecting classroom principles to real-world applications.

| Title | Tags |
|---|---|
| Internship report | 204125, 1 |

**Learning Outcome**
The students will provide a written report or oral presentation explaining the technical work performec in the internship and its connection to the chemistry curriculum.

## Chemistry/Biochemistry

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
497R

**Teaching Area**
CHEM

**Course Title**
Mentored Learning in Chemistry/Biochemistry

**Course Description**
Undergraduate research experience under the direction of a faculty mentor.

**Department**
Chemistry & Biochemistry

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

**Other Prerequisites**
Instructor's consent, and Chem 201 or concurrent enrollment or special safety training

**Recommended**
CHEM 297R; CHEM 297R

| Title | Tags |
|---|---|
| Mentored research | 204033, 0 |

**Learning Outcome**
The student will participate in mentored research with a specific research group under the tutelage of a faculty member, and generate original scientific results.

| Title | Tags |
|---|---|
| 497R | 204258, 1 |

**Learning Outcome**
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

| Title | Tags |
|---|---|
| 497R-Analyt | 204259, 1 |

**Learning Outcome**
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

| Title | Tags |
| --- | --- |
| 497R-biochem | 204260, 1 |

**Learning Outcome**
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

| Title | Tags |
| --- | --- |
| 497R-chemEd | 204261, 1 |

**Learning Outcome**
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

| Title | Tags |
| --- | --- |
| 497R-inorg | 204262, 1 |

**Learning Outcome**
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

| Title | Tags |
| --- | --- |
| 497R-organic | 204263, 1 |

**Learning Outcome**
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

| Title | Tags |
| --- | --- |
| 497R-Physical | 204264, 1 |

**Learning Outcome**
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

## CHEM 498R - Capstone Experience in Chemistry/Biochemistry

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
498R

**Teaching Area**
CHEM

**Course Title**
Capstone Experience in Chemistry/Biochemistry

**Course Description**
Capstone undergraduate research experience. A maximum of 6 credits can be taken across multiple semesters/terms. Only 3 credits can count towards elective requirements for a chemistry/biochemistry degree.

**Department**
Chemistry & Biochemistry

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
4

**Other Prerequisites**
Instructor's consent, and Chem 201 or concurrent enrollment or special safety training

**Recommended**
CHEM 497R; CHEM 497R

## CHEM 500 - (Chem-C S-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
500

**Teaching Area**
CHEM

**Course Title**
(Chem-C S-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

**Course Description**
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.

**Department**
Chemistry & Biochemistry

**When Taught**
Winter

#### Credit Hours

**Min**
1.5

**Fixed**
1.5

#### Lecture Hours

**Fixed**
1.5

#### Lab Hours

**Fixed**
0

## CHEM 502 - Job Search Strategies

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
502

**Teaching Area**
CHEM

**Course Title**
Job Search Strategies

**Course Description**
Course will assist graduating students in identifying and connecting to potential employers.

**Department**
Chemistry & Biochemistry

**When Taught**
Fall and Winter

## CHEM 514 - Inorganic Chemistry

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
514

**Teaching Area**
CHEM

**Course Title**
Inorganic Chemistry

**Course Description**
In-depth treatment of theoretical concepts in inorganic chemistry and solid state, organmetallic, and bioinorganic chemistry.

**Department**
Chemistry & Biochemistry

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Completion of Chem 462 or concurrent enrollment in Chem 462. \nCompletion of Chem 467 or Chem 468 is also satisfactory

| Title | Tags |
| --- | --- |
| Describe Atoms and Molecules | 203936, 1 |

**Learning Outcome**
Students will be able to describe atoms and molecules.

| Title | Tags |
| --- | --- |
| Describe Physical and Electronic Properties of Inorganic Com | 204211, 2 |

**Learning Outcome**
Students will be able to describe the physical and electronic properties of inorganic compounds such as metals, ionic solids, coordination compounds and nanomaterials.

| Title | Tags |
| --- | --- |
| Assign Point Groups and Deduce Symmetries | 204212, 3 |

**Learning Outcome**
Students will be able to assign point groups and deduce the symmetries of atomic orbitals, molecular orbitals, and molecular vibrations.

| Title | Tags |
| --- | --- |
| Draw and Name Coordination Compounds | 204213, 4 |

**Learning Outcome**
Students will be able to draw and

name coordination compounds.

| Title | Tags |
| --- | --- |
| Write and Orally Present Element Report | 204214, 7 |

**Learning Outcome**
Students will be able to write and orally present a report on an element or family of elements.

| Title | Tags |
| --- | --- |
| Describe Metalloproteins | 204215, 6 |

**Learning Outcome**
Students will be able to describe several metalloproteins.

| Title | Tags |
| --- | --- |
| Identify Compounds, Reactions, and Mechanisms | 204216, 5 |

**Learning Outcome**
Students will be able to identify stable organometallic compounds, common organometallic reactions, and catalytic mechanisms.

## CHEM 518 - Advanced Inorganic Laboratory

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
518
**Teaching Area**
CHEM
**Course Title**
Advanced Inorganic Laboratory
**Course Description**
Synthesis, characterization, and properties of materials; coordination and organometallic compounds.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

## CHEM 521 - Instrumental Analysis Lecture

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
521
**Teaching Area**
CHEM
**Course Title**
Instrumental Analysis Lecture
**Course Description**
Modern instrumental methods and basic principles of instrumentation.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

Fixed
0

## Lab Hours

Fixed
6

Other Prerequisites
Chem 514 or concurrent enrollment.
Chem 201 or 601 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Safely Handle Lab Equipment | 204006, 1 |

Learning Outcome
Students will be able to safely and with proficiency handle solvents, chemicals, glassware, and instruments.

| Title | Tags |
| --- | --- |
| Use Solid-State Techniques to Synthesize Compounds | 204013, 2 |

Learning Outcome
Students will be able to use solid-state techniques to synthesize compounds and characterize the compounds they synthesize.

| Title | Tags |
| --- | --- |
| Complete Lab Experiments Independently and in Small Grops | 204107, 5 |

Learning Outcome
Students will be able to work independently and in small groups to complete laboratory experiments.

| Title | Tags |
| --- | --- |
| Synthesize, Isolate, Characterize and Explain Properties | 204113, 3 |

Learning Outcome
Students will be able to synthesize, isolate, characterize and explain the properties of main group, coordination, organometallic, and bioinorganic compounds.

| Title | Tags |
| --- | --- |
| Write Scientific Lab Reports | 204150, 4 |

Learning Outcome
Students will be able to write

Fixed
2

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 462 - Physical Chemistry 1
  **AND** PHSCS 220 - Introduction to Electricity and Magnetism

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 467 - Physical Chemistry for Engineers
  **AND** PHSCS 220 - Introduction to Electricity and Magnetism

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 468 - Biophysical Chemistry
  **AND** PHSCS 220 - Introduction to Electricity and Magnetism

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Role of Main Components | 204201, 1 |

Learning Outcome
Students will, with the aid of user manuals, be able to effectively operate optical spectrometers, mass spectrometers, and chromatographs based on a fundamental understanding of the components that make up those instruments.

| Title | Tags |
| --- | --- |
| Method Development | 204202, 2 |

Learning Outcome
Students will be able to develop an effective method for the analysis of a sample, with appropriate consideration of sample type, instrument selection based on well-defined figures of merit, validation with appropriate standards, quality control, and statistical analysis in

Students will be able to write scientific lab reports.

reporting of uncertainties.

| Title | Tags |
| --- | --- |
| Interpretation of Results | 204203, 3 |

**Learning Outcome**
Students will gain textbook experience in the interpretation of optical, chromatographic, and mass spectrometric measurement in anticipation of hands-on experience with the techniques in Chemistry 523.

| Title | Tags |
| --- | --- |
| Electronic Measurement Principles | 204204, 4 |

**Learning Outcome**
Students will understand the concepts of input impedance, output impedance, impedance matching, and A/D conversion, and will be able to apply that understanding to the proper connection of a signal source with an electronic measuring device.

| Title | Tags |
| --- | --- |
| Signals and Noise | 204205, 5 |

**Learning Outcome**
Students will understand the origins of noise in analytical measurements and will be able to apply that understaning in a variety of signal processing techniques that optimize signal-to-noise ratios and improve analytical performance of instrumental methods.

## CHEM 523 - Instrumental Analysis Laboratory

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
523
**Teaching Area**
CHEM
**Course Title**
Instrumental Analysis Laboratory
**Course Description**
Continuation of Chem 521. Laboratory experience with modern analytical instrumentation.
**Department**

## CHEM 552 - Advanced Organic Chemistry

### Course Information

**Teaching Area (new)**
CHEM
**Course Number**
552
**Teaching Area**
CHEM
**Course Title**
Advanced Organic Chemistry
**Course Description**
Physical aspects of organic chemistry; mechanisms, reaction intermediates, bonding, stereochemical and stereoelectronic effects, molecular orbital theory, Lewis acidity and basicity.
**Department**

Department
Chemistry & Biochemistry
When Taught
Winter

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
6

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- CHEM 521 - Instrumental Analysis Lecture

Additional Comments:

Other Prerequisites
Chem 201 or 601 or concurrent enrollment

| Title | Tags |
|---|---|
| Accurate Chemical Analyses | 204217, 1 |

Learning Outcome
Make accurate chemical analyses using a variety of instrumental techniques.

| Title | Tags |
|---|---|
| Identify and Resolve Problems | 204218, 8 |

Learning Outcome
Identify and resolve problems when they arise in analyses.

| Title | Tags |
|---|---|
| Identify Appropriate Instrumental Methods | 204219, 7 |

Learning Outcome
Identify appropriate instrumental methods for given chemical analysis problems.

Chemistry & Biochemistry
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- CHEM 352M - Organic Chemistry 2 - Majors

Prerequisites

Complete ALL of the following Courses:
- CHEM 352 - Organic Chemistry 2

Additional Comments:

Other Prerequisites
Chem 462 and 463 (or Chem 468).

| Title | Tags |
|---|---|
| Outcome 4 | 204035, 3 |

Learning Outcome
Predict reaction mechanisms of major classes of organic reactions, including substitutions, eliminations, additions and radical reactions.

| Title | Tags |
|---|---|
| Outcome 5 | 204081, 4 |

Learning Outcome
Recognize the impact of non-covalent interactions in complex

taking into account such factors as sample type, interferences, sensitivity, and selectivity.

| Title | Tags |
| --- | --- |
| Variables Affect on Outcome | 204220, 6 |

**Learning Outcome**
Discuss how experimental variables affect the outcome of a measurement.

| Title | Tags |
| --- | --- |
| Explain Observations | 204221, 5 |

**Learning Outcome**
Explain observations made during the course of an experiment.

| Title | Tags |
| --- | --- |
| Apply Instrumental Analysis to Their Own Design | 204222, 4 |

**Learning Outcome**
Apply what they have learned about instrumental analysis to carry out a new procedure of their own design.

| Title | Tags |
| --- | --- |
| Organize Data in Graph and Tabular Formats | 204223, 3 |

**Learning Outcome**
Present data in graph and/or tabular formats effectively.

| Title | Tags |
| --- | --- |
| Communicate Clearly in Writing | 204224, 2 |

**Learning Outcome**
Describe their findings clearly and concisely in writing, including interpretation of results and statistical analysis.

systems and reaction mechanisms.

| Title | Tags |
| --- | --- |
| Outcome 2 | 204123, 1 |

**Learning Outcome**
Perform calculations using ab initio, semi-empirical, density functional, and molecular mechanics approaches to predict energies and structures of ground and transition states.

| Title | Tags |
| --- | --- |
| Outcome 3 | 204127, 2 |

**Learning Outcome**
Use reaction kinetics, linear free energy relationships, isotope labeling, stereo-electronic effects and stereochemical outcomes to determine reaction mechanisms.

| Title | Tags |
| --- | --- |
| Outcome 1 | 204179, 0 |

**Learning Outcome**
Predict relative energies and locations of frontier molecular orbitals for organic molecules of intermediate complexity using linear combinations of atomic orbitals and hybridized orbital approaches.

## CHEM 553 - Advanced Organic Chemistry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 553 |

**Teaching Area**
CHEM

## CHEM 555 - Organic Spectroscopic Identification

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 555 |

**Course Title**
Advanced Organic Chemistry
**Course Description**
Synthetic aspects of organic chemistry; oxidations, reductions, concerted reactions, stereoselectivity, synthetic equivalents, protecting groups. Examples of natural product total synthesis.
**Department**
Chemistry & Biochemistry
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 352 - Organic Chemistry 2

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 352M - Organic Chemistry 2 - Majors

**Additional Comments:**

| Title | Tags |
|---|---|
| Outcome 2 | 204048, 1 |

**Learning Outcome**
Apply protecting group strategies in feasible routes to complex natural products and/or other organic molecules of biological or theoretical interest.

| Title | Tags |
|---|---|

**Teaching Area**
CHEM
**Course Title**
Organic Spectroscopic Identification
**Course Description**
Theory and practice of spectrometric methods of identifying organic compounds, including infrared, ultraviolet nuclear magnetic resonance, and mass spectrometries.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Students who have completed Chem 455 are not eligible to enroll in Chem 555.

| Title | Tags |
|---|---|
| Outcome 2 | 203997, 1 |

**Learning Outcome**
Students will receive training on the open-access research instruments used for spectrometric analysis. This includes the IR, UV, MS, NMR spectrometers and the polarimeter, with an emphasis on 1D and 2D NMR methods.

| Title | Tags |
|---|---|
| Outcome 1 | 204024, 0 |

**Learning Outcome**
Students will develop problem-solving skills by identifying the molecular structure of organic compounds using multiple spectrometric techniques including IR, UV, MS, and NMR (both 1D and 2D spectra).

| Outcome 5 | 204126, 4 |
|---|---|

**Learning Outcome**
Predict reaction mechanisms for the reaction types listed in outcomes 3 and 4.

| Title | Tags |
|---|---|
| Outcome 3 | 204132, 2 |

**Learning Outcome**
Recognize and be able to apply standard methods for carbon-carbon bond forming reactions including: alkylation of nucleophilic carbon; reactions of carbanions with carbonyl groups; reactions involving transition metals; reactions of compounds of boron, silicon, and tin; and cycloadditions.

| Title | Tags |
|---|---|
| Outcome 4 | 204134, 3 |

**Learning Outcome**
Recognize and be able to apply standard methods for carrying out the following types of synthetic transformations: reductions of carbonyls and other functional groups, oxidations, electrophilic additions, aromatic substitution reactions.

| Title | Tags |
|---|---|
| Outcome 1 | 204196, 0 |

**Learning Outcome**
Formulate a retrosynthetic analysis and propose a total synthesis route for a previously un-synthesized complex natural product.

| Title | Tags |
|---|---|
| Outcome 3 | 204098, 2 |

**Learning Outcome**
Students will complete an unknown identification project that gives them practice preparing their own samples, operating the instruments to acquire their own spectra and interpreting this data to identify their unknowns.

## CHEM 561 - Chemical Thermodynamics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHEM | 561 |

**Teaching Area**
CHEM
**Course Title**
Chemical Thermodynamics
**Course Description**
Development of the principles of chemical thermodynamics, including laws, pure materials, mixtures, equilibria, and elementary statistical

## CHEM 563 - Reaction Kinetics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHEM | 563 |

**Teaching Area**
CHEM
**Course Title**
Reaction Kinetics
**Course Description**
Theoretical aspects of chemical kinetics in the gas phase and in solution. Rates and mechanisms in solution, rapid reactions, and other

mechanics.

**Department**
Chemistry & Biochemistry
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 462 - Physical Chemistry 1
  **AND** CHEM 463 - Physical Chemistry 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Chem 561 - Thermodynamics | 204233, 1 |

**Learning Outcome**
Students will demonstrate knowledge in chemical thermodynamics.

topics.

**Department**
Chemistry & Biochemistry
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 462 - Physical Chemistry 1
  **AND** CHEM 463 - Physical Chemistry 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Outcome 3 | 204015, 2 |

**Learning Outcome**
Interpret the results of experiments that measure dynamic processes, such as cross-molecular beam experiments.

| Title | Tags |
|---|---|
| Outcome 1 | 204022, 0 |

**Learning Outcome**
Solve simple and complex (coupled or sequential) kin etic expressions to obtain rate constants, reaction lifetimes, and activation energies, for gas, liquid, surface, and catalyzed reactions.

| Title | Tags |
|---|---|

| Outcome 2 | 204044, 1 |
|---|---|

**Learning Outcome**
Use statistical reaction theories, including transition state theory and RRKM, to both predict and interpret chemical reaction rates.

| Title | Tags |
|---|---|
| Outcome 4 | 204155, 3 |

**Learning Outcome**
Use the concepts of detailed balance and microscopic reversibility to connect the results of experiments that measure dynamic processes to experiments that obtain kinetic results.

| Title | Tags |
|---|---|
| Outcome 5 | 204159, 4 |

**Learning Outcome**
Calculate the potential energy surface (PES) for a simple chemical reaction, explain the relationship between the PES and the outcomes of a chemical reaction including how different types of energy influence the reaction given the PES.

## CHEM 565 - Introduction to Quantum Chemistry

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHEM | 565 |

**Teaching Area**
CHEM
**Course Title**
Introduction to Quantum Chemistry
**Course Description**
Introduction to physical and mathematical aspects of quantum theory, emphasizing application of the Schrodinger wave equation to chemical systems.
**Department**
Chemistry & Biochemistry
**When Taught**
Winter

### Credit Hours

**Min**
3

## CHEM 567 - Statistical Mechanics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHEM | 567 |

**Teaching Area**
CHEM
**Course Title**
Statistical Mechanics
**Course Description**
Introduction to classical and quantum statistical mechanics, including Boltzmann, Fermi-Dirac, and Bose-Einstein statistics. Applications of statistical thermodynamics to gases, liquids, and solids.
**Department**
Chemistry & Biochemistry
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 462 - Physical Chemistry 1

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 467 - Physical Chemistry for Engineers

**Additional Comments:**

| Title | Tags |
|---|---|
| Outcome 1 | 203937, 1 |

Learning Outcome
Write and solve the Schrödinger equation in 1, 2 or 3 dimensions for 1, 2, or N particles for typical model problems and describe the meaning and significance of the solutions.

| Title | Tags |
|---|---|
| Outcome 2 | 203938, 2 |

Learning Outcome
Interpret the wavefunctions in #1 by calculating probability in a region, expectation values and matrix elements of Hermitian operators corresponding to physical observables.

| Title | Tags |
|---|---|
| Outcome 3 | 203939, 3 |

Learning Outcome

3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 462 - Physical Chemistry 1
  **AND** CHEM 463 - Physical Chemistry 2

**Additional Comments:**

Recommended
Chem 565

| Title | Tags |
|---|---|
| Outcome 13 | 204026, 12 |

Learning Outcome
Obtain the radial distribution from the probability function for a system, from Monte Carlo calculations or molecular dynamics trajectories and evaluate system properties from the radial distribution function.

| Title | Tags |
|---|---|
| Outcome 2 | 204039, 1 |

Learning Outcome
Use combinatorics to define probabilities in simple systems.

| Title | Tags |
|---|---|
| Outcome 14 | 204046, 13 |

Learning Outcome
Use Monte Carlo and transfer matrix methods to study a system of interacting spins as a model of phase transitions.

| Title | Tags |
|---|---|
| Outcome 11 | 204059, 10 |

Learning Outcome

Use as necessary to solve problems: commutators of operators, basis set expansions, perturbation theory (degenerate and nondegenerate) and the variational principle.

Title
Outcome 4

Tags
203940, 4

Learning Outcome
Describe how the Hartree-Fock SCF method works and use Slater determinants of spin and spatial eigenfunctions to build anti-symmetric atomic wavefunctions

Learning Outcome
Use the Metropolis Monte Carlo method to calculate statistical averages for a system. Know how to choose an efficient sampling method.

Title
Outcome 8

Tags
204064, 7

Learning Outcome
Explain the meaning, significance and range of applicability of these fundamentals: ergodic hypothesis, equipartition theorem, and Bose-Einstein condensation.

Title
Outcome 10

Tags
204076, 9

Learning Outcome
Apply statistical mechanical principles to simple crystals, blackbody radiation and imperfect gases.

Title
Outcome 9

Tags
204124, 8

Learning Outcome
Use statistical mechanical principles to describe chemical equilibrium constants.

Title
Outcome 6

Tags
204154, 5

Learning Outcome
Use proper statistics for classical particles and for quantum particles (bosons or fermions).

Title
Outcome 1

Tags
204164, 0

Learning Outcome
Use probability density functions to describe a system, and recognize simple probability functions and their properties including Gaussian (normal), binomial (or multinomial), and Poisson distributions.

Title

Tags

| Title | Tags |
| --- | --- |
| Outcome 5 | 204169, 4 |

**Learning Outcome**
Calculate the size of fluctuations of system properties and relate them to the number of particles in a system.

| Title | Tags |
| --- | --- |
| Outcome 3 | 204189, 2 |

**Learning Outcome**
Describe how to choose a Gibbsian ensemble for calculation of system properties. Be able to recognize when the following ensembles are appropriate: microcanonical (N,V,E), canonical (N,V,T), grand canonical (V,T,m), isobaric-isothermal (N,T,P). Know how to construct the partition function in each case.

| Title | Tags |
| --- | --- |
| Outcome 4 | 204192, 3 |

**Learning Outcome**
Calculate average system quantities and thermodynamic variables using the appropriate partition function.

| Title | Tags |
| --- | --- |
| Outcome 12 | 204197, 11 |

**Learning Outcome**
Show how to use molecular dynamics to calculate statistical averages for a molecular system. Know when molecular dynamics is more appropriate than Monte Carlo methods. Know the advantages and disadvantages of common trajectory propagation algorithms.

| Title | Tags |
| --- | --- |
| Outcome 7 | 204225, 6 |

**Learning Outcome**
Calculate canonical partition functions for translation, rotation, and harmonic vibration. Use them for applications and know when they don't apply.

## CHEM 569 - Fundamentals of Spectroscopy

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
569

**Teaching Area**
CHEM

**Course Title**
Fundamentals of Spectroscopy

**Course Description**
Atomic and molecular spectroscopy and application of group theoretical concepts. Types of experiments and interpretation of data.

**Department**
Chemistry & Biochemistry

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Completion Requirement

**Complete ANY of the following Courses:**

- CHEM 462 - Physical Chemistry 1
  **OR** CHEM 467 - Physical Chemistry for Engineers
  **OR** CHEM 468 - Biophysical Chemistry

**Additional Comments:**

| Title | Tags |
|---|---|
| Outcome 1 | 203941, 1 |

**Learning Outcome**
Explain the electric and magnetic properties of radiation, molecules and bulk matter and solve problems related to these properties.

| Title | Tags |
|---|---|

## CHEM 571 - Polymer and Materials Chemistry

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
571

**Teaching Area**
CHEM

**Course Title**
Polymer and Materials Chemistry

**Course Description**
Survey of synthetic and biopolymers, modern materials, and their chemistry, including synthesis, chemical and physical characterization, and applications.

**Department**
Chemistry & Biochemistry

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Chem 352 or Chem 351M; Chem 462 or Chem 468.

| Outcome 2 | 203942, 2 |
| --- | --- |

**Learning Outcome**
Solve time-dependent quantum mechanical problems and apply these solutions to spectroscopy where light is the time-dependent perturbation.

| Title | Tags |
| --- | --- |
| Outcome 3 | 203943, 3 |

**Learning Outcome**
Explain angular momentum as possessed by atomic or molecular systems, various descriptions of how angular momentum can be coupled, and how conservation of angular momentum is important to spectroscopy.

| Title | Tags |
| --- | --- |
| Outcome 4 | 203944, 4 |

**Learning Outcome**
Apply solutions of the Schrödinger equation for simple systems (particle in a box, rigid rotor, harmonic oscillator, etc) to real systems (vibrational, rotational, and electronic energy states) for use in determining the energy of stationary states.

| Title | Tags |
| --- | --- |
| Outcome 5 | 203945, 5 |

**Learning Outcome**
Explain the origin of selection rules and derive electric and magnetic dipole, quadrupole, etc. selection rules for simple model quantum systems.

| Title | Tags |
| --- | --- |
| Outcome 6 | 203946, 6 |

**Learning Outcome**
Use symmetry arguments, including group theory and parity, to simplify the interpretation and explanation of atomic and molecular spectra.

| Title | Tags |
| --- | --- |
| Outcome 7 | 203947, 7 |

**Learning Outcome**
Use solutions to the model

systems and the selection rules the predict spectra for atomic and molecular systems.

| Title | Tags |
| --- | --- |
| Outcome 8 | 203948, 8 |

**Learning Outcome**
Fit experimentally obtained spectra to the mathematical models to obtain physical constants.

## CHEM 575 - X-ray Diffraction Theory & Practice

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 575 |

**Teaching Area**
CHEM
**Course Title**
X-ray Diffraction Theory & Practice
**Course Description**
This course will explore how X-rays can be used to characterize the atomic structure of solid, crystalline materials. Students will learn the fundamental concepts of crystallography and will gain practical, hands-on experience with both single crystal (SC-XRD) and powder (P-XRD) diffraction techniques.
**Department**
Chemistry & Biochemistry
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
1

**Recommended**
There are no official prerequisites for this class, but students are strongly encouraged to have a working knowledge of college level chemistry, physics, and math. This means a student should have

## CHEM 581 - Advanced Biochemical Methodology 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHEM | 581 |

**Teaching Area**
CHEM
**Course Title**
Advanced Biochemical Methodology 1
**Course Description**
Analytical and structural determination methods used in biochemical research, including mass spectrometry-based proteomics, immunotechniques, atomic force and electron microscopy, NMR and X-ray diffraction.
**Department**
Chemistry & Biochemistry
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

completed Chem 111/112 (or equivalent such as Chem 105/106), Phscs 121/123 (or equivalent such as Phscs 105/106), college algebra (Math 110 or equivalent) and calculus (Math 112/113)

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 482 - Mechanisms of Molecular Biology

**Additional Comments:**

**Note**

One of two required courses for biochemistry graduate students. May be taken before or after Chem 583.

| | |
|---|---|
| **Tags**<br>204032, 3 | **Learning Outcome**<br>Recognize important technological advances in proteomic, immunological and structural methods. |
| **Tags**<br>204085, 1 | **Learning Outcome**<br>Interpret and critique data from these techniques. |
| **Tags**<br>204156, 4 | **Learning Outcome**<br>Present findings from the primary literature describing the application of these methods to significant biochemical questions in a professional manner. |
| **Tags**<br>204160, 0 | **Learning Outcome**<br>Understand the theory, instrumentation and applications of proteomic, immunological and structural methods currently used to address important biochemical questions. |
| **Tags**<br>204194, 2 | **Learning Outcome**<br>Design appropriate experiments and apply these techniques to their own research problems. |

## CHEM 583 - Advanced Biochemical Methodology 2

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
583

**Teaching Area**
CHEM

**Course Title**
Advanced Biochemical Methodology 2

**Course Description**

## CHEM 584 - Advanced Biochemistry Methods 1

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
584

**Teaching Area**
CHEM

**Course Title**
Advanced Biochemistry Methods 1

**Course Description**

Maintenance and expression of genetic information, the role of nucleic acids in biology at the chemical and structural level, and methods to study and control nucleic acid function as a means of solving biological problems.

**Department**
Chemistry & Biochemistry
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 482 - Mechanisms of Molecular Biology

**Additional Comments:**

**Note**
One of two required courses for biochemistry graduate students. May be taken before or after Chem 581.

**Tags**
203998, 1

**Learning Outcome**
Understand methods for studying the structure and function of nucleic acids and methods for manipulating gene expression in living systems.

**Tags**
204071, 4

**Learning Outcome**
Design appropriate experiments and apply the techniques of nucleic acid biochemistry to their own research problems.

**Tags**
204114, 3

**Learning Outcome**
Communicate this understanding in both oral and written formats. [

Introduction to current biochemical research methods, techniques, and instrumentation directed toward the isolation and characterization of DNA, RNA, and proteins including, DNA cloning, protein expression, enzyme kinetics, and nucleic acid and protein ligand interactions.

**Department**
Chemistry & Biochemistry
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 384 - Biochemistry Methods
  **AND** CHEM 481 - Biochemistry.

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 381M - Fundamentals of Biochemistry
  **AND** CHEM 384 - Biochemistry Methods

**Additional Comments:**

**Title**
Design and execute experiments with nucleic acids applicable to prokaryotic systems

**Tags**
204268, 1

**Learning Outcome**
Apply nucleic acid techniques to isolate, purify, characterize, manipulate, amplify and express DNA and/or RNA in prokaryotic systems.

204114, 3 written formats. [

Tags
204188, 2

Learning Outcome
Interpret and critique data obtained using these methods as reported in the primary scientific literature.

Tags
204193, 0

Learning Outcome
Describe how genetic information is stably maintained, how it is expressed, and how that expression is regulated, with an emphasis on the mechanism by which molecular machines perform these processes.

Title
Design and execute experiments with proteins derived from gene expression in prokaryotes

Tags
204269, 2

Learning Outcome
Characterize and manipulate proteins obtained from gene expression in prokaryotic organisms.

Title
Clearly communicate research approaches and data

Tags
204270, 3

Learning Outcome
Communicate in written and verbal forms the methods and results of experimentation. Provide sufficient explanation of experimental techniques and approaches to enable others to repeat experiments and verify results.

Title
Use of existing resources to address research questions

Tags
204271, 4

Learning Outcome
Utilize available resources (e.g., online, manufacturer's protocols) to plan, execute, and troubleshoot experimental approaches.

## CHEM 586 - Advanced Biochemistry Methods 2

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
586

**Teaching Area**
CHEM

**Course Title**
Advanced Biochemistry Methods 2

**Course Description**
Continued development of expertise in and the application of biochemical research methods, techniques, and instrumentation building on the skills and experience gained in Chem 584 including, the design and carrying out of directed group research projects.

**Department**
Chemistry & Biochemistry

**When Taught**
Winter

## CHEM 594R - General Seminar

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
594R

**Teaching Area**
CHEM

**Course Title**
General Seminar

**Course Description**
Research topics presented by faculty and visiting scientists.

**Department**
Chemistry & Biochemistry

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 584 - Advanced Biochemistry Methods 1

**Additional Comments:**

**Title**
Design and execute experiments with nucleic acids using eukaryotic organisms.

**Tags**
204272, 1

**Learning Outcome**
Apply nucleic acid techniques to isolate, purify, characterize, manipulate, amplify and express DNA and/or RNA in eukaryotic systems

**Title**
Design and execute experiments with proteins derived from gene expression in eukaryotes

**Tags**
204273, 2

**Learning Outcome**
Characterize and manipulate proteins obtained from gene expression in eukaryotic organisms.

**Title**
Clearly communicate research approaches and data.

**Tags**
204274, 3

**Learning Outcome**
Communicate in written and verbal forms the methods and

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Note**
Required one semester in residence of all senior BS majors in chemistry and biochemistry. Seminars are typically scheduled at 4:00 pm *any day of the week*. Check the seminar schedule at chem.byu.edu for current schedule and updates. Attendance at a minimum of 10 seminars is required.

**Title**
Current Research

**Tags**
203949, 1

**Learning Outcome**
Become familiar with a variety of current research areas by listening to numerous visiting researchers describe their recent research results.

**Title**
Prepare for Seminar Presentations

**Tags**
203950, 2

**Learning Outcome**
Prepare for seminar presentations by reading literature articles written by visiting speakers before attending the presentation.

**Title**
Science-Writing Skills

**Tags**
203951, 3

**Learning Outcome**
Improve science-writing skills by writing summaries of research papers.

**Title**
Note Taking Skills

**Tags**
203952, 4

**Learning Outcome**
Take notes in presentations attended to record thoughts and ideas for future reference.

results of experimentation.
Provide sufficient explanation of experimental techniques and approaches to enable others to repeat experiments and verify results.

**Title**
Demonstrate the ability to use existing resources to address research questions.

**Tags**
204275, 4

**Learning Outcome**
Utilize available resources (e.g., online, manufacturer's protocols) to plan, execute, and troubleshoot experimental approaches.

## CHEM 596R - Special Topics in Chemistry

### Course Information

**Teaching Area (new)**
CHEM

**Course Number**
596R

**Teaching Area**
CHEM

**Course Title**
Special Topics in Chemistry

**Department**
Chemistry & Biochemistry

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Special topics in Chemistry - 500 level

**Tags**
204236, 1

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area.

**Title**

**Tags**

## CHIN 101 - Beginning Mandarin

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
101

**Teaching Area**
CHIN

**Course Title**
Beginning Mandarin

**Course Description**
Basic grammar, vocabulary building, speaking.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
2

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at

| | |
|---|---|
| 596R - Atmospheric Chem | 204235, 1 |

**Learning Outcome**
Students will demonstrate knowledge in atmospheric chemistry.

is.byu.edu.

| Title | Tags |
|---|---|
| Effective Writing | 189509, 1 |

**Learning Outcome**
Write short paragraphs, notes and similar texts at the ACTFL novice low level. (See Chinese major learning outcome 2)

| Title | Tags |
|---|---|
| Practices and Conventions | 189510, 2 |

**Learning Outcome**
Demonstrate a basic understanding of a variety of Chinese cultural practices and communicative conventions. (See Chinese major learning outcome 3)

| Title | Tags |
|---|---|
| Speaking and Understanding | 189511, 3 |

**Learning Outcome**
Speak and understand Mandarin Chinese at the ACTFL novice mid level. (See Chinese major learning outcome 1)

| Title | Tags |
|---|---|
| Effective Listening | 189512, 4 |

**Learning Outcome**
Listen to conversations, dialogs, and live interaction at the ACTFL novice mid level. (See Chinese major learning outcome 1)

## CHIN 102 - Beginning Mandarin

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHIN | 102 |

**Teaching Area**
CHIN
**Course Title**
Beginning Mandarin
**Course Description**
Continuation of Chin 101.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall, Winter, Summer

### Credit Hours

## CHIN 112 - Beginning Chinese Reading

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHIN | 112 |

**Teaching Area**
CHIN
**Course Title**
Beginning Chinese Reading
**Course Description**
Chinese writing system, reading, and basic composition using Chinese characters.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall, Winter, Summer

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
2

Other Prerequisites
Chin 101 or equivalent
Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Effective Listening | 189513, 1 |

Learning Outcome
Listen to conversations, dialogs, and live interaction at the ACTFL novice high level. (See Chinese major learning outcome 1).

| Title | Tags |
|---|---|
| Speaking and Understanding | 189514, 2 |

Learning Outcome
Speak and understand Mandarin Chinese at the ACTFL novice high level. (See Chinese major learning outcome 1).

| Title | Tags |
|---|---|
| Effective Writing | 189515, 3 |

Learning Outcome
Write short paragraphs, notes, and similar texts at the ACTFL novice mid level. (See Chinese major learning outcome 2).

| Title | Tags |
|---|---|
| Practices and Conventions | 189516, 4 |

Learning Outcome
Demonstrate a basic understanding of a variety of Chinese cultural practices and communicative conventions.

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Other Prerequisites
Equivalent of one year spoken Mandarin skills.

| Title | Tags |
|---|---|
| Speaking and Understanding | 189518, 2 |

Learning Outcome
Speak and understand Mandarin Chinese at the ACTFL intermediate low level. (See Chinese major learning outcome 1)

| Title | Tags |
|---|---|
| Etymology | 189519, 3 |

Learning Outcome
Understand the structure and composition of Chinese characters and beginning level etymology. (See Chinese major learning outcome 2)

| Title | Tags |
|---|---|
| Effective Writing | 189517, 0, 1 |

Learning Outcome
Write short paragraphs, journal entries, notes, and similar texts at the ACTFL novice-mid level. (See Chinese major learning outcome 2)

| Title | Tags |
|---|---|
| Effective Reading | 211216, 0, 4 |

Learning Outcome
Read a variety of informal and easy formal texts at the ACTFL novice-high level, demonstrating the ability to

(See Chinese major learning outcome 3)

summarize, skim, scan texts and guess unknown words from context. (See Chinese major learning outcome 2)

## CHIN 200R - Chinese Calligraphy

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
200R

**Teaching Area**
CHIN

**Course Title**
Chinese Calligraphy

**Course Description**
Training in the art of writing Chinese characters with a brush.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

**Other Prerequisites**
Chin 101 or equivalent

| Title | Tags |
| --- | --- |
| Write basic Chinese characters using calligraphy | 189520, 1 |

**Learning Outcome**
Write basic Chinese characters using one or more of the writing styles of Chinese calligraphy (see Chinese major expected learning outcome 3).

| Title | Tags |
| --- | --- |
| Explain the importance of Chinese calligraphy | 189521, 2 |

**Learning Outcome**

## CHIN 201 - Intermediate Mandarin

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
201

**Teaching Area**
CHIN

**Course Title**
Intermediate Mandarin

**Course Description**
Advanced grammar, the writing system, reading and writing, speaking.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Recommended**
Chin 102.

| Title | Tags |
| --- | --- |
| Cultural Practices | 189522, 4 |

**Learning Outcome**
Demonstrate an introductory level understanding of Chinese cultural practices. (See Chinese major learning outcome 3)

| Title | Tags |
| --- | --- |
| Speaking and Understanding | 189773, 1 |

**Learning Outcome**
Speak and understand Mandarin Chinese at the ACTFL

Learning Outcome
Explain the importance of Chinese calligraphy in Chinese culture and civilization (see Chinese major expected learning outcome 3).

Chinese at the ACTFL intermediate-low level. (See Chinese major learning outcome 1)

| Title | Tags |
| --- | --- |
| Listening Comprehension | 189774, 2 |

Learning Outcome
Understand conversations and dialogs at the ACTFL intermediate-low level. (See Chinese major learning outcome 1)

| Title | Tags |
| --- | --- |
| Effective Writing | 189779, 3 |

Learning Outcome
Write short essays, journal entries, and notes at the ACTFL novie-high level. (See Chinese major learning outcome 2)

| Title | Tags |
| --- | --- |
| Effective Reading | 211217, 0, 5 |

Learning Outcome
Read a variety of informal and easy formal texts at the ACTFL intermediate-mid level, demonstrating the ability to summarize, skim, scan texts and guess unknown words from context. (See Chinese major learning outcome 2)

## CHIN 202 - Intermediate Mandarin

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHIN | 202 |

Teaching Area
CHIN
Course Title
Intermediate Mandarin
Course Description
Advanced grammar, the writing system, reading and writing, speaking, and listening.
Department
Asian & Near Eastern Lang
When Taught
Fall, Winter, Summer

### Credit Hours

Min

## CHIN 211R - Intermediate Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHIN | 211R |

Teaching Area
CHIN
Course Title
Intermediate Conversation
Course Description
Emphasis on fluency and vocabulary building.
Department
Asian & Near Eastern Lang
When Taught
Fall and Winter

### Credit Hours

Min
2

4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHIN 201 - Intermediate Mandarin

**Additional Comments:**

| Title | Tags |
|---|---|
| Social Practices and Behavior | 189366, 4 |

**Learning Outcome**
Demonstrate a fundamental understanding of Chinese social practices as well as linguistically and culturally appropriate behavior. (See Chinese major learning outcome 3)

| Title | Tags |
|---|---|
| Listening Comprehension | 189772, 2 |

**Learning Outcome**
Understand conversations and dialogs at the ACTFL intermediate-high level. (See Chinese major learning outcome 1)

| Title | Tags |
|---|---|
| Effective Reading | 211212, 0, 5 |

**Learning Outcome**
Read a variety of informal and easy formal texts at the ACTFL intermediate-high level, demonstrating the ability to summarize, skim, scan texts and guess unknown words from context. (See Chinese major

**Fixed**
2

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHIN 102 - Beginning Mandarin

**Additional Comments:**

| Title | Tags |
|---|---|
| Speaking and Understanding | 189523, 1 |

**Learning Outcome**
Speak Mandarin Chinese at the ACTFL intermediate low level. (See Chinese major learning outcome 1)

| Title | Tags |
|---|---|
| Listening Comprehension | 189524, 2 |

**Learning Outcome**
Understand conversations and dialogs at the ACTFL intermediate low level. (See Chinese major learning outcome 1)

| Title | Tags |
|---|---|
| Practices and Interactions | 189525, 3 |

**Learning Outcome**
Demonstrate an introductory level understanding of Chinese cultural practices and appropriate social interactions. (See Chinese major learning outcome 3)

learning outcome 2)

| Title | Tags |
| --- | --- |
| Speaking and Understanding | 189771, 0, 1 |

**Learning Outcome**
Speak and understand Mandarin Chinese at the ACTFL intermediate-high level. (See Chinese major learning outcome 1)

| Title | Tags |
| --- | --- |
| Effective Writing | 189778, 0, 3 |

**Learning Outcome**
Write short essays, journal entries, and notes at the ACTFL intermediate-mid level. (See Chinese major learning outcome 2)

## CHIN 301 - Third-Year Mandarin

### Course Information

**Teaching Area (new)**
CHIN
**Course Number**
301
**Teaching Area**
CHIN
**Course Title**
Third-Year Mandarin
**Course Description**
Discourse grammar, advanced reading.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

## CHIN 302 - Third-Year Mandarin

### Course Information

**Teaching Area (new)**
CHIN
**Course Number**
302
**Teaching Area**
CHIN
**Course Title**
Third-Year Mandarin
**Course Description**
Advanced-level Mandarin skills, especially media discourse and reading.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHIN 202 - Intermediate Mandarin

**Additional Comments:**

**Title**
Comprehending Non-Technical Spoken Mandarin

**Tags**
189367, 1

**Learning Outcome**
Comprehend non-technical spoken Mandarin in controlled contexts at the ACTFL advanced-low level. (See Chinese major learning outcome 1)

**Title**
Understanding Chinese Culture and Society

**Tags**
189368, 5

**Learning Outcome**
Demonstrate an understanding of Chinese cultural features as well as contemporary Chinese society. (See Chinese major expected learning outcome 3)

**Title**
Reading Informal and Easy Formal Texts

**Tags**
189768, 3

**Learning Outcome**
Read a variety of informal and easy formal texts at the ACTFL advanced-low level, demonstrating the ability to summarize, skim, scan texts and guess unknown words from context. (See Chinese major learning outcome 2)

**Title**
Speaking Mandarin Chinese

**Tags**
189780, 0, 2

**Learning Outcome**
Speak Mandarin Chinese at the ACTFL advanced-low level, demonstrating the ability to defend a point of view, narrate events, and give a basic presentation. (See Chinese major learning outcome 1)

0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHIN 301 - Third-Year Mandarin

**Additional Comments:**

**Title**
Reading Journalistic Texts

**Tags**
189770, 0, 2, 2021-08-30 18:33:57

**Learning Outcome**
Read journalistic texts at the ACTFL advanced-mid level, demonstrating the ability to both skim and scan texts as well as read for details. (See Chinese major learning outcome 2)

**Title**
Summarizing, Writing, and Translating

**Tags**
189781, 0, 3, 2021-08-30 18:33:57

**Learning Outcome**
Summarize news stories, express personal insights, and write and translate descriptive reports in formal written Chinese at the ACTFL intermediate-high level and in spoken Chinese at the advanced-low level. (See Chinese major learning outcome 2)

**Title**
Understanding Discourse

**Tags**
189369, 0, 4, 2021-08-30 18:33:57

**Learning Outcome**
Understand the structure of Chinese media discourse, including grammar and stylistics, within the Chinese cultural context. (See Chinese major learning outcome 3)

**Title**
Listening Comprehension and Speaking Proficiency

**Tags**
189769, 0, 1, 2021-08-30 18:33:57

**Learning Outcome**
Understand the main points of spoken Chinese on television and radio news broadcasts at the ACTFL advanced-mid level. (See Chinese major learning outcome 1). Speak Mandarin Chinese at the ACTFL advanced-mid level

| Title | Tags |
| --- | --- |
| Writing Notes, Correspondence, and Short Essays | 189777, 0, 4 |

**Learning Outcome**
Write notes, correspondence, and short essays at the ACTFL intermediate-high level. (See Chinese major expected learning outcome 2)

the ACTFL advanced-mid level, demonstrating the ability to defend a point of view, narrate events, and give a basic presentation. (See Chinese major learning outcome 1)

## CHIN 311R - Advanced Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHIN | 311R |

**Teaching Area**
CHIN
**Course Title**
Advanced Conversation
**Course Description**
Emphasis on sophisication of speech.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall and Winter

### Credit Hours

| Min | Max |
| --- | --- |
| 1 | 2 |

### Lecture Hours

| Min | Max |
| --- | --- |
| 1 | 2 |

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Chin 202 or equivalent.

| Title | Tags |
| --- | --- |
| Listening Comprehension | 189370, 1 |

**Learning Outcome**
Understand conversations and dialogs at the ACTFL advanced mid level. (See Chinese major learning outcome 1)

| Title | Tags |
| --- | --- |
| Speaking Chinese | 189371, 2 |

## CHIN 321 - Selected Readings of Modern Chinese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHIN | 321 |

**Teaching Area**
CHIN
**Course Title**
Selected Readings of Modern Chinese
**Course Description**
Complements overall language competency through reading modern texts selected from a wide range of styles and genres.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHIN 302 - Third-Year Mandarin

| Speaking Chinese | 189371, 2 |
|---|---|

Learning Outcome
Speak Chinese at the ACTFL advanced low level (See Chinese major learning outcome 1)

| Title | Tags |
|---|---|
| Practices and Interactions | 189372, 3 |

Learning Outcome
Demonstrate an intermediate level understanding of Chinese cultural practices and appropriate social interactions. (See Chinese major learning outcome 3)

Additional Comments:

| Title | Tags |
|---|---|
| Chinese Culture | 189374, 3 |

Learning Outcome
Analyze and discuss Chinese culture and how it influences Chinese language and literature. (See Chinese major learning outcome 3)

| Title | Tags |
|---|---|
| Discussing Chinese Literary Genres | 189763, 0, 1 |

Learning Outcome
Discuss Chinese literary genres, works, and authors in their social, historical, and religious contexts, demonstrating the ability to argue and support supporting and opposing points of view in both formal written Chinese at the ACTFL advanced-low level and in spoken Chinese at the ACTFL advanced-mid level. (See Chinese major learning outcomes 1 and 3)

| Title | Tags |
|---|---|
| Reading and Comprehending Selected Texts | 189373, 0, 2 |

Learning Outcome
Read and comprehend selected texts in modern literary Chinese at the ACTFL advanced-mid level, demonstrating a knowledge of key grammatical patterns. (See Chinese major learning outcome 2)

## CHIN 322 - Selected Readings of Modern Chinese.

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHIN | 322 |

Teaching Area
CHIN
Course Title
Selected Readings of Modern Chinese.
Course Description
Complements overall language competency through reading modern texts selected from a wide range of styles and genres.
Department

## CHIN 325 - Structure of Chinese

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CHIN | 325 |

Teaching Area
CHIN
Course Title
Structure of Chinese
Course Description
Sound, syntax, meaning, and word structure of Mandarin Chinese and its implications to problems of learning Chinese.
Department
Asian & Near Eastern Lang
When Taught

Asian & Near Eastern Lang
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHIN 302 - Third-Year Mandarin

**Additional Comments:**

| Title | Tags |
|---|---|
| Reading Skills | 189375, 2 |

**Learning Outcome**
Read a variety of formal and informal genres of writing at the ACTFL advanced-mid level. (See Chinese major learning outcome 2)

| Title | Tags |
|---|---|
| Writing Conventions | 189764, 1 |

**Learning Outcome**
Write notes, routine social correspondence, and short essays at the ACTFL advanced-low level while demonstrating an awareness of formal Chinese writing conventions. (See Chinese major learning outcome 2)

| Title | Tags |
|---|---|
| Research Paper | 189765, 3 |

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHIN 202 - Intermediate Mandarin

**Additional Comments:**

| Title | Tags |
|---|---|
| In depth Knowledge of Chinese | 189376, 1 |

**Learning Outcome**
Demonstrate an in depth knowledge of the structure of Modern Standard Chinese, including its sound system, syntax, discourse structure, and morphology (see Chinese major expected learning outcome 3).

| Title | Tags |
|---|---|
| Relate Language to Social Context | 189377, 2 |

**Learning Outcome**
Relate the language to its social context (see Chinese major expected learning outcome 3).

| Title | Tags |
|---|---|
| Analyze Language Errors | 189378, 3 |

**Learning Outcome**
Analyze learner errors in order to resolve problems in ones own

Learning Outcome
Write essays and research papers in Chinese at the ACTFL advanced-low level, demonstrating the ability to express personal experiences and opinions as well as well-documented and well-argued research. (See Chinese major learning outcome 2)

| Title | Tags |
| --- | --- |
| Formal Letters | 189766, 4 |

Learning Outcome
Write formal letters related to school and employment at the ACTFL advanced-low level. (See Chinese major learning outcome 2)

| Title | Tags |
| --- | --- |
| Narratives and Descriptions | 189767, 5 |

Learning Outcome
Write narratives and descriptions at the ACTFL advanced-low level while demonstrating an awareness of formal Chinese writing conventions. (See Chinese major learning outcome 2)

spoken and written Mandarin (see Chinese major expected learning outcomes 1 and 2).

| Title | Tags |
| --- | --- |
| Research, Writing and Presentation Skills | 189379, 4 |

Learning Outcome
Research, write, and present short reports on aspects of the Chinese language.

## CHIN 326 - Introduction to Chinese Linguistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHIN | 326 |

**Teaching Area**
CHIN
**Course Title**
Introduction to Chinese Linguistics
**Course Description**
Dialectology, phonology, syntax, semantics, discourse, morphology, and sociolinguistics.
**Department**
Asian & Near Eastern Lang
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**

## CHIN 327 - Chinese Translation and Interpretation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHIN | 327 |

**Teaching Area**
CHIN
**Course Title**
Chinese Translation and Interpretation
**Course Description**
Translation techniques, with practice in oral and written translation either from Chinese to English or from English to Chinese.
**Department**
Asian & Near Eastern Lang
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHIN 202 - Intermediate Mandarin

**Additional Comments:**

| Title | Tags |
|---|---|
| Culturally Contextualize Chinese Language | 189380, 1 |

**Learning Outcome**
Put the Chinese language into its broader historical and geographic context (see Chinese major expected learning outcome 3).

| Title | Tags |
|---|---|
| Structure of Modern Chinese | 189381, 2 |

**Learning Outcome**
Demonstrate an understanding of the major components of structure of Modern Chinese (see Chinese major expected learning outcomes 1-3).

| Title | Tags |
|---|---|
| Understand Chinese Language Variation | 189382, 3 |

**Learning Outcome**
Show an understanding of variation in the Chinese language and its implications in high level communication contexts

| Title | Tags |
|---|---|
| Knowledge of Chinese Dialects | 189383, 4 |

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHIN 301 - Third-Year Mandarin

**Additional Comments:**

| Title | Tags |
|---|---|
| Put Chinese language in context | 189385, 1 |

**Learning Outcome**
Put the Chinese language into its broader historical and geographic context (see Chinese major expected learning outcome 3).

| Title | Tags |
|---|---|
| Use translation terminology | 189386, 2 |

**Learning Outcome**
Utilize basic vocabulary of translation theory.

| Title | Tags |
|---|---|
| Explain translation practice | 189387, 3 |

**Learning Outcome**
Explain the development of translation practice in China (see Chinese major expected learning outcome 3).

Learning Outcome
Demonstrate a general knowledge of the dialects of Chinese and how they relate to one another (see Chinese major expected learning outcome 3).

Title
Research, Writing and Presentation Skills

Tags
189384, 5

Learning Outcome
Research, write, and present short reports on aspects of the Chinese language.

## CHIN 342 - Chinese Film in Translation

### Course Information

Teaching Area (new)
CHIN

Course Number
342

Teaching Area
CHIN

Course Title
Chinese Film in Translation

Course Description
Survey course covering the silent era to the present, including selections from Republican China, the People's Republic of China, Taiwan, and Hong Kong.

Department
Asian & Near Eastern Lang

When Taught
Spring Term

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

Title
Chinese Film and its Ties to Culture

Tags
189668, 0, 1

## CHIN 343 - Chinese Literature in Translation--Poetry.

### Course Information

Teaching Area (new)
CHIN

Course Number
343

Teaching Area
CHIN

Course Title
Chinese Literature in Translation--Poetry.

Course Description
All readings in English; topics vary.

Department
Asian & Near Eastern Lang

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Outline Facts of Chinese Poetry

Tags
189388, 1

Learning Outcome

Learning Outcome
Analyze and discuss Chinese language films from China, Taiwan, and Hong Kong and their relations to modern and traditional Chinese culture

Title
Film Terminology and Frameworks

Tags
211041, 0, 2

Learning Outcome
Acquire and apply knowledge of cinematic terminology and frameworks for filmic analysis

Title
Write Coherently and Cohesively

Tags
211042, 0, 3

Learning Outcome
Write short writing reflections, film analyses, and essays coherently and cohesively

Outline the basic facts of early Chinese poetry: authors, genres, titles (see Chinese major expected learning outcome 3).

Title
Analyze and Appreciate Chinese Literature

Tags
189389, 2

Learning Outcome
Utilize the basic approaches to analyzing and appreciating literature (see Chinese major expected learning outcome 3).

Title
Write Clear and Convincing Prose

Tags
189390, 3

Learning Outcome
Write clear, convincing prose, and understand the basics of proper formatting and documentation for scholarly prose.

## CHIN 344 - Chinese Literature in Translation--Prose

### Course Information

Teaching Area (new)
CHIN

Course Number
344

Teaching Area
CHIN

Course Title
Chinese Literature in Translation--Prose

Course Description
All readings in English; topics vary.

Department
Asian & Near Eastern Lang

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

## CHIN 345R - Chinese Culture

### Course Information

Teaching Area (new)
CHIN

Course Number
345R

Teaching Area
CHIN

Course Title
Chinese Culture

Course Description
Selected topics in traditional, modern, and contemporary Chinese culture.

Department
Asian & Near Eastern Lang

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

**Lab Hours**

Fixed
0

| Title | Tags |
| --- | --- |
| Literary Terminology and Frameworks | 189391, 1 |

Learning Outcome
Acquire and apply knowledge of literary terminology and frameworks for literary analysis (see Chinese major expected learning outcome 3).

| Title | Tags |
| --- | --- |
| Chinese Literature and its Ties to Culture | 189392, 2 |

Learning Outcome
Analyze and discuss classical and modern Chinese narrative literature and its relations to Chinese cultural traditions (see Chinese major expected learning outcome 3).

| Title | Tags |
| --- | --- |
| Write Coherently and Cohesively | 189393, 3 |

Learning Outcome
Write coherently and cohesively in English.

**Lab Hours**

Fixed
0

| Title | Tags |
| --- | --- |
| Demonstrate cultural literacy | 189394, 1 |

Learning Outcome
Demonstrate cultural literacy of the foundations of Chinese civilization: geography, history, philosophy, thought, political systems and social structures (see Chinese major expected learning outcome 3).

| Title | Tags |
| --- | --- |
| Explain how cultural factors shape allied disciplines | 189395, 2 |

Learning Outcome
Explain how cultural factors and institutions have shaped and continue to shape allied disciplines in Chinese studies including language, literature, linguistics, and the visual arts (see Chinese major expected learning outcome 3).

| Title | Tags |
| --- | --- |
| Write coherently in English | 189396, 3 |

Learning Outcome
Write coherently and cohesively in English.

## CHIN 346 - Introduction to Chinese Philosophy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHIN | 346 |

**Teaching Area**
CHIN
**Course Title**
Introduction to Chinese Philosophy
**Course Description**
Introduction to native Chinese philosophies of Confucianism and Taoism. Readings in translation of *Lun-yu, Meng-tsu, Lao-tzu,* and *Chuang-tzu.* Themes include self, society, and cosmos.
**Department**
Asian & Near Eastern Lang
**When Taught**
Winter

## CHIN 347 - Business Chinese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CHIN | 347 |

**Teaching Area**
CHIN
**Course Title**
Business Chinese
**Course Description**
Introduction to terminology and format of business communication in Chinese, emphasizing both reading and writing of various forms of business communication.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Summarize facts, figures, and dates | 189398, 1 |

Learning Outcome
Summarize the important facts, figures, and dates relevant to early Chinese philosophy (see Chinese major expected learning outcome 3).

| Title | Tags |
| --- | --- |
| Outline major schools of Chinese philosophy | 189399, 2 |

Learning Outcome
Explain the broad outlines of the major schools of Confucianism, Mohism, Daoism, and Legalism, and understand their roles in the development of Chinese society and thought (see Chinese major expected learning outcome 3).

| Title | Tags |
| --- | --- |
| Formulate philosophical questions | 189400, 3 |

Learning Outcome
Formulate philosophical questions.

| Title | Tags |
| --- | --- |
| Write clear prose | 189401, 4 |

Learning Outcome
Write clear, convincing prose, and understand the basics of proper formatting and

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Chin 301 or instructor's consent.

| Title | Tags |
| --- | --- |
| Communicate effectively | 189402, 1 |

Learning Outcome
Communicate orally in Modern Standard Chinese at the intermediate high level on business-related topics (see Chinese major expected learning outcome 1).

| Title | Tags |
| --- | --- |
| Write business texts | 189403, 2 |

Learning Outcome
Write notes, correspondence, and other short business texts at the ACTFL intermediate low level. (see Chinese major expected learning outcome 2).

| Title | Tags |
| --- | --- |
| Apply linguistic and cultural knowledge | 189404, 3 |

Learning Outcome
Apply knowledge of Chinese language and culture to real life business and daily life situations in a linguistically, socially, and culturally appropriate ways (see Chinese major expected learning outcome 3).

documentation for scholarly prose.

## CHIN 377 - Chinese Language Teaching Procedures

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
377

**Teaching Area**
CHIN

**Course Title**
Chinese Language Teaching Procedures

**Course Description**
Acquiring knowledge and skills specific to teaching Chinese as a foreign language. Conducted in Chinese and English.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Chin 301 or instructor's consent

**Title**
Teaching

**Tags**
189405, 1

**Learning Outcome**
Students will prepare lesson plans and implement their plans in teaching demonstrations (see Chinese major expected learning outcome 3).

**Title**
Evaluate and develop language teaching materials

**Tags**
189406, 2

**Learning Outcome**

## CHIN 399R - Academic Internship

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
399R

**Teaching Area**
CHIN

**Course Title**
Academic Internship

**Course Description**
On-the-job cultural and/or language experience.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHIN 202 - Intermediate Mandarin

**Additional Comments:**

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Increase Chinese language proficiency

**Tags**
189409, 1

**Learning Outcome**
Increase proficiency in Chinese speaking, listening, reading,

Learn to critically evaluate existing language materials and teaching methods, develop an understanding of curriculum design and materials development, and develop effective teaching materials (see Chinese major expected learning outcome 3).

**Title**
Demonstrate knowledge of teaching four language skills

**Tags**
189407, 3

**Learning Outcome**
Demonstrate an understanding of the basic principles and methods of teaching the four language skills: listening, speaking, reading, and writing, within a cultural context (see Chinese major expected learning outcomes 1-3).

**Title**
Apply basic theories and methods of instruction

**Tags**
189408, 4

**Learning Outcome**
Apply a knowledge of basic theories and methodologies for teaching a foreign language including being able to use a performance-based approach for teaching Chinese (see Chinese major expected learning outcome 3).

and/or writing through participating in an internship (see Chinese major expected learning outcomes 1 and 2).

**Title**
Apply Cultural Knowledge

**Tags**
189410, 2

**Learning Outcome**
Apply knowledge of Chinese culture in a professional work setting (see Chinese major expected learning outcome 3).

## CHIN 411 - Speaking and Listening Mastery

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
411

**Teaching Area**
CHIN

**Course Title**
Speaking and Listening Mastery

**Course Description**
Developing effective higher-level speaking and listening skills for social, cultural, academic, and professional contexts.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

Min

## CHIN 441 - Classical and Literary Chinese

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
441

**Teaching Area**
CHIN

**Course Title**
Classical and Literary Chinese

**Course Description**
Introduction to syntax and stylistic patterns.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

### Credit Hours

Min
3

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 302 - Third-Year Mandarin

Additional Comments:

Other Prerequisites
or equivalent.

| Title | Tags |
| --- | --- |
| Listening Comprehension | 189831, 1 |

Learning Outcome
Understand the main points of spoken Chinese in video or audio clips at the ACTFL advanced mid level. (Chinese major learning outcome 1)

| Title | Tags |
| --- | --- |
| Oral Proficiency | 189832, 2 |

Learning Outcome
Speak Mandarin Chinese at the ACTFL (American Council on the Teaching of Foreign Languages) advanced-high level in linguistically, socially, and culturally appropriate ways for professional contexts (Chinese major learning outcome 1, direct measures 1 and 7).

3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Chin 301 or equivalent

| Title | Tags |
| --- | --- |
| Explain Grammatical Usage | 189411, 1 |

Learning Outcome
Explain the use of the common grammatical particles and patterns essential in mastering the intricacies and subtleties of "classical" Chinese prose (see Chinese major expected learning outcome 3).

| Title | Tags |
| --- | --- |
| Classical Chinese Vocabulary | 189412, 2 |

Learning Outcome
Discuss and apply the meanings and usages of the standard vocabulary of classical Chinese (see Chinese major expected learning outcome 3).

| Title | Tags |
| --- | --- |
| Early Chinese Thought | 189413, 3 |

Learning Outcome
Summarize the thought of each important early thinker (see Chinese major expected learning outcome 3).

## CHIN 442 - Classical and Literary Chinese

### Course Information

## CHIN 443 - Modern Chinese Literature

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
442

**Teaching Area**
CHIN

**Course Title**
Classical and Literary Chinese

**Course Description**
Introduction to syntax and stylistic patterns.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CHIN 441 - Classical and Literary Chinese

**Additional Comments:**

**Title**
Read Documentary Chinese Prose

**Tags**
189414, 1

**Learning Outcome**
Read, analyze, and discuss documentary Chinese prose (see Chinese major expected learning outcome 3).

**Title**
Compare Literary Styles and Discuss Chinese Culture

**Tags**
189415, 2

**Learning Outcome**
Compare and contrast the literary craftsmanship exhibited by the writers of documentary

**Teaching Area (new)**
CHIN

**Course Number**
443

**Teaching Area**
CHIN

**Course Title**
Modern Chinese Literature

**Course Description**
Authors, themes, and writing styles of the period 1915--1949. Texts in Chinese.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Chin 321 or 322.

**Title**
Read Modern Chinese Literature

**Tags**
189417, 1

**Learning Outcome**
Read, analyze, and discuss Chinese literary texts from the modern (1900-1949) period in Chinese (see Chinese major expected learning outcomes 2 and 3).

**Title**
Discuss Chinese Literature in Chinese

**Tags**
189418, 2

**Learning Outcome**
Discuss modern Chinese literary texts in Chinese with fluency and increasing sophistication, demonstrating facility for expressing subjective judgments on literature and other abstract topics in Chinese (see Chinese major expected learning outcomes 1-3).

Chinese and discuss traditional Chinese history, literature, and religion (see Chinese major expected learning outcome 3).

**Title**
Continue Learning Classical Chinese Grammar

**Tags**
189416, 3

**Learning Outcome**
Explain the use of the basic grammatical particles introduced in Chin 441, learn some more advanced ones, and practice using them in new contexts (see Chinese major expected learning outcome 3).

**Title**
Analyze Modern Chinese Literature in its Cultural Context

**Tags**
189419, 3

**Learning Outcome**
Analyze and discuss modern Chinese literary genres, works and authors in their social, historical, and religious contexts (see Chinese major expected learning outcome 3).

## CHIN 444 - Contemporary Chinese Literature

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
444

**Teaching Area**
CHIN

**Course Title**
Contemporary Chinese Literature

**Course Description**
Contemporary literature of Taiwan and the PRC. Texts in Chinese.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Chin 321 or 322.

## CHIN 445R - Chinese Poetry

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
445R

**Teaching Area**
CHIN

**Course Title**
Chinese Poetry

**Course Description**
Readings in Chinese poetry. Topics vary from classical and modern poetry. Various themes and genres introduced, emphasizing shi poetry. Texts in Chinese.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

| Title | Tags |
| --- | --- |
| Read Contemporary Chinese Literature | 189420, 1 |

**Learning Outcome**
Read, analyze, and write about Chinese literary texts from the contemporary (1949-present) period in Chinese (see Chinese major expected learning outcomes 2 and 3).

| Title | Tags |
| --- | --- |
| Discuss Contemporary Chinese Literature | 189421, 2 |

**Learning Outcome**
Discuss contemporary Chinese literary texts in Chinese with fluency and increasing sophistication, demonstrating facility for expressing subjective judgments on literature and other abstract topics in Chinese (see Chinese major expected learning outcomes 1 and 3).

| Title | Tags |
| --- | --- |
| Analyze Cultural Context of Contemporary Literature | 189422, 3 |

**Learning Outcome**
Analyze and discuss contemporary Chinese literary genres, works and authors in their social, historical, and religious contexts (see Chinese major expected learning outcome 3).

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CHIN 343 - Chinese Literature in Translation--Poetry.
  **AND** CHIN 441 - Classical and Literary Chinese

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Knowledge | 189669, 1 |

**Learning Outcome**
Students will deepen their understanding of Chinese poetry.

## CHIN 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
477R

**Teaching Area**
CHIN

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

## CHIN 490R - Individual Study in Chinese

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
490R

**Teaching Area**
CHIN

**Course Title**
Individual Study in Chinese

**Course Description**
Assignments to fit individual needs of the advanced student.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Project approval by instructor.

| Title | Tags |
| --- | --- |
| Focused acquisition of knowledge | 189423, 1 |

**Learning Outcome**
Students will concentrate on a specific topic of study and increase their knowledge of and ability to use language appropriate to that field (see Chinese major expected learning outcomes 1-3).

## CHIN 495 - Senior Seminar for Majors

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
495

**Teaching Area**
CHIN

**Course Title**
Senior Seminar for Majors

**Course Description**
Research methods in Chinese language sources. Paper required.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

## CHIN 599R - Academic Internship

### Course Information

**Teaching Area (new)**
CHIN

**Course Number**
599R

**Teaching Area**
CHIN

**Course Title**
Academic Internship

**Course Description**
On-the-job cultural and/or language experience.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Advanced knowledge of Chinese.

| Title | Tags |
| --- | --- |
| Core Aspects of Chinese Civilization | 189424, 1 |

**Learning Outcome**
Analyze and discuss core aspects of Chinese civilization including classical Chinese language and literature, modern and contemporary Chinese literature and film, Chinese culture, and/or the Chinese language. (See Chinese major learning outcome 3)

| Title | Tags |
| --- | --- |
| Capstone Paper | 189425, 2 |

**Learning Outcome**
Write a capstone paper or report that requires primary and secondary research using the Chinese language. (See Chinese major learning outcome 2 and 3)

| Title | Tags |
| --- | --- |
| Seminar Presentations and Discussions | 189640, 2 |

**Learning Outcome**
Give seminar presentations and participate in seminar discussions, thus demonstrating critical thinking and presentation skills.

Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Coordinator's and department's consent

| Title | Tags |
| --- | --- |
| Demonstrate knowledge and skills | 189670, 1 |

**Learning Outcome**
The students will utilize a significant range of skills and abilities in a professional setting.

| Title | Tags |
| --- | --- |
| English Writing Skills | 189642, 3 |

**Learning Outcome**
Demonstrate English writing skills by completing a seminar capstone paper, problem sets, short essays and/or other written work.

## CL CV 110 - Introduction to Greek and Roman Literature

### Course Information

**Teaching Area (new)**
CL CV
**Course Number**
110
**Teaching Area**
CL CV
**Course Title**
Introduction to Greek and Roman Literature
**Course Description**
Homer's *Iliad*, Sophocles' *Oedipus the King*, Vergil's *Aeneid*, and other important works of the Greeks and Romans.
**Department**
Comparative Arts &Letters
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
All readings in English.

| Title | Tags |
| --- | --- |
| Principles and Practice of Literary Method | 189863, 1 |

**Learning Outcome**
Successful students will begin to apply principles and practice of literary method with specific reference to ancient texts.

## CL CV 201 - The Classical Tradition 1: Antiquity to the Renaissance

### Course Information

**Teaching Area (new)**
CL CV
**Course Number**
201
**Teaching Area**
CL CV
**Course Title**
The Classical Tradition 1: Antiquity to the Renaissance
**Course Description**
Civilization from Greek and Roman antiquity to the Italian Renaissance, emphasizing Greco-Roman culture--its institutions, literature, arts, and ideas.
**Department**
Comparative Arts &Letters
**When Taught**
Fall; Winter; Spring.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

| Title | Tags |
| --- | --- |
| Precise Knowledge of Human Events | 191204, 1 |

**Learning Outcome**
Successful students will demonstrate a precise knowledge

| Title | Tags |
| --- | --- |
| Evaluating Texts | 189864, 4 |

**Learning Outcome**
Students should be able to evaluate texts through close reading and express the results of this evaluation in essays.

| Title | Tags |
| --- | --- |
| Ancient Literary Works | 190642, 1 |

**Learning Outcome**
By studying Aristotle's Poetics and then analyzing subsequest readings in epic poetry, tragedy, and philosophy in light of the Aristotle's ancient literary criticism students will be able to begin reading Greek and Roman texts (in translation) with a uniquely ancient perspective. They will be able to better understand all ancient literary works.

| Title | Tags |
| --- | --- |
| Literary History of Classical Literature | 190643, 3 |

**Learning Outcome**
Students will begin to understand the literary history of Classical literature in the larger context of political and cultural history.

of human events, ideas, and accomplishments generally recognized as formative in the history of civilization, with emphasis on contributions of Greek and Roman society.

| Title | Tags |
| --- | --- |
| Broad General Understanding of Classical Tradition | 191205, 2 |

**Learning Outcome**
Successful students will demonstrate a broad general understanding of the development of the classical tradition from Homer through the Italian Renaissance and the roles of individuals, peoples, and cultures in establishing the roots of western civilization.

| Title | Tags |
| --- | --- |
| Appreciation of Representative Works | 191206, 5 |

**Learning Outcome**
Successful students will appreciate representative works that have established idealized relationships of mankind to the divine, to one another, and to nature.

| Title | Tags |
| --- | --- |
| Lifelong Engagement and Appreciation of Great Works | 191207, 7 |

**Learning Outcome**
Successful students will evince preparation for lifelong engagement with and appreciation of great works of the classical tradition.

## CL CV 202 - The Classical Tradition 2: Reformation to Modern

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CL CV | 202 |

**Teaching Area**
CL CV
**Course Title**
The Classical Tradition 2: Reformation to Modern
**Course Description**
Civilization from the Reformation to the twentieth century.

## CL CV 241 - Greek and Roman Mythology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CL CV | 241 |

**Teaching Area**
CL CV
**Course Title**
Greek and Roman Mythology
**Course Description**
Greek and Roman gods, heroes, and myths, emphasizing literature but also giving attention to representations in the visual arts.

civilization from the Reformation to the twentieth century, emphasizing the heritage of Greco-Roman culture--its institutions, literature, arts, and ideas.

**Department**
Comparative Arts &Letters

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Precise Knowledge | 190270, 1 |

**Learning Outcome**
Students will demonstrate a precise knowledge of human events, ideas, and accomplishments generally recognized as formative in the history of civilization, with focus primarily on the contributions of Greek and Roman society.

| Title | Tags |
|---|---|
| Broad Understanding of Classical Tradition | 190299, 0 |

**Learning Outcome**
Students will demonstrate a broad general understanding of the development of the classical tradition from the Northern Renaissance to the present day and the roles of individuals, peoples, and cultures in treating the rise of western civilization.

| Title | Tags |
|---|---|
| Appreciate Representative Works | 190469, 2 |

**Learning Outcome**
Students will appreciate representative works that have established idealized

**Department**
Comparative Arts &Letters

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Reading and Writing | 189866, 1 |

**Learning Outcome**
Through the reading and writing assignments successful students will develop skills in sound thinking and critical reading.

| Title | Tags |
|---|---|
| Reading and Analyzing Greek and Roman Myths | 189867, 2 |

**Learning Outcome**
Successful students will intelligently read and analyze various Greek and Roman myths in anthologies and in complete works - e.g. Homer's Odyssey, Aeschylus' Oresteia, Ovid's Metamorphoses, Eugene O'Neill's Morning Becomes Electra.

| Title | Tags |
|---|---|
| Appreciation for the Aesthetics of Western Civilization | 189868, 3 |

**Learning Outcome**
Students will develop an appreciation for the aesthetics of western civilization's most pervasive and seminal texts.

relationships of mankind to the divine, to one another, and to nature.

**Title**
Preparation for Lifelong Learning

**Tags**
190491, 3

**Learning Outcome**
Students will evince preparation for lifelong engagement with and appreciation of great works of the classical tradition.

## CL CV 245 - Golden Age of Greece

### Course Information

**Teaching Area (new)**
CL CV

**Course Number**
245

**Teaching Area**
CL CV

**Course Title**
Golden Age of Greece

**Course Description**
History of Civilization, culture, and daily life of Greece as indicated through its literature, art, history, and archaeology.

**Department**
Comparative Arts &Letters

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
All readings in English.

**Title**
Classical Greece and Western Cultural Development

**Tags**
189869, 1

**Learning Outcome**

## CL CV 246 - Golden Age of Rome

### Course Information

**Teaching Area (new)**
CL CV

**Course Number**
246

**Teaching Area**
CL CV

**Course Title**
Golden Age of Rome

**Course Description**
History of Civilization, culture, and daily life of Rome as indicated through its literature, art, history, and archaeology.

**Department**
Comparative Arts &Letters

**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
All readings in English.

**Title**
Classical Roman Culture, Literature, and Politics

**Tags**
189872, 1

**Learning Outcome**

Successful students will learn how Classical Greek literature, philosophy, warfare, religion, and art have influenced the development of later western culture.

| Title | Tags |
| --- | --- |
| Greek Golden Age | 189870, 2 |

**Learning Outcome**
Through the careful exploration of the humanities and history of the Greeks in their so-called Golden Age (fifth and fourth centuries BC) successful students will develop a greater understanding of Classical Greek culture, literature, and politics.

| Title | Tags |
| --- | --- |
| Classical Text Critical Analysis | 189871, 3 |

**Learning Outcome**
Successful students will develop a greater ability to evaluate a Clasical text (in translation) critically and intelligently.

Through the careful exploration of the humanities and history of the Romans in their so-called Golden Age (the Late Republic and the Augustan Age) successful students will develop a greater understanding of Classical Roman culture, literature, and politics.

| Title | Tags |
| --- | --- |
| Roman Literature, Philosophy, Warfare, Religion, and Art | 189873, 2 |

**Learning Outcome**
Successful students will learn how Roman literature, philosophy, warfare, religion, and art have influenced the development of later western culture.

| Title | Tags |
| --- | --- |
| Evaluating Classical Texts | 189874, 3 |

**Learning Outcome**
Successful students will develop a greater ability to evaluate a Classical text (in translation) critically and intelligently.

## CL CV 261 - Greek and Roman Civilization and Literature in Film

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CL CV | 261 |

**Teaching Area**
CL CV
**Course Title**
Greek and Roman Civilization and Literature in Film
**Course Description**
Literature and civilization of ancient Greece and Rome as depicted in modern film with attendant problems of accuracy and historicity.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## CL CV 304 - (Cl Cv-Hist 247) Greek History

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CL CV | 304 |

**Teaching Area**
CL CV
**Course Title**
(Cl Cv-Hist 247) Greek History
**Course Description**
Political, economic, social, and intellectual history of Greece from Mycenaean times to the Hellenistic period.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Understanding Classical Culture | 190634, 1 |

Learning Outcome
Through the exploration of films that present Greek and Roman narratives - historical, mythological, contextual - successful students will develop a greater understanding of adaptations of Classical culture, literature, and politics.

| Title | Tags |
| --- | --- |
| Classical Tradition in Cinema | 190635, 2 |

Learning Outcome
Successful students will learn how Classical texts have persistently formed the basis of narrative adaptation throughout the history of cinema, in overt and sometimes surprisingly covert ways.

| Title | Tags |
| --- | --- |
| Evaluating Cinematic Texts | 190636, 3 |

Learning Outcome
Through assigned readings, screenings and individual viewing of films, classroom discussion and written papers, successful students will develop their ability to evaluate cinematic texts critically and intelligently.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Greek Literature Analysis | 189875, 1 |

Learning Outcome
Successful students will be exposed to selections of Greek literature and be able to evaluate those texts as sources for Greek history; critical skills will be improved by the careful treatment of historiographical texts.

| Title | Tags |
| --- | --- |
| Critical Theories | 189876, 3 |

Learning Outcome
Successful students will discuss critical theories that are relevant to the texts treated in class and be able to evaluate and judge the rhetorical complexities facing the various authors discussed and how those authors resolved those complexities as they composed their historical narratives.

| Title | Tags |
| --- | --- |
| Historical Texts and Ancient Historiography | 189877, 4 |

Learning Outcome
Successful students will be able to locate the historical texts treated in class in the context of Classical literature generally and of ancient historiography specifically.

| Title | Tags |
| --- | --- |
| Ancient Greek Historical Sources | 190511, 1 |

Learning Outcome
Successful students will consider available primary sources of information for ancient Greek history and be able to evaluate the reliability of those sources.

## CL CV 307 - (ClCv-Hist 248) Roman History

### Course Information

**Teaching Area (new)**
CL CV

**Course Number**
307

**Teaching Area**
CL CV

**Course Title**
(ClCv-Hist 248) Roman History

**Course Description**
Political, economic, social, and intellectual history of Rome from the foundation of the city to Constantine.

**Department**
Comparative Arts &Letters

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historiography and Historical Evaluation

**Tags**
190277, 1

**Learning Outcome**
Successful students will be exposed to selections of Latin and Greek literature and be able to evaluate those texts as sources for Roman history; students' critical skills will be improved by the careful treatment of historiographical texts.

## CL CV 310 - Classical Archaeology

### Course Information

**Teaching Area (new)**
CL CV

**Course Number**
310

**Teaching Area**
CL CV

**Course Title**
Classical Archaeology

**Course Description**
Major excavations and antiquities of the Mediterranean region illustrating Greco-Roman history.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Knowledge of the History of Classical Archaeology

**Tags**
190637, 1

**Learning Outcome**
Through studying the history of Classical archaeology, from the 18th Century to the present, successful students will develop a greater understanding of how the study of Greek and Roman cultures have shaped modern European and American culture.

**Title**
Evaluating the Artifacts of Classical Culture

**Tags**
190638, 3

**Learning Outcome**
Through assigned readings, classroom discussion and written

papers, successful students will demonstrate their ability to evaluate museum artifacts and archaeological data intelligently.

**Title**
Working with the Artifacts of Classical Culture

**Tags**
190639, 2

**Learning Outcome**
Where appropriate, students will have opportunities to participate in archaeological excavation, preservation, and restoration and to demonstrate the skills required to excavate, preserve, and restore Classical artifacts.

## CL CV 340R - Topics in Classical Literature and Civilization

### Course Information

**Teaching Area (new)**
CL CV

**Course Number**
340R

**Teaching Area**
CL CV

**Course Title**
Topics in Classical Literature and Civilization

**Course Description**
Classical literary genres; rhetorical, philosophical, and historical writings; relationships of art and literature; or the classical tradition in the Middle Ages and Renaissance. Topics vary.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Historical Evaluation | 190581, 1 |

**Learning Outcome**
Through oral reports, examinations, and research papers succcessful students will demonstrate the ability to critically evaluate complex historical issues and to develop original interpretations of those issues.

## CL CV 347 - Survey of Early Christian Literature

### Course Information

**Teaching Area (new)**
CL CV

**Course Number**
347

**Teaching Area**
CL CV

**Course Title**
Survey of Early Christian Literature

**Course Description**
Exploration of the major genres of Early Christian literature from the first four centuries of the Christian era. Investigation of the relationship of this literature to the development of Christian thought and institutions. Topics include the New Testament; Jewish-Christian literature; Gnostic Christian literature; apocryphal gospels, acts, epistles, and apocalypses; polemical literature; lives of saints; and canons and creeds produced by early church councils. Introduction to the methodologies of the discipline, in order to facilitate students' close reading of these texts, culminating in a research project.

**Department**
Comparative Arts &Letters

**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## CL CV 355 - (ClCv-Engl) Greek and Roman Classics and the English Tradition

### Course Information

**Teaching Area (new)**

**Course Number**

## CL CV 363 - Judaism and Christianity in the Classical Near East

### Course Information

**Teaching Area (new)**

**Course Number**

CL CV 355
Teaching Area
CL CV
Course Title
(ClCv-Engl) Greek and Roman Classics and the English Tradition
Course Description
Major works by such authors as Homer, the Greek and Roman tragedians, Thucydides, Vergil, and Petronius in English translation, emphasizing their influence on English and American literature.
Department
Comparative Arts &Letters
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Comprehension | 190406, 0, 0, 2021-09-28 12:34:35 |

Learning Outcome
Successful students will demonstrate, through essays, written examination, and class discussion, a sound incipient understanding of the themes, situations, characters, formal structures, and contexts of representative classical and English texts.

| Title | Tags |
| --- | --- |
| Criticism | 190439, 0, 1, 2021-09-28 12:34:35 |

Learning Outcome
Successful students will demonstrate, through essays and written examination, the ability to practice literary criticism in the field of classical reception.

| Title | Tags |
| --- | --- |
| Literary History | 190400, 0, 2, 2021-09-28 12:34:35 |

CL CV 363
Teaching Area
CL CV
Course Title
Judaism and Christianity in the Classical Near East
Course Description
Historical and cultural contexts of early Judaism and Christianity; analysis of major Jewish and Christian texts produced in classical Near East; methodological emphasis.
Department
Comparative Arts &Letters
When Taught
Winter Odd Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Classical Influence on the History and Culture of the Ancient Near East | 190669, 1 |

Learning Outcome
Know and be able to interpret the significant events and developments in the history and cultures of the ancient Near East, in particular of Second Temple Judaism and Early Christianity in their Hellenistic and Roman contexts.

| Title | Tags |
| --- | --- |
| Ancient Text Interpretation | 190670, 2 |

Learning Outcome
Be able to interpret major ancient Near East texts-including the Bible, Apocrypha, historiography, and early Christian literature-and analyze their significance for understanding the cultures in which they were produced.

Learning Outcome
Successful students will demonstrate, through exams and essays, an incipient understanding of some of the ways that classical literature and culture has shaped, and continues to shape, the development of English literature.

| Title | Tags |
| --- | --- |
| Appreciation | 190335, 0, 3, 2021-09-28 12:34:35 |

Learning Outcome
Successful students will have developed an informed sense of the quality of the texts, of their beauty (or not), of their relevance (or not) to life as a whole, and similar range of experiences which may or may not be demonstrable through academic evaluation.

| Title | Tags |
| --- | --- |
| Critical Reading | 191317, 0, 1, 2021-09-28 12:34:35 |

Learning Outcome
Read critically and analyze selected classical texts in translation in the context of English literature.

| Title | Tags |
| --- | --- |
| Produce Polished and Competent Formal Writing | 191318, 0, 2, 2021-09-28 12:34:35 |

Learning Outcome
Produce polished, competent, formal writing, free from distracting errors in mechanics, syntax, and formatting, and in accordance with MLA formatting and citation guidelines.

| Title | Tags |
| --- | --- |
| Critical Thinking | 190671, 3 |

Learning Outcome
Develop the capacity for informed, independent, critical thinking and be able to perform appropriate library and online research utilized in the professional study of the ancient Near East.

| Title | Tags |
| --- | --- |
| Analytical Writing | 190672, 4 |

Learning Outcome
Be able to write sources analyses and exegetical papers that utilize approaches from the Social Sciences and Humanities and that integrate language and interpretive skills to analyze ancient Near Eastern topics

| Title | Tags |
| --- | --- |
| Academics and Faith | 190673, 5 |

Learning Outcome
Have considered and received affirmation concerning the relationship between academics and faith, and will have been encouraged to engage in a spiritually informed, lifelong pursuit of learning, scholarship, and service.

## CL CV 399R - Museum Internship - Classics

### Course Information

**Teaching Area (new)**
CL CV

**Course Number**
399R

**Teaching Area**
CL CV

**Course Title**
Museum Internship - Classics

**Course Description**
Combined study-work experience related to classical studies majors.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
12 hours of classics course work (Latin, Greek, classical civilization, classcis) at the 300-level and above; classical studies major status.

**Title**
Internship

**Tags**
190685, 1

**Learning Outcome**
The students will utilize a significant range of skills and abilities in a professional setting.

## CL CV 399R - Scholarly Internship - Classics.

### Course Information

**Teaching Area (new)**
CL CV

**Course Number**
399R

**Teaching Area**
CL CV

**Course Title**
Scholarly Internship - Classics.

**Course Description**
Combined study-work experience related to classical studies majors.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
12 hours of classics course work (Latin, Greek, classical civilization, classcis) at the 300-level and above; classical studies major status.

**Title**
Internship

**Tags**
190687, 1

**Learning Outcome**
The students will utilize a significant range of skills and abilities in a professional setting

## CL CV 399R - Library Internship - Classics.

### Course Information

**Teaching Area (new)**
CL CV

**Course Number**
399R

**Teaching Area**
CL CV

**Course Title**
Library Internship - Classics.

**Course Description**
Combined study-work experience related to classical studies majors.

## CL CV 399R - Acadmic Internship in Classics

### Course Information

**Teaching Area (new)**
CL CV

**Course Number**
399R

**Teaching Area**
CL CV

**Course Title**
Acadmic Internship in Classics

**Course Description**
Combined study-work experience related to classical studies majors

**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
12 hours of classics course work (Latin, Greek, classical civilization, classcis) at the 300-level and above; classical studies major status.

| Title | Tags |
| --- | --- |
| Internship | 190686, 1 |

**Learning Outcome**
The students will utilize a significant range of skills and abilities in a professional setting

(museums, libraries, international universities and centers, publishers, etc.).

**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
12 hours of classics course work (Latin, Greek, classical civilization, classcis) at the 300-level and above; classical studies major status.

| Title | Tags |
| --- | --- |
| Practical Experience | 190640, 1 |

**Learning Outcome**
Through a semester- or term-length practicum in a business environment, successful students will strengthen social, communication, and organizational skills essential to competing in the job market after graduation.

| Title | Tags |
| --- | --- |
| Understanding World Cultures | 190641, 2 |

**Learning Outcome**
Where appropriate, successful students will expand personal understanding of world cultures through in-country residence and improvement of foreign language skills.

## CLSCS 297 - Pro-Seminar in Classical Studies

### Course Information

## CLSCS 420 - Ancient Literary Criticism

### Course Information

**Teaching Area (new)** **Course Number**

## Course Information

**Teaching Area (new)**
CLSCS

**Course Number**
297

**Teaching Area**
CLSCS

**Course Title**
Pro-Seminar in Classical Studies

**Course Description**
Mechanics of researching and writing analytical papers in classical studies. Sectional and adjunct professors present seminal sub-disciplines and model research methods. Specialized library resources taught in practicum. Tutorials with faculty underpin focused research questions.

**Department**
Comparative Arts &Letters

**When Taught**
Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Recommended**
Latin 302 or Greek 301

**Title**
Interpretation of Classical Scholarship

**Tags**
190698, 2

**Learning Outcome**
Successful students learn how to evaluate specialized scholarship under the direction of departmental faculty and library research specialists, who introduce students to their own research agenda in the process.

**Title**
Developing and Expressing Original Interpretations of Classical Texts

**Tags**
190699, 3

**Learning Outcome**
Successful students will be able to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly expression original interpretations of these texts

CLSCS 420

**Teaching Area**
CLSCS

**Course Title**
Ancient Literary Criticism

**Course Description**
Survey emphasizing both chief works of the tradition and their practical application to reading of Greek and Latin authors.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 302 - Classical Greek Prose

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 302 - Classical Latin Prose

**Additional Comments:**

**Title**
Reading Greek and Latin

**Tags**
189880, 1

**Learning Outcome**
Successful students will demonstrate competence in reading both Greek and Latin.

**Title**

interpretations of these texts.

| Title | Tags |
| --- | --- |
| Strategies in Scholarship | 190700, 4 |

**Learning Outcome**
Successful students acquire strategies in how to find, read, comprehend, and write about the most important scholarship in more and less particular sub-disciplines of classical scholarship.

| Title | Tags |
| --- | --- |
| Preparing for the Capstone Essay | 190701, 5 |

**Learning Outcome**
Students develop a learning environment with an individual faculty mentor to define and begin to answer a particular research question that will be interesting and answerable in a capstone essay to be written during the senior year (Clscs 497).

| Title | Tags |
| --- | --- |
| Understanding Ancient Speech and Writing | 189881, 2 |

**Learning Outcome**
Successful students will demonstrate an understanding of the ancient disciplines of speech and writing: grammar, rhetoric, poetics, and logic.

| Title | Tags |
| --- | --- |
| Evaluation of Texts | 189882, 3 |

**Learning Outcome**
Successful students will be able to intelligently evaluate select texts-such as Aristotle's Poetics, Cicero's De Oratore, Horace's Ars Poetica, and Quintilian's Institutio Oratoria-through close reading.

| Title | Tags |
| --- | --- |
| Cultural Context | 189883, 4 |

**Learning Outcome**
Successful students will demonstrate an understanding of cultural, intellectual, and politicall history from the fifth century B.C. to the time of St. Augustine, thus creating a context for the study of ancient critical theory.

## CLSCS 430R - (Clscs-Hist) Topics in Ancient Greek and Roman History

### Course Information

**Teaching Area (new)**
CLSCS
**Course Number**
430R
**Teaching Area**
CLSCS
**Course Title**
(Clscs-Hist) Topics in Ancient Greek and Roman History
**Course Description**
Study of the history of Greece and Rome through the examination of primary Greek and Latin historiographical texts and secondary scholarship. Topics vary.
**Department**
Comparative Arts &Letters
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## CLSCS 430R - (Clscs-Hist) Topics in Ancient Roman History

### Course Information

**Teaching Area (new)**
CLSCS
**Course Number**
430R
**Teaching Area**
CLSCS
**Course Title**
(Clscs-Hist) Topics in Ancient Roman History
**Course Description**
Study of the history of Rome through the examination of primary Latin historiographical texts and secondary scholarship. Topics vary.
**Department**
Comparative Arts &Letters
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CL CV 307 - (ClCv-Hist 248) Roman History
  **AND** LATIN 201 - Intermediate Latin

**Additional Comments:**

## CLSCS 430R - (Clscs-Hist) Topics in Ancient Greek History

### Course Information

**Teaching Area (new)**
CLSCS

**Course Number**
430R

**Teaching Area**
CLSCS

**Course Title**
(Clscs-Hist) Topics in Ancient Greek History

**Course Description**
Study of the history of Greece through the examination of primary Greek historiographical texts and secondary scholarship. Topics vary.

**Department**
Comparative Arts &Letters

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## CLSCS 490R - Seminar in Greek Literature

### Course Information

**Teaching Area (new)**
CLSCS

**Course Number**
490R

**Teaching Area**
CLSCS

**Course Title**
Seminar in Greek Literature

**Course Description**
Various topics in Greek literature (e.g. Comparative Epic Poetry, Reception of Greek Literature, Hellenistic Poetry, Rhetoric and Poetics).

**Department**
Comparative Arts &Letters

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## CLSCS 490R - Seminar in Classical Literature

### Course Information

**Teaching Area (new)**
CLSCS

**Course Number**
490R

**Teaching Area**
CLSCS

**Course Title**
Seminar in Classical Literature

**Course Description**
Various topics in Classical literature (e.g. Comparative Epic Poetry, Medieval, Renaissance, and Modern Reception of Classical Literature, Roman Reception of Greek Literature, Rhetoric and Poetics).

**Department**
Comparative Arts &Letters

**When Taught**
Fall and Winter

### Credit Hours

## CLSCS 490R - Seminar in Latin Literature

### Course Information

**Teaching Area (new)**
CLSCS

**Course Number**
490R

**Teaching Area**
CLSCS

**Course Title**
Seminar in Latin Literature

**Course Description**
Various topics in Latin literature (e.g. Comparative Epic Poetry, Reception of Roman Literature, Augustan Poetry, Rhetoric and Poetics).

**Department**
Comparative Arts &Letters

**When Taught**
Fall and Winter

### Credit Hours

Min

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GREEK 201 - Intermediate Greek
  **AND** LATIN 201 - Intermediate Latin

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GREEK 201 - Intermediate Greek

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LATIN 201 - Intermediate Latin

**Additional Comments:**

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## CLSCS 495R - Directed Readings

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CLSCS | 495R |

Teaching Area
CLSCS
Course Title

## CLSCS 497 - Exit Examination in Classical Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CLSCS | 497 |

Teaching Area
CLSCS

Directed Readings

**Course Description**

Students will organize literary texts from Greek and/or Latin traditions into a cogent unit for study and analysis and conduct a thorough investigation into a problem or set of related problems presented by the study unit.

**Department**

Comparative Arts &Letters

**When Taught**

Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**

Contract and instructor's consent.

**Course Title**

Exit Examination in Classical Literature

**Course Description**

Capstone essay culminates undergraduate experience in posing, researching, and writing in consultation with an advisor. Oral exam tests familiarity with a standardized reading list of classical texts. Attendance at weekly lectures expands familiarity with broad questions in classical scholarship.

**Department**

Comparative Arts &Letters

**When Taught**

Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CLSCS 297 - Pro-Seminar in Classical Studies

**Additional Comments:**

**Other Prerequisites**

at least one course in Latin or Greek at 400-level.

**Recommended**

Coursework above 400-level in Latin and/or Greek

**Title**

The Capstone Paper

**Tags**

190703, 2

**Learning Outcome**

Successful students will complete research on and write a capstone paper under the guidance of their chosen member of the Classics faculty. By writing this capstone paper, students will demonstrate 1) the ability to write analytical papers or the equivalent that apply close readings to Latin and Greek literary texts to develop and clearly express original

clearly express original interpretations of these texts nd 2) a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Greece and Rome.

## CMLIT 120R - Discovering the World through Literature

### Course Information

**Course Number**
120R
**Teaching Area**
CMLIT
**Course Title**
Discovering the World through Literature
**Course Description**
General introduction to the practice of attentive reading and literary analysis, with a focus on literary texts and traditions outside the Anglophone United States. The course is centered on a different "big question" or theme each semester.
**Department**
Comparative Arts &Letters
**When Taught**
Fall

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

| Title | Tags |
|---|---|
| Reflection | 213450, 0, 1, 2023-08-29 08:05:59 |

**Learning Outcome**
Articulate the value of analyzing world literature in relation to global and existential questions

| Title | Tags |
|---|---|
| Literary History and Context | 213451, 0, 2, 2023-08-29 08:06:02 |

**Learning Outcome**
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of literature from a variety of language and national literary traditions.

## CMLIT 201 - Civilization: Literature 1

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CMLIT | 201 |

**Teaching Area**
CMLIT
**Course Title**
Civilization: Literature 1
**Course Description**
Western civilization from antiquity to early Italian Renaissance, emphasizing socioeconomic, political, intellectual, and aesthetic developments, with primary focus on literary texts.
**Department**
Comparative Arts &Letters
**When Taught**
Fall; Spring.

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

| Title | Tags |
|---|---|
| Literature and Civilization | 190536, 3 |

**Learning Outcome**
Explain what literature is and how its values are important to the study of Western civilization.

| Title | Tags |
|---|---|
| Literature, History, and | |

| Title | Tags |
| --- | --- |
| Principles and Practices of Literary Analysis | 213452, 0, 3, 2023-08-29 08:06:04 |

**Learning Outcome**
Successful students will read, write, and speak critically and analytically about literary texts and literary theory from a range of cultures

| Title | Tags |
| --- | --- |
| Evaluating Texts | 213453, 0, 4, 2023-08-29 08:06:05 |

**Learning Outcome**
Students will evaluate and interpret literary texts through close reading and articulate a persuasive interpretation through writing assignments

| Philosophy | 190258, 1 |
| --- | --- |

**Learning Outcome**
Show the capability to accurately and intelligently relate literary works to the main historical and philosophical trends of their times.

| Title | Tags |
| --- | --- |
| Critical Analysis and Effective Communication | 190414, 2 |

**Learning Outcome**
Be able to analyze literary texts carefully, critically, coherently, and persuasively, both in discussion and in writing, using the basic tools of literary criticism.

| Title | Tags |
| --- | --- |
| Western Literary History: Ancients through Italian Renaissan | 190521, 0 |

**Learning Outcome**
Demonstrate a sound, general understanding of major literary texts and the intellectual history of Western culture, through the Italian Renaissance.

## CMLIT 202 - Civilization: Literature 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 202 |

**Teaching Area**
CMLIT
**Course Title**
Civilization: Literature 2
**Course Description**
Western civilization from Europe's high Renaissance to the present, emphasizing socioeconomic, political, intellectual, and aesthetic developments, with primary focus on literary texts.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

## CMLIT 211 - Civilization: World Literature 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 211 |

**Teaching Area**
CMLIT
**Course Title**
Civilization: World Literature 1
**Course Description**
Major world civilizations, with an emphasis on comparative study of Asian and other non-Western traditions with Western traditions, from antiquity to 1500 AD, emphasizing socioeconomic, political, intellectual, and aesthetic developments, with primary focus on literary texts.
**Department**
Comparative Arts &Letters
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Literature and Civilization | 190279, 3 |

Learning Outcome
Explain what literature is and how its values are important to the study of Western civilization.

| Title | Tags |
| --- | --- |
| Literature, History, and Philosophy | 190281, 1 |

Learning Outcome
Show the capability to accurately and intelligently relate literary works to the main historical and philosophical trends of their times.

| Title | Tags |
| --- | --- |
| Western Literary History: Renaissance to Present | 190419, 1 |

Learning Outcome
Demonstrate a sound, general understanding of major literary texts and the intellectual history of Western culture, from the Italian Renaissance to the present.

| Title | Tags |
| --- | --- |
| Critical Analysis and Effective Communication | 190510, 2 |

Learning Outcome
Be able to analyze literary texts carefully, critically, coherently, and persuasively, both in discussion and in writing, using the basic tools of literary criticism.

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Global Thinking Skills | 214676, 0, 1 |

Learning Outcome

Students should be able to examine the issues underlying the question of what literature is and how relevant literary production is to both contemporary life and the study of civilizations, both ancient and modern.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 214723, 0, 2 |

Learning Outcome

Students will demonstrate a general, sound understanding of the intellectual and literary history of premodern cultures, both "western" and Asian, studied in class.

Students will also gain the ability to accurately and intelligently relate individual literary works to the greater historical and philosophical contexts from which those works arose.

| Title | Tags |
| --- | --- |
| Historical and Cross-Cultural Perspectives | 214725, 0, 3 |

Learning Outcome

Students should have the background skills to demonstrate a sound, general understanding of the intellectual and literary history of the Western and Asian cultures studied in class, and they will also be able to articulate the relationship between

Western and Asian cultures, and how each influences and conceives of the other.

## CMLIT 212 - Civilization: World Literature 2

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
212

**Teaching Area**
CMLIT

**Course Title**
Civilization: World Literature 2

**Course Description**
Major world civilizations, with an emphasis on comparative study of Asian and other non-Western traditions with Western traditions, from 1500 AD to the present, emphasizing socioeconomic, political, intellectual, and aesthetic developments, with primary focus on literary texts.

**Department**
Comparative Arts &Letters

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Literary Analysis | 208268, 0, 2 |

**Learning Outcome**
By the end of the course, students should be able to analyze literary works from several traditions carefully, critically, coherently, and persuasively, both in discussion and in writing, using basic tools of literary criticism.

| Title | Tags |
|---|---|
| Understanding the Cultural | |

## CMLIT 310 - Introduction to Literary Analysis and Comparative Literature

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
310

**Teaching Area**
CMLIT

**Course Title**
Introduction to Literary Analysis and Comparative Literature

**Course Description**
Methods of literary analysis, emphasizing basic issues of comparative literature and prosody and other problems related to foreign language texts.

**Department**
Comparative Arts &Letters

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Reading knowledge of at least one foreign language

| Title | Tags |
|---|---|
| Comparative Literature Theory | 190014, 2 |

**Learning Outcome**
Articulate major theories of Comparative Literature as an academic discipline.

| Title | Tags |
|---|---|
| Research Methodologies and Tools | 190015, 3 |

**Learning Outcome**

| Value of Literature | 208269, 0, 3 |
|---|---|

**Learning Outcome**
Students will be able to explain what litearture is and how its values are important to the study of world civilizations.

| Title | Tags |
|---|---|
| Historical Knowledge | 208270, 0, 4 |

**Learning Outcome**
Students will demonstrate a general, sound understanding of the intellectual and literary history of the Western and Asian cultures studied in class, and they will also be able to articulate the relationship between Western and Asian cultures and how each influences and conceives of the other.

| Title | Tags |
|---|---|
| Historical and Literary Understanding | 208271, 0, 5 |

**Learning Outcome**
Students will accurately and intelligently relate literary works to the main historical and philosophical trends of their times.

Explain and use methodological tools, including library research.

| Title | Tags |
|---|---|
| Multilingual Explication | 190016, 5 |

**Learning Outcome**
Show an ability to closely explicate literary texts in at least two languages.

| Title | Tags |
|---|---|
| Critical Thinking and Fallacies | 190017, 7 |

**Learning Outcome**
Demonstrate knowledge of the canons of critical thinking, and a grasp of fundamental thinking fallacies.

| Title | Tags |
|---|---|
| Comparative Literature History | 190442, 1 |

**Learning Outcome**
Show an understanding of the history of the discipline.

## CMLIT 320 - Junior Seminar in Comparative Literature

### Course Information

**Course Number**
320
**Teaching Area**
CMLIT
**Course Title**
Junior Seminar in Comparative Literature
**Course Description**
Introduction to methods, theories, and scholarly writing within the discipline of Comparative Literature, including the effective use of foreign language texts, literary theory, and academic secondary sources. Resources and guidelines for research, writing, and public speaking.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Fixed**

## CMLIT 342 - Asian Literary Traditions

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CMLIT | 342 |

**Teaching Area**
CMLIT
**Course Title**
Asian Literary Traditions
**Course Description**
Comparative analysis of Asian literary works spanning several traditions.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

Fixed
3

### Lecture Hours

Fixed
3

Recommended
Mastery of at least one foreign language & CMLIT 310

| Title | Tags |
| --- | --- |
| Contemporary Critical Theory and Interpretation | 213454, 0, 1, 2023-08-29 08:06:13 |

Learning Outcome
Develop a deeper understanding of various contemporary theories about comparative literary analysis.

| Title | Tags |
| --- | --- |
| Analytical Skills | 213455, 0, 2, 2023-08-29 08:06:14 |

Learning Outcome
Improve the ability to discern meaning and importance in literary texts from a variety of language and national literary traditions through close reading analysis

| Title | Tags |
| --- | --- |
| Research and Argumentation | 213456, 0, 3, 2023-08-29 08:06:15 |

Learning Outcome
Improve library research and persuasive argumentation skills through a major literary analysis research paper

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Comparative Literary Analysis | 190018, 1 |

Learning Outcome
Apply basic concepts of comparative literary analysis to course texts.

| Title | Tags |
| --- | --- |
| Asian Literary Traditions | 190019, 2 |

Learning Outcome
Gain familiarity with Asian literary traditions, particularly India, China, and Japan.

| Title | Tags |
| --- | --- |
| Critical Analysis and Writing | 190020, 5 |

Learning Outcome
Demonstrate strong critical reading, writing, and analytical skills across linguistic and national traditions.

## CMLIT 420R - Studies in Periods and Movements

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 420R |

Teaching Area
CMLIT
Course Title
Studies in Periods and Movements
Course Description
Topics vary.
Department
Comparative Arts &Letters
When Taught
Fall Odd Years

## CMLIT 420R - Romanticism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 420R |

Teaching Area
CMLIT
Course Title
Romanticism
Course Description
Texts and topics in Romancticism across linguistic fields and disciplines.
Department
Comparative Arts &Letters
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
CmLit 310 or Hum 350 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Literary Periodization | 191071, 4 |

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the period in question.

| Title | Tags |
| --- | --- |
| Research and Writing | 191072, 5 |

Learning Outcome
Conduct thorough research into a problem specific to the period in question and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191073, 6 |

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the period in question in at least two languages.

## CMLIT 420R - Realism

### Course Information

Teaching Area (new) Course Number

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Literary Periodization | 191083, 2 |

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to Romanticism.

| Title | Tags |
| --- | --- |
| Research and Writing | 191084, 5 |

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- Romanticism -- and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191085, 6 |

Learning Outcome
Show an ability to read, study, research, and write about Romantic literary texts in at least two languages.

## CMLIT 420R - Medieval Literature

### Course Information

Teaching Area (new) Course Number

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 420R |

**Teaching Area**
CMLIT
**Course Title**
Realism
**Course Description**
Problems of literary periodization in Realism.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Literary Periodization | 191076, 1 |

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to Realism.

| Title | Tags |
| --- | --- |
| Research and Writing | 191077, 2 |

**Learning Outcome**
Conduct thorough research into a problem specific to the period in question -- Realism -- and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191078, 3 |

**Learning Outcome**
Show an ability to read, study, research, and write about Realist literary texts in at least two

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 420R |

**Teaching Area**
CMLIT
**Course Title**
Medieval Literature
**Course Description**
Problems of literary periodization in medieval literature.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Literary Periodization | 191057, 1 |

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the European Middle Ages.

| Title | Tags |
| --- | --- |
| Research and Writing | 191058, 2 |

**Learning Outcome**
Conduct thorough research into a problem specific to the period in question -- the European Middle Ages -- and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191059, 3 |

**Learning Outcome**
Show an ability to read, study

literary texts in at least two languages.

Show an ability to read, study, research, and write about literary texts from the European Middle Ages in at least two languages.

## CMLIT 420R - Neoclassicism

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
420R

**Teaching Area**
CMLIT

**Course Title**
Neoclassicism

**Course Description**
Problems of literary periodization in Neoclassicism.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Literary Periodization | 191068, 1 |

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to Neoclassicism.

| Title | Tags |
|---|---|
| Research and Writing | 191069, 2 |

**Learning Outcome**
Conduct thorough research into a problem specific to the period in question -- Neoclassicism --

## CMLIT 420R - 20th-Century Literature

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
420R

**Teaching Area**
CMLIT

**Course Title**
20th-Century Literature

**Course Description**
Problems of literary periodization in the 20th century.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Literary Periodization | 191052, 1 |

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the twentieth century.

| Title | Tags |
|---|---|
| Research and Writing | 191053, 2 |

**Learning Outcome**
Conduct thorough research into a problem specific to the period in question -- the twentieth

and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191070, 3

Learning Outcome
Show an ability to read, study, research, and write about Neoclassical literary texts in at least two languages.

century -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191063, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the twentieth century in at least two languages.

## CMLIT 420R - Modernism

### Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
Modernism

Course Description
Problems of literary periodization in Modernism.

Department
Comparative Arts &Letters

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Literary Periodization

Tags
191065, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with

## CMLIT 420R - 17th-Century Literature

### Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
17th-Century Literature

Course Description
Problems of literary periodization in the 17th century.

Department
Comparative Arts &Letters

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Literary Periodization

Tags
191048, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with

problems, texts, and figures specific to Modernism.

| Title | Tags |
| --- | --- |
| Research and Writing | 191066, 2 |

**Learning Outcome**
Conduct thorough research into a problem specific to the period in question -- Modernism -- and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191067, 3 |

**Learning Outcome**
Show an ability to read, study, research, and write about Modernist literary texts in at least two languages.

problems, texts, and figures specific to European seventeenth century.

| Title | Tags |
| --- | --- |
| Research and Writing | 191049, 2 |

**Learning Outcome**
Conduct thorough research into a problem specific to the period in question -- the European 17th century -- and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191061, 3 |

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts from the European seventeenth century in at least two languages.

## CMLIT 420R - Classics and Early America

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 420R |

**Teaching Area**
CMLIT
**Course Title**
Classics and Early America
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## CMLIT 420R - Postmodernism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 420R |

**Teaching Area**
CMLIT
**Course Title**
Postmodernism
**Course Description**
Problems of literary periodization in Postmodernism.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

Fixed
0

| Title | Tags |
| --- | --- |
| Literary Periodization | 191054, 1 |

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the period or movement at hand.

| Title | Tags |
| --- | --- |
| Research and Writing | 191055, 2 |

Learning Outcome
Conduct thorough research into a problem specific to the period in question and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191064, 3 |

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the period at issue in at least two languages.

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Literary Periodization | 191074, 1 |

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to Postmodernism.

| Title | Tags |
| --- | --- |
| Research and Writing | 191075, 2 |

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- Postmodernism -- and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191079, 3 |

Learning Outcome
Show an ability to read, study, research, and write about Postmodern literary texts in at least two languages.

## CMLIT 420R - 12th-Century Renaissance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 420R |

Teaching Area
CMLIT
Course Title
12th-Century Renaissance
Department
Comparative Arts &Letters
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

## CMLIT 420R - Symbolism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 420R |

Teaching Area
CMLIT
Course Title
Symbolism
Course Description
Problems of literary periodization in Symbolism.
Department
Comparative Arts &Letters
When Taught
Contact Department

### Credit Hours

Min
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Literary Periodization | 191047, 1 |

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the European twelfth century and Middle Ages more broadly.

| Title | Tags |
| --- | --- |
| Research and Writing | 191056, 2 |

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- the European 12th century -- and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191060, 3 |

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the European 12th century in at least two languages.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Literary Periodization | 191086, 1 |

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to Symbolism.

| Title | Tags |
| --- | --- |
| Research and Writing | 191087, 2 |

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- Symbolism -- and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research and Writing | 191088, 3 |

Learning Outcome
Show an ability to read, study, research, and write about Symbolist literary texts in at least two languages.

## CMLIT 420R - Renaissance Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 420R |

Teaching Area
CMLIT
Course Title
Renaissance Literature

## CMLIT 420R - 18th-Century Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 420R |

Teaching Area
CMLIT
Course Title
18th-Century Literature

**Course Description**
Problems of literary periodization in Renaissance literature.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Literary Periodization | 191080, 1 |

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the European Renaissance.

| Title | Tags |
|---|---|
| Research and Writing | 191081, 2 |

**Learning Outcome**
Conduct thorough research into a problem specific to the period in question -- the European Renaissance -- and write in a professional, scholarly manner about it.

| Title | Tags |
|---|---|
| Multilingual Study, Research, and Writing | 191082, 3 |

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts from the European Renaissance in at least two languages.

**Course Description**
Problems of literary periodization in the 18th century.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Literary Periodization | 191050, 1 |

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the eighteenth century.

| Title | Tags |
|---|---|
| Research and Writing | 191051, 2 |

**Learning Outcome**
Conduct thorough research into a problem specific to the period in question -- the eighteenth century -- and write in a professional, scholarly manner about it.

| Title | Tags |
|---|---|
| Multilingual Study, Research, and Writing | 191062, 3 |

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts from the eighteenth century in at least two languages.

## CMLIT 430R - Comedy

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
430R

**Teaching Area**
CMLIT

**Course Title**
Comedy

**Course Description**
History and theory of comedy.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Research and Writing

**Tags**
190707, 2

**Learning Outcome**
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

**Title**
Concepts and Issues in Literary Form

**Tags**
191089, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to comedy.

## CMLIT 430R - Epic

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
430R

**Teaching Area**
CMLIT

**Course Title**
Epic

**Course Description**
History and theory of epic.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Research and Writing

**Tags**
190705, 2

**Learning Outcome**
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

**Title**
Concepts and Issues in Literary Form

**Tags**
191091, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to epic.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191090, 3 |

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191092, 3 |

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 430R - Studies in Literary Genres

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 430R |

**Teaching Area**
CMLIT
**Course Title**
Studies in Literary Genres
**Course Description**
Various genres (e.g., novel, epic, tragedy) and problems of genre. Topics vary.
**Department**
Comparative Arts &Letters
**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
CmLit 310 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Concepts and Issues in Literary Form | 191093, 1 |

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the genre at hand.

## CMLIT 430R - The Romance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 430R |

**Teaching Area**
CMLIT
**Course Title**
The Romance
**Course Description**
History and theory of romance.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Research and Writing | 190708, 2 |

**Learning Outcome**
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Concepts and Issues in Literary Form | 191109, 1 |

Title
Research and Writing

Tags
191094, 2

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191095, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 430R - Poetry and Poetics

### Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
Poetry and Poetics

Department
Comparative Arts &Letters

When Taught
Contact Department

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Title
Concepts and Issues in Literary Form

Tags
190709, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the Romance.

Title
Multilingual Study, Research, and Writing

Tags
191110, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 430R - Renaissance Novella

### Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
Renaissance Novella

Course Description
History and theory of short prose narratives from Boccaccio.

Department
Comparative Arts &Letters

When Taught
Contact Department

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Title
Concepts and Issues in Literary

Tags

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the genre at hand.

| Title | Tags |
| --- | --- |
| Research and Writing | 190710, 2 |

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191099, 3 |

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

| | |
| --- | --- |
| Form | 191103, 1 |

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the Renaissance novella.

| Title | Tags |
| --- | --- |
| Research and Writing | 191104, 2 |

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191105, 3 |

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 430R - Novel

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 430R |

Teaching Area
CMLIT
Course Title
Novel
Course Description
History and theory of long prose narrative.
Department
Comparative Arts &Letters
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

## CMLIT 430R - Lyric

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 430R |

Teaching Area
CMLIT
Course Title
Lyric
Course Description
Problems of lyric poetry.
Department
Comparative Arts &Letters
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Research and Writing | 190706, 2 |

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Concepts and Issues in Literary Form | 191097, 1 |

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the novel.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191098, 3 |

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Research and Writing | 190021, 3 |

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 190022, 8 |

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

| Title | Tags |
| --- | --- |
| Concepts and Issues in Literary Form | 191096, 2 |

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to lyric poetry.

## CMLIT 430R - Poetry of Americas

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 430R |

Teaching Area
CMLIT
Course Title
Poetry of Americas
Course Description
Problems of poetry across the Americas.
Department
Comparative Arts &Letters
When Taught
Contact Department

### Credit Hours

Min
3

## CMLIT 430R - Tragedy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 430R |

Teaching Area
CMLIT
Course Title
Tragedy
Course Description
History and theory of tragedy.
Department
Comparative Arts &Letters
When Taught
Contact Department

### Credit Hours

Min
3

3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Concepts and Issues in Literary Form

**Tags**
191100, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the genre at hand.

**Title**
Research and Writing

**Tags**
191101, 2

**Learning Outcome**
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

**Title**
Multilingual Study, Research, and Writing

**Tags**
191102, 3

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Research and Writing

**Tags**
190704, 2

**Learning Outcome**
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

**Title**
Concepts and Issues in Literary Form

**Tags**
191111, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to Tragedy.

**Title**
Multilingual Study, Research, and Writing

**Tags**
191112, 3

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 440R - Arthurian Literature

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
440R

**Teaching Area**
CMLIT

**Course Title**
Arthurian Literature

**Course Description**
History and development of Arthurian theme.

## CMLIT 440R - Ulysses Theme

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
440R

**Teaching Area**
CMLIT

**Course Title**
Ulysses Theme

**Course Description**
History and development of Ulysses theme.

**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Title**
Concepts and Issues in Literary Thematics

**Tags**
191115, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary thematics, showing an ability to deal with problems, texts, and figures specific to Arthurian literature.

**Title**
Research and Writing

**Tags**
191116, 2

**Learning Outcome**
Conduct thorough research into a problem from Arthurian literature and write in a professional, scholarly manner about it.

**Title**
Multilingual Study, Research, and Writing

**Tags**
191117, 3

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Title**
Concepts and Issues in Literary Thematics

**Tags**
191124, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary thematics, showing an ability to deal with problems, texts, and figures specific to the Ulysses theme.

**Title**
Research and Writing

**Tags**
191125, 2

**Learning Outcome**
Conduct thorough research into a problem from the Ulysses theme and write in a professional, scholarly manner about it.

**Title**
Multilingual Study, Research, and Writing

**Tags**
191126, 3

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 440R - Don Juan Theme

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
440R

**Teaching Area**
CMLIT

**Course Title**
Don Juan Theme

**Course Description**
History and development of Don Juan theme.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Multilingual Study, Research, and Writing

**Tags**
190023, 8

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

**Title**
Concepts and Issues in Literary Thematics

**Tags**
191113, 2

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary thematics, showing an ability to deal with problems, texts, and figures specific to the Don Juan theme.

**Title**
Scholarly Research and Writing

**Tags**
191114, 3

## CMLIT 440R - Studies in Themes and Types

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
440R

**Teaching Area**
CMLIT

**Course Title**
Studies in Themes and Types

**Course Description**
Major literary themes (e.g., Faust, Don Juan, Ulysses, Arthur), types, motifs, and problems of literary typology. Topics vary.

**Department**
Comparative Arts &Letters

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Concepts and Issues in Literary Thematics

**Tags**
191121, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary thematics, showing an ability to deal with problems, texts, and figures specific to the thematological topic at hand.

**Title**
Research and Writing

**Tags**
191122, 2

**Learning Outcome**
Conduct thorough research into a problem of literary thematics and write in a professional, scholarly manner about it.

**Title**

Learning Outcome
Conduct thorough research into a problem from the Don Juan theme and write in a professional, scholarly manner about it.

Multilingual Study, Research, and Writing

Tags
191123, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 440R - Faust Theme

### Course Information

Teaching Area (new)
CMLIT

Course Number
440R

Teaching Area
CMLIT

Course Title
Faust Theme

Course Description
History and development of Faust theme.

Department
Comparative Arts &Letters

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Concepts and Issues in Literary Thematics

Tags
191118, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary thematics, showing an ability to deal with problems, texts, and figures specific to the Faust theme.

Title

Tags

## CMLIT 450R - Literature and Myth

### Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Literature and Myth

Course Description
Interrelationship of literary study and study of myth.

Department
Comparative Arts &Letters

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Concepts and Issues in Literary Relations

Tags
191147, 2

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

Title

Tags

Research and Writing 191119, 2

Learning Outcome
Conduct thorough research into a problem from the Faust theme and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191120, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

Research and Writing 191148, 3

Learning Outcome
Conduct thorough research into a problem of relationship between literature and myth and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191149, 4

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 450R - Symbolism

### Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Symbolism

Department
Comparative Arts &Letters

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Scholarly Research and Writing

Tags
190712, 2

Learning Outcome
Conduct thorough research into a problem of the relationships between literary texts, or

## CMLIT 450R - U.S. and Carribean Literature

### Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
U.S. and Carribean Literature

Department
Comparative Arts &Letters

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Concepts and Issues in Literary Relations

Tags
191153, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and

between literary texts, or between literature on the one hand and other areas of human knowledge on the other, and write in a professional, scholarly manner about it.

sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

**Title**
Multilingual Study, Research, and Writing

**Tags**
190713, 3

**Learning Outcome**
Show an ability to read, study, research, and write about texts in at least two languages.

**Title**
Research and Writing

**Tags**
191154, 2

**Learning Outcome**
Conduct thorough research into a problem of literary relations and write in a professional, scholarly manner about it.

**Title**
Concepts and Issues in Literary Relations

**Tags**
191152, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of the relationship between literary texts, as well as the relationship between literature and other areas of human knowledge.

**Title**
Multilingual Study, Research, and Writing

**Tags**
191155, 3

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 450R - Vergil, Augustine, and Dante

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
450R

**Teaching Area**
CMLIT

**Course Title**
Vergil, Augustine, and Dante

**Course Description**
Literary influence, originality, status of classic.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## CMLIT 450R - Asian Literature Traditions

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
450R

**Teaching Area**
CMLIT

**Course Title**
Asian Literature Traditions

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Title
Concepts and Issues in Literary Relations

Tags
191156, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

Title
Research and Writing

Tags
191157, 2

Learning Outcome
Conduct thorough research into a problem of literary relations and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191158, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 450R - Literature and Cinema

### Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Literature and Cinema

Course Description
Interrelationship of literary and cinematic art, problems of adaptation.

Department
Comparative Arts &Letters

When Taught
Contact Department

### Credit Hours

Min

### Lab Hours

Fixed
0

## CMLIT 450R - Literature of Sensibility.

### Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Literature of Sensibility.

Department
Comparative Arts &Letters

When Taught
Contact Department

### Credit Hours

Min
3

3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Concepts and Issues in Literary Relations

Tags
191130, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and film.

Title
Research and Writing

Tags
191131, 2

Learning Outcome
Conduct thorough research into a problem of the relationship between literature and film and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191132, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts and films in at least two languages.

## CMLIT 450R - East-West Relations

### Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Concepts and Issues in Literary Relations

Tags
191136, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

Title
Research and Writing

Tags
191137, 2

Learning Outcome
Conduct thorough research into a problem of literary relations and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191138, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 450R - Literature and Politics

### Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title

East-West Relations

**Course Description**

Relationship of Western and Eastern literary traditions and theories of literature.

**Department**

Comparative Arts &Letters

**When Taught**

Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Concepts and Issues in Literary Relations

**Tags**
191127, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

**Title**
Research and Writing

**Tags**
191128, 2

**Learning Outcome**
Conduct thorough research into a problem of relationship between eastern and western literature and write in a professional, scholarly manner about it.

**Title**
Multilingual Study, Research, and Writing

**Tags**
191129, 3

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

Literature and Politics

**Course Description**

Interrelationship of literary art with political science.

**Department**

Comparative Arts &Letters

**When Taught**

Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Concepts and Issues in Literary Relations

**Tags**
191133, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and politics.

**Title**
Research and Writing

**Tags**
191134, 2

**Learning Outcome**
Conduct thorough research into a problem of the relationship between literature and politics and write in a professional, scholarly manner about it.

**Title**
Multilingual Study, Research, and Writing

**Tags**
191135, 3

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

## CMLIT 450R - Wagner and Wagnerism

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
450R

**Teaching Area**
CMLIT

**Course Title**
Wagner and Wagnerism

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Concepts and Issues in Literary Relations

**Tags**
191159, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

**Title**
Research and Writing

**Tags**
191160, 2

**Learning Outcome**
Conduct thorough research into a problem of literary relations and write in a professional, scholarly manner about it.

## CMLIT 450R - Literature and History

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
450R

**Teaching Area**
CMLIT

**Course Title**
Literature and History

**Course Description**
Interrelationship of literary and historical study.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Multilingual Study, Research and Writing

**Tags**
190711, 3

**Learning Outcome**
Show an ability to read, study, research, and write about texts in at least two languages.

**Title**
Concepts and Issues in Literary Relations

**Tags**
191142, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and history.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191161, 3 |

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

| Title | Tags |
| --- | --- |
| Scholarly Research and Writing | 191143, 2 |

Learning Outcome
Conduct thorough research into a problem of the relationships between literary texts, or between literature on the one hand and history on the other, and write in a professional, scholarly manner about it.

## CMLIT 450R - Studies in Literary Relations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 450R |

Teaching Area
CMLIT
Course Title
Studies in Literary Relations
Course Description
Interrelations of national literatures and figures and of literature with other areas of knowledge (art, history, law, psychology, music, etc.). Topics vary.
Department
Comparative Arts &Letters
When Taught
Fall Odd Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
CmLit 310 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Concepts and Issue in Literary Relations | 191139, 1 |

Learning Outcome
Articulate with considerable sophistication basic concepts and

## CMLIT 450R - Philosophy and Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 450R |

Teaching Area
CMLIT
Course Title
Philosophy and Literature
Course Description
Interrelationship of literary art with philosophical issues.
Department
Comparative Arts &Letters
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 190024, 6 |

Learning Outcome
Show an ability to read, study, research, and write about texts in at least two languages.

sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

| Title | Tags |
| --- | --- |
| Research and Writing | 191140, 2 |

**Learning Outcome**
Conduct thorough research into a problem of literary relations and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191141, 3 |

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

| Title | Tags |
| --- | --- |
| Concepts and Issues in Literary Relations | 191150, 1 |

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and philosophy.

| Title | Tags |
| --- | --- |
| Scholarly Research and Writing | 191151, 3 |

**Learning Outcome**
Conduct thorough research into a problem of the relationship between literature and philosophy, and write in a professional, scholarly manner about it.

## CMLIT 450R - Literature and Music

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 450R |

**Teaching Area**
CMLIT
**Course Title**
Literature and Music
**Course Description**
Interrelationship of literary and musical art, problems of meaning.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## CMLIT 460R - Classical Rhetoric and Criticism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CMLIT | 460R |

**Teaching Area**
CMLIT
**Course Title**
Classical Rhetoric and Criticism
**Course Description**
Foundational texts in literary theory from ancient Greece and Rome.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Fixed**
0

**Title**
Concepts and Issues in Literary Relations

**Tags**
191144, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and music.

**Title**
Research and Writing

**Tags**
191145, 2

**Learning Outcome**
Conduct thorough research into a problem of the relationship between literature and music and write in a professional, scholarly manner about it.

**Title**
Multilingual Study, Research, and Writing

**Tags**
191146, 3

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts in at least two languages.

### Lab Hours

**Fixed**
0

**Title**
Concepts and Issues in Literary Theory

**Tags**
190025, 2

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

**Title**
Scholarly Research and Writing

**Tags**
190026, 3

**Learning Outcome**
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

**Title**
Multilingual Study, Research, and Writing

**Tags**
191162, 8

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

## CMLIT 460R - Kierk and Rom Irony

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
460R

**Teaching Area**
CMLIT

**Course Title**
Kierk and Rom Irony

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## CMLIT 460R - Studies in Literary Theory

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
460R

**Teaching Area**
CMLIT

**Course Title**
Studies in Literary Theory

**Course Description**
Topics vary.

**Department**
Comparative Arts &Letters

**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Concepts and Issues in Literary Theory

Tags
191169, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

Title
Research and Writing

Tags
191170, 2

Learning Outcome
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191171, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

## CMLIT 460R - Historical Literary Theory

### Course Information

Teaching Area (new)
CMLIT

Course Number
460R

Teaching Area
CMLIT

Course Title

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
CmLit 310 or concurrent enrollment.

Title
Concepts and Issues in Literary Theory

Tags
191172, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

Title
Research and Writing

Tags
191173, 2

Learning Outcome
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191174, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

## CMLIT 460R - Contemporary Theory

### Course Information

Teaching Area (new)
CMLIT

Course Number
460R

Teaching Area
CMLIT

Course Title

Historical Literary Theory

**Course Description**
History and development of literary theory from classical world to present.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Concepts and Issues in Literary Theory | 191166, 1 |

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of history of literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

| Title | Tags |
| --- | --- |
| Research and Writing | 191167, 2 |

**Learning Outcome**
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191168, 3 |

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

Contemporary Theory

**Course Description**
Problems in contemporary theory; topics vary.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Concepts and Issues in Literary Theory | 191163, 1 |

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of contemporary literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

| Title | Tags |
| --- | --- |
| Research and Writing | 191164, 2 |

**Learning Outcome**
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

| Title | Tags |
| --- | --- |
| Multilingual Study, Research, and Writing | 191165, 3 |

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

## CMLIT 460R - Practical Criticism

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
460R

**Teaching Area**
CMLIT

**Course Title**
Practical Criticism

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Concepts and Issues in Literary Theory

**Tags**
190714, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

**Title**
Scholarly Research and Writing

**Tags**
190715, 2

**Learning Outcome**
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

## CMLIT 495R - Directed Readings

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
495R

**Teaching Area**
CMLIT

**Course Title**
Directed Readings

**Course Description**
Course set up only in special circumstances and by permission for focused study of a topic in comparative literature.

**Department**
Comparative Arts &Letters

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Title**
Literary Organization and Analysis

**Tags**
190503, 1

**Learning Outcome**
Show an ability to organize literary texts from at least three language traditions into a cogent unit for study and analysis.

**Title**
Research

**Tags**
190648, 1

**Learning Outcome**
Conduct a thorough investigation into a problem or set of related problems presented by the study unit.

**Title**
Multilingual Study, Research, and Writing

**Tags**
191175, 3

**Learning Outcome**
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

## CMLIT 497 - Reading List Examination

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
497

**Teaching Area**
CMLIT

**Course Title**
Reading List Examination

**Course Description**
Capstone essay based on individual reading list, demonstrating achievement of program outcomes.

**Department**
Comparative Arts &Letters

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CMLIT 310 - Introduction to Literary Analysis and Comparative Literature
  **AND** CMLIT 342 - Asian Literary Traditions

**Additional Comments:**

## CMLIT 590R - Directed Readings

### Course Information

**Teaching Area (new)**
CMLIT

**Course Number**
590R

**Teaching Area**
CMLIT

**Course Title**
Directed Readings

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate coordinator`s consent

**Title**
articulate

**Tags**
190555, 1

**Learning Outcome**
Articulate with considerable sophistication basic concepts and issues in the study of literary texts across linguistic and national boundaries.

**Title**
understand and analyze

**Tags**
190649, 0

**Learning Outcome**
Show an ability to understand and analyze literary texts in at least two languages.

**Other Prerequisites**
Three 400-level seminars

| Title | Tags |
| --- | --- |
| Comparative Literature Reading List | 190027, 3 |

**Learning Outcome**
Demonstrate thorough knowledge of the Comparative Literature B.A. reading list.

| Title | Tags |
| --- | --- |
| Scholarly Research and Writing | 190028, 2 |

**Learning Outcome**
Prepare a detailed piece of scholarly research and writing based upon four to six texts chosen by faculty supervisors.

## COMD 133 - Introduction to Speech-Language Pathology and Audiology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMD | 133 |

**Teaching Area**
COMD
**Course Title**
Introduction to Speech-Language Pathology and Audiology
**Course Description**
Overview of communication disorders, assessment strategies, and treatments.
**Department**
Communication Disorders
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## COMD 211 - Language Science

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMD | 211 |

**Teaching Area**
COMD
**Course Title**
Language Science
**Course Description**
Morphology, syntax, and semantic roles in language of children and adults; uses both manual and computer-assisted methods.
**Department**
Communication Disorders
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Clinical Applications | 177250, 2 |

**Learning Outcome**
Demonstrate an initial understanding of the clinical applications of the fields of speech-language pathology and audiology.

| Title | Tags |
| --- | --- |
| Basic Concepts and Terms | 177251, 3 |

**Learning Outcome**
Demonstrate understanding of some basic concepts and terms associated with the practice of speech-language pathology and audiology.

| Title | Tags |
| --- | --- |
| Familiarity with Disorders and Professions | 177252, 4 |

**Learning Outcome**
Demonstrate basic familiarity with a variety of communication disorders and the professions of speech-language pathology and audiology.

| Title | Tags |
| --- | --- |
| Human Communication and Systems | 177324, 1 |

**Learning Outcome**
Demonstrate basic understanding of human communication and the systems involved.

**Learning Outcome**
Discuss English sentence structure and its development in children using common descriptive terms.

**Learning Outcome**
Examine a transcript of a client's language sample and evaluate evidence that the client can use various syntactic constructions.

## COMD 213 - Hearing Science and Acoustics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMD | 213 |

**Teaching Area**
COMD
**Course Title**
Hearing Science and Acoustics
**Course Description**
Hearing anatomy, physiology, and science.
**Department**
Communication Disorders
**When Taught**
Fall, Winter

## COMD 215 - Speech Anatomy & Physiology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMD | 215 |

**Teaching Area**
COMD
**Course Title**
Speech Anatomy & Physiology
**Course Description**
Basic anatomy and physiology of speech mechanisms.
**Department**
Communication Disorders
**When Taught**
Fall, Winter

Fall, Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PHSCS 167 - Descriptive Acoustics of Music and Speech

**Additional Comments:**

**Learning Outcome**
Acoustics, Sound, and Psychoacoustics: Students will demonstrate an understanding of basic acoustic concepts including the fundamental physics of sound waves and their reception.

**Learning Outcome**
Decibels and Conversions: Students will demonstrate an understanding of the decibel and demonstrate the ability to convert among various reference systems.

**Learning Outcome**
Anatomy and Physiology of the Auditory Mechanism:Students will demonstrate an understanding of the collection, transmission, conversion, and processing of sound from the outer-ear to the cerebral cortex.

Fall, Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Learning Outcome**
Students will demonstrate competent knowledge of the basic elements of anatomy.

**Learning Outcome**
Students will demonstrate competent knowledge of the anatomy and physiology of respiration.

**Learning Outcome**
Students will demonstrate competent knowledge of the anatomy and physiology of phonation.

**Learning Outcome**
Students will demonstrate competent knowledge of the anatomy of articulation and resonation.

**Learning Outcome**
Students will demonstrate competent knowledge of the neuroanatomical and neurophysiological correlates of speech.

## COMD 321 - Language Development

### Course Information

**Teaching Area (new)**
COMD
**Course Number**
321
**Teaching Area**
COMD
**Course Title**
Language Development
**Course Description**
Overview of how children acquire language, including its relationship to cognitive, neural, and social development; child language development from infancy through adolescence; bilingual language development.
**Department**
Communication Disorders
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- COMD 211 - Language Science

**Additional Comments:**

**Learning Outcome**
Demonstrate knowledge of the major theories of language development (social interactionist, linguistic, emergentism).

## COMD 323 - Hearing Tests and Measures

### Course Information

**Teaching Area (new)**
COMD
**Course Number**
323
**Teaching Area**
COMD
**Course Title**
Hearing Tests and Measures
**Course Description**
Theory and practice of auditory assessment.
**Department**
Communication Disorders
**When Taught**
Fall, Winter, and Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMD 213 - Hearing Science and Acoustics

**Additional Comments:**

**Learning Outcome**
Become proficient in the administration of standard audiological testing in adults and older childrenas a foundation for clinical practice.

**Learning Outcome**

Learning Outcome
Define the major components of language (syntax, semantic, phonology, morphology, & pragmatics).

Learning Outcome
Demonstrate knowledge of how cultural factors influence first and second language development.

Learning Outcome
Demonstrate knowledge of the developmental sequence of pragmatic, semantic, syntactic, and morphologic language behaviors in production and comprehension modalities.

Learning Outcome
Demonstrate knowledge of the development of literacy.

Learning Outcome
Demonstrate a theoretical and practical knowledge of hearing tests and measurements in the field of communicative disordersas a foundation for clinical practice.

Learning Outcome
Demonstrate an understanding of the role of hearing and hearing disorders to the broader area of communication disordersas a foundation for clinical practice.

## COMD 325 - Clinical Phonetics

### Course Information

**Teaching Area (new)**
COMD
**Course Number**
325
**Teaching Area**
COMD
**Course Title**
Clinical Phonetics
**Course Description**
Transcription and analysis of normal and disordered sound production.
**Department**
Communication Disorders
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## COMD 335 - Introduction to Speech Sound Disorders

### Course Information

**Teaching Area (new)**
COMD
**Course Number**
335
**Teaching Area**
COMD
**Course Title**
Introduction to Speech Sound Disorders
**Course Description**
Causes and characteristics of speech sound disorders; techniques for diagnosis, assessment, and treatment.
**Department**
Communication Disorders
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- COMD 215 - Speech Anatomy & Physiology

**Additional Comments:**

**Learning Outcome**
Students will apply the basic elements of phonetics.

**Learning Outcome**
Students will apply clinical phonetic skills and knowledge to the production and transcription of vowel sounds in American English.

**Learning Outcome**
Students will apply clinical phonetic skills and knowledge to the production and transcription of consonant sounds in American English.

**Learning Outcome**
Students will apply clinical phonetic skills and knowledge to the production and transcription of the suprasegmental aspects of speech.

**Learning Outcome**
Students will apply clinical phonetic skills and knowledge to the transcription of disordered speech and dialect variation.

**Learning Outcome**
Students will adapt their use of clinical phonetics to accommodate for culturally and linguistically diverse (CLD) populations of varying ages and differing levels of disability.

3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMD 325 - Clinical Phonetics

**Additional Comments:**

**Learning Outcome**
Demonstrate knowledge regarding the nature of speech sound disorders, including their etiologies, characteristics, anatomical/physiological, acoustic, psychological, developmental, linguistic, and cultural correlates.

**Learning Outcome**
Demonstrate knowledge regarding the principles and methods of the assessment of speech sound disorders, using both formalized and non-formalized methods.

**Learning Outcome**
Demonstrate knowledge regarding the principles and methods of speech sound disorders intervention.

**Learning Outcome**
Students will apply the basic elements of phonetics.

## COMD 370 - Medical Speech Pathology

### Course Information

**Teaching Area (new)**
COMD
**Course Number**
370
**Teaching Area**
COMD
**Course Title**
Medical Speech Pathology
**Course Description**
Genetic, gestational, and neurogenic factors related to communication disorders in children and adults; role of the speech-language pathologist in medical teams.
**Department**
Communication Disorders
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Learning Outcome**
Demonstrate preparation for graduate coursework in organic and neurologic communication and swallowing disorders.

**Learning Outcome**
Describe the collaborative role of the SLP on professional teams in medical settings.

## COMD 420 - Neurofoundations of Language, Speech, and Hearing

### Course Information

**Teaching Area (new)**
COMD
**Course Number**
420
**Teaching Area**
COMD
**Course Title**
Neurofoundations of Language, Speech, and Hearing
**Course Description**
Neuroanatomy and neurophysiology underlying normal and impaired language, speech, and hearing processes.
**Department**
Communication Disorders
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- COMD 215 - Speech Anatomy & Physiology
  **AND** COMD 213 - Hearing Science and Acoustics

**Additional Comments:**

**Title** **Tags**
Building Blocks 173277-1

Learning Outcome
Describe the causes and characteristics of TBI, aphasia, voice disorders, motor speech disorders and swallowing disorders, and describe several treatment approaches used for those disorder areas by speech-language pathologists.

| Title | Tags |
| --- | --- |
| Building Blocks | 177277, 1 |

Learning Outcome
Demonstrate knowledge of the basic building blocks from cell to brain as those building blocks contribute to the areas of speech, language, and hearing.

| Title | Tags |
| --- | --- |
| Neural System Integration | 177278, 0, 2 |

Learning Outcome
Demonstrate the ability to integrate various neural systems and their interaction as the central nervous system formulates and modifies neural information in the processing of speech, language, and hearing as part of their clinical foundation.

| Title | Tags |
| --- | --- |
| Theoretical Model | 177279, 0, 3 |

Learning Outcome
Be able to construct a theoretical model of neurological involvement in peripheral and central disorders involving speech, language, and hearing function as part of their clinical foundation.

## COMD 431 - Developmental Language Disorders

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMD | 431 |

Teaching Area
COMD
Course Title
Developmental Language Disorders
Course Description
Causes and characteristics of language impairment; techniques for diagnosis, assessment, and treatment of language disorders.
Department
Communication Disorders
When Taught
Fall; Winter.

### Credit Hours

Min
3

Fixed
3

## COMD 433 - Aural Rehabilitation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMD | 433 |

Teaching Area
COMD
Course Title
Aural Rehabilitation
Course Description
Basic principles of hearing assessment and aural rehabilitation in children from birth to eight years.
Department
Communication Disorders
When Taught
Fall, Winter, and Spring

### Credit Hours

Min
3

Fixed
3

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- COMD 321 - Language Development
  **AND** COMD 211 - Language Science

**Additional Comments:**

Learning Outcome
Demonstrate knowledge of the linguistic, academic, and social problems associated with developmental language disorder.

Learning Outcome
Describe general models of developmental language disorder.

Learning Outcome
Describe service delivery issues in the assessment of developmental language disorder.

Learning Outcome
Demonstrate knowledge of assessment procedures to perform the following tasks: screening, qualifying a child for intervention services, determining goals in intervention, predicting the need for future intervention, and measuring progress in intervention.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- COMD 323 - Hearing Tests and Measures

**Additional Comments:**

Learning Outcome
Define aural rehabilitation and explain why the service is critical for those who have a hearing impairment.

Learning Outcome
Discuss the psychosocial aspects of hearing loss, including the impact on the individual and the family.

Learning Outcome
Describe the diagnostic procedures needed as part of a comprehensive AR program, including the diagnosis of hearing loss and rehabilitation by means of amplification, cochlear implants, and other assistive devices.

Learning Outcome
Describe several approaches to the treatment of developmental language disorder (e.g., focused stimulation).

## COMD 445 - Speech Science

### Course Information

**Teaching Area (new)**
COMD

**Course Number**
445

**Teaching Area**
COMD

**Course Title**
Speech Science

**Course Description**
Laboratory investigation of scientific bases of normal and disordered speech perception and production; for audiologists and speech language pathologists.

**Department**
Communication Disorders

**When Taught**
Fall; Winter.

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMD 325 - Clinical Phonetics
  **AND** COMD 213 - Hearing Science and Acoustics

**Additional Comments:**

Learning Outcome
Demonstrate knowledge and competence in basic principles of

## COMD 450 - Professional Practices

### Course Information

**Teaching Area (new)**
COMD

**Course Number**
450

**Teaching Area**
COMD

**Course Title**
Professional Practices

**Course Description**
Overview of issues related to clinical practice in public schools and other settings.

**Department**
Communication Disorders

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMD 431 - Developmental Language Disorders

**Additional Comments:**

**Title**
Demonstrating Knowledge of Contemporary Professional Issues with respect and civility

**Tags**
177370, 0, 1

speech production, including acoustic and physiological aspects and their measurement.

**Learning Outcome**
Explain principles and methods of quantifying a variety of speech disorders, based on a sound grasp of the physiologic basis of normal function, with a goal of documenting treatment outcomes.

**Learning Outcome**
Show understanding of the application of principles from the current research literature in measuring speech performance in preparation for participating in evidence-based practice.

**Learning Outcome**
Students will demonstrate knowledge of current professional issues: including critical thinking, professional communication, ethics, multiculturalism, diversity, service delivery areas, scope of practice, advocacy, legal rights, and current certification standards through class discussion, presentations, class writings, other application activities, while engaging in respectful and civil dialogue and professional behavior in the course learning community.

**Title**
Applying the BYU aims to professional practices

**Tags**
177367, 0, 2

**Learning Outcome**
Students will understand, apply and interleave the BYU aims to contemporary professional practice issues and recognize the synergy of individual behaviors that are spiritually strengthening, intellectually enlarging, character building leading to lifelong learning and service in their personal and professional lives.

**Title**
Integrating Personal Leadership skills and decision making for future career

**Tags**
177368, 0, 3

**Learning Outcome**
Students will demonstrate personal leadership skills for career decision making and understand professional resources available to them including required certification standards and processes for a career in Speech Language Pathology and or Audiology. Students will also demonstrate understanding of the benefits of their undergraduate education that extend beyond the fields of Speech-Language Pathology and Audiology.

## COMD 460 - Capstone Clinical Methods and Observation

## COMD 493R - Readings

## Observation

### Course Information

**Course Number**
460
**Teaching Area**
COMD
**Course Title**
Capstone Clinical Methods and Observation
**Course Description**
Students will engage in guided clinical observations to learn practical clinical methods in the field of audiology and speech language pathology. Students will also become proficient in understanding and applying the ASHA Code of Ethics, and will learn basic professional writing skills.
**Department**
Communication Disorders
**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- COMD 323 - Hearing Tests and Measures
  **AND** COMD 335 - Introduction to Speech Sound Disorders
  **AND** COMD 431 - Developmental Language Disorders

**Additional Comments:**

**Recommended**
This is intended as a final semester course. We anticipate that students will have already mastered the fundamentals of human communication in the areas of hearing, language, and speech.

| Title | Tags |
|---|---|
| Ethical Issues | 213464, 0, 1, 2023-08-29 08:09:25 |

**Learning Outcome**
Discuss potential ethical issues in communication and swallowing disorders

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| COMD | 493R |

**Teaching Area**
COMD
**Course Title**
Readings
**Course Description**
Directed reading in the field of Communication Disorders. Students meet with the instructor to assemble an individualized reading program in the field and agree upon the topic and organization of the course.
**Department**
Communication Disorders
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
2

| Title | Tags |
|---|---|
| Topic Mastery | 177333, 0 |

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area.

| Title | Tags |
|---|---|
| Breadth of Knowledge | 177334, 1 |

**Learning Outcome**
Students will explain relationships between key concepts in a specialty area.

| Title | Tags |
| --- | --- |
| Intervention | 213465, 0, 2, 2023-08-29 08:09:26 |

**Learning Outcome**
Describe differences between intervention procedures and intervention activities

| Title | Tags |
| --- | --- |
| Observation | 213466, 0, 3, 2023-08-29 08:09:27 |

**Learning Outcome**
Develop skill in creating observation plans with identified goals and methods for collecting data

## COMD 494R - Undergraduate Research Experience

### Course Information

**Teaching Area (new)**
COMD
**Course Number**
494R
**Teaching Area**
COMD
**Course Title**
Undergraduate Research Experience
**Course Description**
Gain laboratory research skills under the supervision of a faculty mentor. Experiences may include, but are not limited to, review of literature, experimental design, data gathering and analysis, interpretation, writing, presenting, and publishing of the research, as determined by the faculty mentor. Experiences will enhance student learning through hands-on activities and close collaboration with faculty or a qualified on-campus mentor.
**Department**
Communication Disorders
**When Taught**
Contact Department

#### Credit Hours

**Min**
1
**Fixed**
6

**Other Prerequisites**
Permission of faculty mentor.
**Note**
Each faculty mentor will set the criteria for the letter grades.

## COMD 495R - Field Experience in Communication Disorders

### Course Information

**Teaching Area (new)**
COMD
**Course Number**
495R
**Teaching Area**
COMD
**Course Title**
Field Experience in Communication Disorders
**Course Description**
Supervised experience in a clinical or educational service-delivery setting under the direction of a faculty member.
**Department**
Communication Disorders
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1
**Fixed**
2

**Other Prerequisites**
ComD faculty sponsorship

| Title | Tags |
|---|---|
| Reflect on experiences | 177346, 1 |

**Learning Outcome**
The students will reflect on and interpret internship experiences.

| Title | Tags |
|---|---|
| Range of skills | 177347, 2 |

**Learning Outcome**
The students will apply a significant range of skills and abilities in a professional setting

| Title | Tags |
|---|---|
| Knowledge to practice | 177348, 3 |

**Learning Outcome**
The students will put into practice the knowledge and theories they have learned in university courses in a professional setting.

## COMMS 101 - Mass Communication and Society

## COMMS 230 - Introduction to Advertising

### Course Information

## Course Information

**Teaching Area (new)**
COMMS

**Course Number**
101

**Teaching Area**
COMMS

**Course Title**
Mass Communication and Society

**Course Description**
Historical and modern roles of mass media in society, emphasizing media effects on individuals and institutions.

**Department**
Communications

**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Professional Expectations

**Tags**
186079, 2

**Learning Outcome**
Students should be acquainted with professional expectations such as meeting expectations.

**Title**
Critical Thinking

**Tags**
186080, 4

**Learning Outcome**
Students should be able to think critically about complex issues related to media and society.

**Title**
Communication Skills

**Tags**
186081, 6

**Learning Outcome**
Students should become

**Teaching Area (new)**
COMMS

**Course Number**
230

**Teaching Area**
COMMS

**Course Title**
Introduction to Advertising

**Course Description**
Principles of advertising; critical evaluation of its role and value in American society. Experience in writing and creating ads for all media.

**Department**
Communications

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
For Comms pre-majors and minors. If you are neither and would like to take the course, please email debby_jackson@byu.edu. Students are expected to attend the first day of class. Failure to do so may adversely affect grades. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Strategy

**Tags**
186085, 1

**Learning Outcome**
Students will learn to communicate effectively with their audiences through the understanding and application of advertising strategy.

**Title**
Team Work

**Tags**
186086, 2

**Learning Outcome**
Students will learn to act professionally by working in advertising agency teams, presenting their campaigns, and interacting with client representatives.

Students should become proficient communicators by writing in clear, accurate, fair, compelling and--where appropriate--persuasvie ways and by making smooth and compelling verbal presentaitons.

| Title | Tags |
| --- | --- |
| Cultural Dimensions | 186082, 7 |

**Learning Outcome**
Students should be able to critique the organizational, economic and social constraints on media.

| Title | Tags |
| --- | --- |
| Media in Society | 186083, 3 |

**Learning Outcome**
Students should understand the history and role of professionals and institutions, whose media messages impact society.

| Title | Tags |
| --- | --- |
| Become Professional Media Thinkers | 186084, 1 |

**Learning Outcome**
Students should be able to articulate the roles of communicators in their various professions.

| Title | Tags |
| --- | --- |
| Diversity | 186425, 5 |

**Learning Outcome**
Students should understand media coverage of multicultural and international peoples. Issues include fairness, accuracy and sensitivity to groups, as well as how media coverage promotes or distorts understanding between different groups and cultures.

| Title | Tags |
| --- | --- |
| Principles of Advertising | 186087, 3 |

**Learning Outcome**
Students will be scholars of the mass communication process by understanding the history of advertising, the concepts of advertising theory, and the creation and implementation of advertising strategy.

| Title | Tags |
| --- | --- |
| Ethics | 186088, 4 |

**Learning Outcome**
Students will apply Gospel-centered values as they learn to create and develop advertising strategy that is ethical and reflects a sensitivity of diversity.

## COMMS 235 - Introduction to Public Relations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 235 |

Teaching Area

## COMMS 238 - Introduction to Communications Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 238 |

Teaching Area

Teaching Area
COMMS
Course Title
Introduction to Public Relations
Course Description
Philosophy and practice of public relations in business, government, education, and other institutions. Study of publics, media, methods, press relations, and publicity.
Department
Communications
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
NOTE: For Comms pre-majors and minors. If you are neither and would like to take the course, please contact advisement (801-422-3777).
NOTE: Students are expected to attend the first day of class. Failure to do so may adversely affect grades.

| Title | Tags |
|---|---|
| Public Relations Fundamentals | 186272, 1 |

Learning Outcome

Students will be introduced to the professional field of public relations, its history, theory and principles.

| Title | Tags |
|---|---|
| Public Relations Strategy | 186273, 2 |

Learning Outcome

Students will learn the basic skills in the practice of strategic planning and implementation in public relations.

| Title | Tags |
|---|---|
| Ethical and Legal Behavior | 186274, 3 |

Learning Outcome

Teaching Area
COMMS
Course Title
Introduction to Communications Studies
Course Description
Survey of mass communication theory and research; historical and philosophical development of communication theory.
Department
Communications
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Pre-communications status
Note
Students are expected to attend the first day of class. Failure to do so will adversely affect your grade. Note: COMMS 238 is for Comms Pre-Majors and Minors. If you are not either of these and would like to add this course, please contact our advisement center at (801) 422-3777 and have Pre-Comms or the Comms minor added to your major. You will then be able to add the class. Note: You must be a Pre-Comms major and complete Comms 238 with a "B" grade or better if you wish to apply to the Communications Studies sequence in the School of Communications.

| Title | Tags |
|---|---|
| Critical Thinking | 186416, 1 |

Learning Outcome
Students will demonstrate critical and independent thinking related to the role of communication and society.

| Title | Tags |
|---|---|
| Communications Theory and Application | 186428, 1 |

Learning Outcome
Students will have a deeper understanding of theories and know how to apply them in practical situations.

Students will learn appropriate legal and ethical behavior in the field of public relations.

| Title | Tags |
| --- | --- |
| Diversity in Public Relations | 186275, 4 |

**Learning Outcome**

Students will be exposed to issues of diversity in the public relations professio

| Title | Tags |
| --- | --- |
| History of Public Relations | 186276, 5 |

**Learning Outcome**

Students will recognize the historical development of public relations.

| Title | Tags |
| --- | --- |
| Public Relations in Business and Society | 186277, 6 |

**Learning Outcome**

Students will recognize the role of public relations in business and society.

| Title | Tags |
| --- | --- |
| Public Relations Practice and Theory | 186278, 7 |

**Learning Outcome**

Students will establish a theoretical foundation for various practices of public relations and decision making.

| Title | Tags |
| --- | --- |
| Public Relations Process | 186279, 8 |

**Learning Outcome**

Students will be able to explain the four-step public relations process of research, planning, communication and evaluation and apply the process to a public relation case.

| Title | Tags |
| --- | --- |
| Identifying and Addressing Key Public | 186280, 9 |

| Title | Tags |
| --- | --- |
| Inquiry Methods | 186455, 2 |

**Learning Outcome**

Students will be able to discuss methods for communications inquiry.

| Title | Tags |
| --- | --- |
| Niche Building | 186461, 3 |

**Learning Outcome**

Students will continue to build their own niche within the field and recognize the value of other approaches.

Learning Outcome

Students will define key publics and explain how to identify and address them.

| Title | Tags |
| --- | --- |
| Effective Public Relations Practice | 186281, 10 |

Learning Outcome

Students will understand the skills necessary for the effective practice of public relations, including professional writing skills, strategic thinking, planning, organization and crisis management.

| Title | Tags |
| --- | --- |
| Public Opinion and the Media | 186282, 11 |

Learning Outcome

Students will understand how organizations work with the media and the crucial role of media in forming public opinion.

## COMMS 239 - Introduction to Multimedia Storytelling

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 239 |

**Teaching Area**
COMMS
**Course Title**
Introduction to Multimedia Storytelling
**Course Description**
An introduction to non-fiction storytelling skills used in content creation, covering a variety of video, visual and written styles.
**Department**
Communications
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## COMMS 300 - Media Law and Responsibility

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 300 |

**Teaching Area**
COMMS
**Course Title**
Media Law and Responsibility
**Course Description**
Introduction to First Amendment history and press freedom, law, and theory; media regulation and policy; relationship between law and ethics; key ethical issues in professional communications.
**Department**
Communications
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Premajor status.
Journalism Minor status

| Title | Tags |
| --- | --- |
| Journalism Fundamentals | 186209, 1 |

Learning Outcome
Students will be able to define the characteristics, purposes, problems, and potential of journalism.

| Title | Tags |
| --- | --- |
| Social media | 186532, 2 |

Learning Outcome
Students will demonstrate an ability to deploy social media technologies for the purposes of newsgathering, distribution and discourse.

| Title | Tags |
| --- | --- |
| Professional conduct | 186533, 3 |

Learning Outcome
Students will articulate their own personal code of conduct for best practices of journalism.

| Title | Tags |
| --- | --- |
| Historical context and role | 186534, 4 |

Learning Outcome
Students will understand the historical context of journalism's evolution and how that history has shaped contemporary practice and the role it plays in a democracy.

| Title | Tags |
| --- | --- |
| Diversity | 186535, 5 |

Learning Outcome
Students will understand how drawing from a diversity views-whether based on race, gender, or culture, contributes to more

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Major status
Note
This class is for Comms majors, minors and for Pre-Comms students who wish to take it during the semester in which they apply to the program. If you are a Pre-Comms student, please see https://comms.byu.edu/after-application/ for information on how to add the class.

| Title | Tags |
| --- | --- |
| Legal Boundaries of Appropriate Use | 186098, 1 |

Learning Outcome
Students will be able to practice communication within legal boundaries by employing appropriate use of others' work (in attribution, copyright, trademarks, etc.).

| Title | Tags |
| --- | --- |
| Legal Constraints and Defenses | 186099, 2 |

Learning Outcome
Students will be able to practice communication within legal boundaries by demonstrating an ability to identify legal constraints and defenses that shape mass media messages.

| Title | Tags |
| --- | --- |
| Free Speech Laws and Statutes | 186100, 3 |

Learning Outcome
Students will be able to practice communication within legal boundaries by writing and constructing messages that meet the laws and statutes applied to free speech.

| Title | Tags |
| --- | --- |
| First Amendment: Press and Speech | 186101, 4 |

Learning Outcome
Students will demonstrate they value freedom of speech in the marketplace of ideas by knowing

or culture-contributes to more complete and accurate reportage.

how First Amendment rights extend to press and speech.

| Title | Tags |
| --- | --- |
| Historical Development of Free Speech | 186102, 5 |

**Learning Outcome**
Students will demonstrate they value freedom of speech in the marketplace of ideas by understanding the historical development of free speech.

| Title | Tags |
| --- | --- |
| Legal and Moral Limits of Free Speech | 186103, 6 |

**Learning Outcome**
Students will demonstrate they value freedom of speech in the marketplace of ideas by recognizing the legal and moral limits of free speech.

| Title | Tags |
| --- | --- |
| Current Issues in Free Speech | 186104, 7 |

**Learning Outcome**
Students will demonstrate they value freedom of speech in the marketplace of ideas by applying the concepts underlying this principle to current issues.

| Title | Tags |
| --- | --- |
| Preserving Freedom of Speech | 186105, 8 |

**Learning Outcome**
Students will demonstrate they value freedom of speech in the marketplace of ideas by by showing a commitment to preserving freedom of speech, even when it may be contrary to majority views, opinions, or values.

| Title | Tags |
| --- | --- |
| Ethical Issues | 186106, 9 |

**Learning Outcome**
Students will be able to demonstrate sensitivity to the ethical issues of their practice by becoming familiar with prominent cases that demonstrate ethical issues in the communication industries

communication industries.

| Title | Tags |
| --- | --- |
| Professional Values and Ethical Behavior | 186107, 10 |

**Learning Outcome**
Students will be able to demonstrate sensitivity to the ethical issues of their practice by identifying professional values that contribute to ethical behavior.

| Title | Tags |
| --- | --- |
| Ethical Complications in Professional Practice | 186108, 11 |

**Learning Outcome**
Students will be able to demonstrate sensitivity to the ethical issues of their practice by discerning possible ethical complications in professional practice.

| Title | Tags |
| --- | --- |
| Addressing Ethical Concerns in Practice | 186109, 12 |

**Learning Outcome**
Students will be able to demonstrate sensitivity to the ethical issues of their practice by defining a communications situation that addresses the ethical concerns of alternative actions or decisions.

| Title | Tags |
| --- | --- |
| Moral Reasoning and Ethics | 186110, 14 |

**Learning Outcome**
Students will be able to exercise moral reasoning when faced with ethical dilemmas by articulating the values that underline their ethical framework.

| Title | Tags |
| --- | --- |
| Ethics Theory and Application | 186111, 13 |

**Learning Outcome**
Students will be able to exercise moral reasoning when faced with ethical dilemmas by applying principles and theories of ethics to current issues.

| Title | Tags |
| --- | --- |
| Ethics and Gospel-Centered Values | 186112, 15 |

**Learning Outcome**
Students will be able to exercise moral reasoning when faced with ethical dilemmas by resolving ethical dilemmas using moral reasoning based on Gospel-centered values.

# COMMS 301 - Mass Media History and Philosophy

## Course Information

**Teaching Area (new)**
COMMS

**Course Number**
301

**Teaching Area**
COMMS

**Course Title**
Mass Media History and Philosophy

**Course Description**
Historical and philosophical development of today's media. Approaches may include theories of media change, social responsibility, economic factors, and influential pioneers.

**Department**
Communications

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major or minor status

| Title | Tags |
| --- | --- |
| American Mass Media History | 186120, 1 |

**Learning Outcome**

# COMMS 302 - Popular Culture and Media

## Course Information

**Teaching Area (new)**
COMMS

**Course Number**
302

**Teaching Area**
COMMS

**Course Title**
Popular Culture and Media

**Course Description**
Impact of new and traditional media on popular culture. Approaches may include media criticism and cultural theories on the artifacts and drivers of cultural values.

**Department**
Communications

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major or minor status

**Note**
Students are expected to attend the first day of class. Failure to do so may adversely affect your grade.

| Title | Tags |
| --- | --- |
| Recognizing Pop Culture | 186123, 1 |

Learning Outcome
Students will understand how the technical, professional, and societal development of American mass media influenced current media philosophy.

| Title | Tags |
| --- | --- |
| American Media and Society | 186121, 3 |

Learning Outcome
Students will understand the relationship between the development of American media, freedom of expression, and American society.

| Title | Tags |
| --- | --- |
| Contributors to American Media | 186122, 5 |

Learning Outcome
Students will recognize the men and women who contributed to the development of American mass media.

| Title | Tags |
| --- | --- |
| Diversity | 186423, 7 |

Learning Outcome
Students will gain an understanding of gender and race in relation to both the development and effect of mass media in American history.

Learning Outcome
Students will develop skills necessary to better recognize the pop culture atmosphere in which they live.

| Title | Tags |
| --- | --- |
| Pop Culture Semiotics | 186124, 2 |

Learning Outcome
Students will learn how to use theory to analyze and deconstruct semiotic signs of pop culture.

| Title | Tags |
| --- | --- |
| Critical Analysis and Writing | 186125, 3 |

Learning Outcome
Students will be able to think and write critically about issues of pop culture.

## COMMS 304 - Media Ethics: Ethical Decision-Making in a Diverse Society

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 304 |

**Teaching Area**
COMMS
**Course Title**
Media Ethics: Ethical Decision-Making in a Diverse Society
**Course Description**
Advanced application of moral reasoning and understanding of ethical issues in mass communication pertaining to diverse and inclusive audiences. Approaches may include current cases and issues, professional practices, and issues of racial and gender diversity within ethical practice.\n
**Department**
Communications
**When Taught**
Fall and Winter

## COMMS 305 - Foundations of Journalism and News Literacy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 305 |

**Teaching Area**
COMMS
**Course Title**
Foundations of Journalism and News Literacy
**Course Description**
Introduces students to the foundations of journalism, including effective writing, ethical reasoning, and an appreciation of news organizations' role and value in societies they serve.
**Department**
Communications
**When Taught**
Fall, Winter, Spring

**Credit Hours**

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
This class is for Comms majors, minors and for Pre-Comms students who wish to take it during the semester in which they apply to the program. If you are a Pre-Comms student, please see https://comms.byu.edu/after-application/ for information on how to add the class.

| Title | Tags |
| --- | --- |
| Professional Ethics and Conduct | 208329, 0, 1, 2019-04-22 10:03:38 |

Learning Outcome
Understand the moral foundations, philosophical theories and values underlying the ethics of professional communications, as well as become knowledgeable about basic concepts in applied ethics, such as deception, secrecy, and loyalty.

| Title | Tags |
| --- | --- |
| Effective Communication | 208331, 0, 3, 2019-04-22 10:03:38 |

Learning Outcome
Demonstrate an ability to produce media that serve the needs and interests of diverse communities, that reflects diverse voices and experiences, and shows sensitivity to the histories, perspectives, political situations, and social narratives of different groups.

| Title | Tags |
| --- | --- |
| Professional Ethics and Conduct | 208332, 0, 4, 2019-04-22 10:03:38 |

Learning Outcome

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- COMMS 239 - Introduction to Multimedia Storytelling

**Additional Comments:**

Other Prerequisites
Major status.

| Title | Tags |
| --- | --- |
| Writing | 212112, 0, 1 |

Learning Outcome
Students will be introduced to news writing styles so that they might built upon these skills in subsequent skills classes.

Value freedom of speech in the marketplace of ideas and the role of media in a democratic, diverse society, as well as demonstrating an understanding that diversity, civility, and civic engagement are vital issues today.

| Title | Tags |
| --- | --- |
| Gospel-centered Values | 208333, 0, 5, 2019-04-22 10:03:38 |

**Learning Outcome**
Critically evaluate media-related ethical issues in light of the gospel of Jesus Christ, and understand the relationships among law, ethics, and religion.

| Title | Tags |
| --- | --- |
| Gospel-centered Values | 208334, 0, 6, 2019-04-22 10:03:38 |

**Learning Outcome**
Demonstrate an understanding of the Church of Jesus Christ of Latter-day Saints' position on diversity and how they can contribute to that position.

| Title | Tags |
| --- | --- |
| Diversity | 208330, 0, 2, 2019-04-22 10:03:38 |

**Learning Outcome**
Develop moral reasoning skills and judgment mechanisms for informed ethical decision-making, including when faced with issues of difference. Construct a personal ethical framework and demonstrate a commitment to ethical conduct (including respect for diversity and agency) as a professional communicator and as a member of a global, diverse society.

## COMMS 306 - Sports Media Research and Strategy

### Course Information

**Course Number**
306
**Teaching Area**
COMMS

## COMMS 307 - Fundamentals of Communications Action

### Course Information

**Teaching Area (new)**
COMMS
**Course Number**
307
**Teaching Area**
COMMS

**Course Title**
Sports Media Research and Strategy
**Course Description**
Introduces a variety of information-gathering research strategies and techniques, including digital and social media analytics, used to help students to identify and target audiences with sports-related content.
**Department**
Communications
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Majors only.

| Title | Tags |
| --- | --- |
| Research | 213476, 0, 1, 2023-08-29 08:10:21 |

**Learning Outcome**
Students will demonstrate ability to employ various research methods to collect and analyze quantitative, digital, and social information for sports organizations.

| Title | Tags |
| --- | --- |
| Ethical Research | 213477, 0, 2, 2023-08-29 08:10:24 |

**Learning Outcome**
Students will apply ethical standards to assess data and information for accuracy, effectiveness, reliability, and relevance.

| Title | Tags |
| --- | --- |
| Diversity | 213478, 0, 3, 2023-08-29 08:10:25 |

**Learning Outcome**
Students will analyze sport in its diverse mediated forms, including how that information influences gender and minority communities in sports.

**Course Title**
Fundamentals of Communications Action
**Course Description**
Foundational skills necessary to function in a mass communications environment.
**Department**
Communications
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to the major.

| Title | Tags |
| --- | --- |
| Freedom of Information | 213479, 0, 4, 2023-08-29 08:10:27 |

**Learning Outcome**
Students will understand the importance of a free, open marketplace of ideas and how those freedoms shape sports mediated content.

| Title | Tags |
| --- | --- |
| Quantitative Evaluation | 213480, 0, 5, 2023-08-29 08:10:28 |

**Learning Outcome**
Students will employ research techniques and to contextualize, evaluate, and organize sports data and information. Such methods include, but are not limited to, the use of digital data, social analytics, surveys, and audience participation methodologies.

## COMMS 308 - Research Methods for Journalism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 308 |

**Teaching Area**
COMMS
**Course Title**
Research Methods for Journalism
**Course Description**
Qualitative and quantitative information-gathering strategies and techniques: interviewing, use of surveys and public records; online information gathering and data base analysis.
**Department**
Communications
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**

## COMMS 309 - Account Planning Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 309 |

**Teaching Area**
COMMS
**Course Title**
Account Planning Management
**Course Description**
Development and execution of comprehensive strategic advertising qualitative research, including data collecting, interpretation, field investigating, audience analysis, and strategy development.
**Department**
Communications
**When Taught**
Spring Term

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**

2

3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Major status
**Note**
Students are expect to attend the first day of class; failure to do so may adversely affect grades.

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major status.
**Note**
Students are expected to attend the first day of class. Failure to do so may adversely affect grades.

| Title | Tags |
|---|---|
| Research Methods | 186213, 1 |

**Learning Outcome**
Students will demonstrate ability to employ various research methods to collect and analyze quantitative data and qualitative information for news. Such methods include, but are not limited to court and other public documents, surveys, and computer databases.

| Title | Tags |
|---|---|
| Freedom of Information | 186214, 3 |

**Learning Outcome**
Students will understand and defend the value of freedom of information and freedom of speech in the marketplace of ideas.

| Title | Tags |
|---|---|
| Ethical Research | 186215, 2 |

**Learning Outcome**
Students will apply ethical standards to assess data and information for accuracy, reliability, and relevance.

| Title | Tags |
|---|---|
| Quantitative Evaluation | 186216, 6 |

**Learning Outcome**
Students will employ research techniques and to contextualize, evaluate, and organize data and information. Such methods include, but are not limited to the use of computer spreadsheets and databases.

| Title | Tags |
|---|---|
| Account Planning | 186187, 1 |

**Learning Outcome**
Students will communicate effectively with their audiences through understanding through the principles of account planning and applying them to clients' advertising problems.

| Title | Tags |
|---|---|
| Client Presentations | 186188, 2 |

**Learning Outcome**
Students will act professionally by conducting qualitative research with participants and working directly with client representatives.

| Title | Tags |
|---|---|
| Research | 186189, 3 |

**Learning Outcome**
Students will be scholars of the mass communication process by applying appropriate qualitative research methodologies and protocols and developing the creative brief.

| Title | Tags |
|---|---|
| Ethical research | 186190, 4 |

**Learning Outcome**
Students will apply Gospel-centered values as they follow prescribed research protocol.

## COMMS 310 - Writing Branded Content

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
310

**Teaching Area**
COMMS

**Course Title**
Writing Branded Content

**Course Description**
Principles and practices of writing persuasive content for multiple media platforms.

**Department**
Communications

**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major status; Comms 300 or concurrent enrollment.

**Title**
Packaging content

**Tags**
186536, 2

**Learning Outcome**
Students will research, produce, and package stories that promote brands or organizations.

**Title**
Writing headlines

**Tags**
186537, 3

**Learning Outcome**
Students will write headlines that capture the attention of target audiences or publics.

**Title**
Producing persuasive content

**Tags**
186538, 1

**Learning Outcome**
Students will understand how to

## COMMS 311 - Writing for News Media

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
311

**Teaching Area**
COMMS

**Course Title**
Writing for News Media

**Course Description**
Principles and practices of writing news content for multiple media platforms.

**Department**
Communications

**When Taught**
Contact Department

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major status; Comms 300 or concurrent enrollment.

**Title**
Grammar and style

**Tags**
186539, 1

**Learning Outcome**
Students will demonstrate proficiency of proper grammar and AP Style to clearly and concisely write news content.

**Title**
Ethics, Law, and Diversity

**Tags**
186541, 3

**Learning Outcome**
Students will understand the ethical and legal implications of their work in the context of a global and diverse society.

**Title**
Story structures

**Tags**
186540, 0, 2

Students will understand how to employ strategies to create compelling and persuasive content for target publics or audiences.

Learning Outcome
Students will write news accounts in inverted pyramid, broadcast and other appropriate news styles.

## COMMS 312 - Digital Media Production

### Course Information

Teaching Area (new)
COMMS
Course Number
312
Teaching Area
COMMS
Course Title
Digital Media Production
Course Description
Practical application of visual and aural multimedia storytelling; acquisition, editing, and distribution of digital audio and video.
Department
Communications
When Taught
Spring Term

### Credit Hours

Min
1.5
Fixed
1.5

### Lecture Hours

Fixed
1.5

### Lab Hours

Fixed
0

Other Prerequisites
Major status; Comms 300 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Video and Audio Acquisition | 186542, 1 |

Learning Outcome
Students will employ fundamental techniques to capture audio and video.

| Title | Tags |
| --- | --- |
| Video and Audio Editing | 186543, 2 |

Learning Outcome
Students will demonstrate a

## COMMS 313 - Media Design and Graphics

### Course Information

Teaching Area (new)
COMMS
Course Number
313
Teaching Area
COMMS
Course Title
Media Design and Graphics
Course Description
Foundational principles and theories of visual communication; use of graphics to communicate information and support persuasive appeals.
Department
Communications
When Taught
Contact Department

### Credit Hours

Min
1.5
Fixed
1.5

### Lecture Hours

Fixed
1.5

### Lab Hours

Fixed
0

Other Prerequisites
Admission to the major.
Note
Students are expected to attend the first day of class. Failure to do so may adversely affect your grade.

| Title | Tags |
| --- | --- |
| Design Theory | 186544, 1 |

Learning Outcome
Students will understand and apply design theory to the critique of media design and graphics.

Students will demonstrate a basic ability to edit audio and video for various uses in the profession.

| Title | Tags |
| --- | --- |
| Graphics creation | 186545, 2 |

**Learning Outcome**
Students will create print and digital media messages and graphics.

| Title | Tags |
| --- | --- |
| Ethics, Law, and Diversity | 186546, 3 |

**Learning Outcome**
Students will understand the ethical and legal implications of their work in the context of a global and diverse society.

## COMMS 314 - Intro to Social Media Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 314 |

**Teaching Area**
COMMS
**Course Title**
Intro to Social Media Management
**Course Description**
The ins and outs of popular social media platforms as business tools. How to strategically select platforms for organizations based on demographics, user numbers, functionality, and more. Introduction to the best practices in community management and content creation to help students land entry level social media jobs or prepare them to take more advanced social media classes within the school.
**Department**
Communications
**When Taught**
Spring Term

### Credit Hours

**Min**
1.5
**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

## COMMS 315 - Intro to SEO and Analytics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 315 |

**Teaching Area**
COMMS
**Course Title**
Intro to SEO and Analytics
**Course Description**
Introduction to the SEO industry and the language and principles that govern SEO. Key-word research, providing the foundation for SEO work in organizations everywhere. Introduction to Google analytics and the organization and structure of the data it collects. Where data can be found, and navigation of the platform to find data requested by analysts and employers.
**Department**
Communications
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5
**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**

**Other Prerequisites**
Admission to the major.

| Title | Tags |
| --- | --- |
| Message dissemination | 186547, 1 |

**Learning Outcome**
Students will be able to effectively disseminate content through social media channels.

| Title | Tags |
| --- | --- |
| Analytics | 186548, 2 |

**Learning Outcome**
Students will be able to use analytic tools to measure social media engagement.

| Title | Tags |
| --- | --- |
| SEO Strategies | 186549, 3 |

**Learning Outcome**
Students will be familiar with SEO (search engine optimization) strategies.

Admission to the major.

| Title | Tags |
| --- | --- |
| Entrepreneurial principles | 186550, 1 |

**Learning Outcome**
Students will recognize and describe principles of media entrepreneurship.

| Title | Tags |
| --- | --- |
| Theories and characteristics of the mass communications market | 186551, 2 |

**Learning Outcome**
Students will define and elaborate on theories of the marketplace, startup culture, and digital innovation.

## COMMS 316 - Intro to Social Promotion

### Course Information

**Teaching Area (new)**
COMMS
**Course Number**
316
**Teaching Area**
COMMS
**Course Title**
Intro to Social Promotion
**Course Description**
Introduction to the concepts and terminology that govern online promotions. More than a dozen different placement types, creative formats, and bidding models currently used by promoters in the industry. Introduction to the promotions dashboards of Facebook, Instagram, and Twitter. Foundational knowledge needed to succeed in advanced online promotion courses.
**Department**
Communications
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

## COMMS 317 - Advertising Research Methods

### Course Information

**Teaching Area (new)**
COMMS
**Course Number**
317
**Teaching Area**
COMMS
**Course Title**
Advertising Research Methods
**Course Description**
Quantitative research methods used in marketing and advertising; the research process; planning, designing, and conducting studies; analyzing results using appropriate methodologies.
**Department**
Communications
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
1.5

### Lab Hours

Fixed
0

Other Prerequisites
Admission to the major.

| Title | Tags |
| --- | --- |
| Toos and processes | 210005, 0, 1 |

Learning Outcome
Students will learn how to use industry standard tools and processes for finding and using keywords.

| Title | Tags |
| --- | --- |
| Content creation | 210006, 0, 2 |

Learning Outcome
Students will develop a working knowledge of audiences and social media content creation.

| Title | Tags |
| --- | --- |
| Measurement | 210007, 0, 3 |

Learning Outcome
Students will develop an understanding of how to measure the performance of paid social media campaigns.

| Title | Tags |
| --- | --- |
| Currency | 186552, 1 |

Learning Outcome
Students will learn how to develop a process for staying up to date with the constantly changing world of digital marketing communications.

| Title | Tags |
| --- | --- |
| Management fundamentals | 186553, 2 |

Learning Outcome
Students will understand the fundamentals of managing paid social media campaigns.

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- COMMS 309 - Account Planning Management

**Additional Comments:**

Other Prerequisites
Major status.

# COMMS 318 - Public Relations Research and Measurement

## Course Information

**Teaching Area (new)**
COMMS

**Course Number**
318

**Teaching Area**
COMMS

**Course Title**
Public Relations Research and Measurement

**Course Description**
Research methods and analysis critical to developing strategic public relations and measuring its effectiveness, emphasizing focus group and survey approaches with qualitative and quantitative statistical analysis.

**Department**
Communications

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Major status; Stat 121 or higher is recommended as a prerequisite, but may be taken concurrently with Comms 318.

**Note**
Students are expected to attend the first day of class. Failure to do so may adversely affect your grade.

| Title | Tags |
| --- | --- |
| PR Research and Strategy | 186283, 2 |

**Learning Outcome**
Students will understand the role of research in the strategic public relations process.

| Title | Tags |
| --- | --- |
| The Value of Research | 186284, 1 |

**Learning Outcome**
Students will appreciate the value of research to strategic public relations

# COMMS 319 - Research in Communication

## Course Information

**Teaching Area (new)**
COMMS

**Course Number**
319

**Teaching Area**
COMMS

**Course Title**
Research in Communication

**Course Description**
Procedures and design considerations for studying media messages, audiences, and effects. Emphasizes survey and focus group approaches to data collection and analysis.

**Department**
Communications

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Major status

| Title | Tags |
| --- | --- |
| Instrument Design | 186419, 1 |

**Learning Outcome**
Students will design a survey instrument that meets the scientific criteria of reliability and validity.

| Title | Tags |
| --- | --- |
| Research | 186427, 3 |

**Learning Outcome**
Students will produce clear, comprehensive research reports for professional and scientific use.

| Title | Tags |
| --- | --- |

public relations.

| Title | Tags |
| --- | --- |
| Ethical and Responsible Research | 186285, 3 |

**Learning Outcome**
Students will understand how to conduct research in a way that is ethical and responsible.

| Title | Tags |
| --- | --- |
| Research Terminology | 186286, 4 |

**Learning Outcome**
Students will use the terminology of research, especially related to public relations research and measurement.

| Title | Tags |
| --- | --- |
| Research Methodology | 186287, 5 |

**Learning Outcome**
Students will choose the appropriate research method to answer research questions.

| Title | Tags |
| --- | --- |
| Focus Groups | 186288, 6 |

**Learning Outcome**
Students will conduct a focus group and analyze qualitative data.

| Title | Tags |
| --- | --- |
| Survey Writing | 186289, 7 |

**Learning Outcome**
Students will write a survey.

| Title | Tags |
| --- | --- |
| Sampling | 186290, 8 |

**Learning Outcome**
Students will understand sampling strategies and be able to draw a random sample.

| Title | Tags |
| --- | --- |
| Survey Execution | 186291, 9 |

**Learning Outcome**
Students will be able to conduct a survey.

| Title | Tags |
| --- | --- |
| Focus Groups | 186430, 4 |

**Learning Outcome**
Students will design, plan, and implement a focus group.

| Title | Tags |
| --- | --- |
| Qualitative Inquiry | 186433, 5 |

**Learning Outcome**
Students will analyze and interpret findings using appropriate qualitative methods of data inquiry.

| Title | Tags |
| --- | --- |
| Sampling | 186440, 1 |

**Learning Outcome**
Students will know how to take an appropriate sample.

| Title | Tags |
| --- | --- |
| Statistical Analysis | 186459, 2 |

**Learning Outcome**
Students will perform basic univariate and multivariate statistical analyses.

| Title | Tags |
| --- | --- |
| Quantitative Measurement | 186292, 10 |

**Learning Outcome**
Students will understand different levels of measurement related to quantitative research methods.

| Title | Tags |
| --- | --- |
| Data Analysis and Interpretation in SPSS | 186293, 11 |

**Learning Outcome**
Students will be able to analyze and interpret survey results using SPSS.

| Title | Tags |
| --- | --- |
| Guidelines for Ethical Research | 186294, 12 |

**Learning Outcome**
Students will understand and abide by the guidelines for conducting ethical research.

| Title | Tags |
| --- | --- |
| Writing and Presentation | 186295, 13 |

**Learning Outcome**
Students will write and present research using appropriate style and format.

| Title | Tags |
| --- | --- |
| Effective Group Collaboration | 186296, 14 |

**Learning Outcome**
Students will exhibit behavior that is conducive to a group/team project task.

## COMMS 320 - Public Relations Writing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 320 |

**Teaching Area**
COMMS
**Course Title**
Public Relations Writing
**Course Description**
Professional public relations writing and editing in a variety of formats

## COMMS 321 - Multimedia Reporting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 321 |

**Teaching Area**
COMMS
**Course Title**
Multimedia Reporting
**Course Description**
Research and reporting skills. Database retrieval, interviewing, and

as used in public relations applications.
**Department**
Communications
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 318 - Public Relations Research and Measurement **AND** COMMS 333 - Social and Digital Media in Public Relations

**Additional Comments:**

| Title | Tags |
|---|---|
| Writing and Design Mastery | 186311, 1 |

**Learning Outcome**
Students will master the basics of writing and design, including style, punctuation, spelling, grammar, and layout across a range of communications formats and tactics.

| Title | Tags |
|---|---|
| Print and Media Tactics and Formats | 186312, 2 |

**Learning Outcome**
Students will gain experience in a variety of tactics and formats for print, electronic and social media and learn the standards, as well as the benefits and limitations of each.

creation of audio, video, and still images. Beat reporting for online media. Lab required.
**Department**
Communications
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- COMMS 305 - Foundations of Journalism and News Literacy

**Additional Comments:**

**Other Prerequisites**
COMMS 312 and COMMS 365 or concurrent enrollment.

| Title | Tags |
|---|---|
| Information Gathering | 213481, 0, 1, 2023-08-29 08:10:46 |

**Learning Outcome**
Students will gather relevant and timely information for use in news content.

| Title | Tags |
|---|---|
| Creation of Journalistic Content | 213482, 0, 2, 2023-08-29 08:10:47 |

**Learning Outcome**
Students will employ journalistic style in creating news stories for targeted digital audiences.

| Title | Tags |
|---|---|
| Professional Comportment | 213483, 0, 3, 2023-08-29 08:10:49 |

**Learning Outcome**
Students will develop ability to work well with others in a deadline-driven mass media environment.

| Title | Tags |
| --- | --- |
| Critical Thinking, Strategy, and Analysis | 186313, 3 |

**Learning Outcome**
Students will develop and demonstrate in-depth thinking, strategic planning, audience analysis and targeting of key messages on all assignments. By the end of the semester, each student will have experienced writing in a variety of formats for a variety of media.

| Title | Tags |
| --- | --- |
| Journalistic Values | 213484, 0, 4, 2023-08-29 08:10:51 |

**Learning Outcome**
Students will apply behave ethically and report fairly, including a diversity of voices.

## COMMS 324 - Feature Writing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 324 |

**Teaching Area**
COMMS
**Course Title**
Feature Writing
**Course Description**
Creating, writing, and pitching articles for nonfiction magazine markets; effective writing methods; analysis and criticism of articles.
**Department**
Communications
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

## COMMS 325 - Video Reporting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 325 |

**Teaching Area**
COMMS
**Course Title**
Video Reporting
**Course Description**
Principles and techniques of video reporting. Includes recording and editing reports on campus happenings, government, courts, and other institutions. Lab includes reporting for digital audiences through online platforms.
**Department**
Communications
**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

Complete ALL of the following Courses:

- COMMS 321 - Multimedia Reporting

**Additional Comments:**

**Other Prerequisites**
Comms 308 or concurrent enrollment.

| Title | Tags |
|---|---|
| Feature Writing | 186224, 1 |

**Learning Outcome**
Students will create meaningful article ideas and pitch them for niche and general audiences.

| Title | Tags |
|---|---|
| Storytelling | 186225, 2 |

**Learning Outcome**
Students will learn and apply feature-style storytelling techniques in compelling ways.

| Title | Tags |
|---|---|
| Ethical Norms | 186226, 3 |

**Learning Outcome**
Students will apply personal ethics and professional norms in reporting and writing.

| Title | Tags |
|---|---|
| Freelance Skills | 186227, 4 |

**Learning Outcome**
Students will learn business and legal principles associated with freelance writing.

| Title | Tags |
|---|---|
| Diversity | 186418, 7 |

**Learning Outcome**
Students will learn to include in their writing voices from diverse backgrounds and cultures.

- COMMS 321 - Multimedia Reporting
- COMMS 308 - Research Methods for Journalism

**Additional Comments:**

| Title | Tags |
|---|---|
| Newsgathering | 213485, 0, 1, 2023-08-29 08:10:56 |

**Learning Outcome**
Students will gather relevant and timely information for use in video news content.

| Title | Tags |
|---|---|
| Content Creation | 213486, 0, 2, 2023-08-29 08:10:57 |

**Learning Outcome**
Students will employ journalistic style to create news stories for targeted digital audiences.

| Title | Tags |
|---|---|
| Professional Comportment | 213487, 0, 3, 2023-08-29 08:10:59 |

**Learning Outcome**
Students will develop the ability to work well with others in a deadline-driven mass media environment.

| Title | Tags |
|---|---|
| Ethics and Diversity | 213488, 0, 4, 2023-08-29 08:11:00 |

**Learning Outcome**
Students will behave ethically and report fairly, including in their reportage of a diversity of voices.

## COMMS 327R - Special Topics in Broadcasting

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| COMMS | 327R |

**Teaching Area**
COMMS

## COMMS 328 - Backpack Journalism

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| COMMS | 328 |

**Teaching Area**
COMMS

**Course Title**
Backpack Journalism

**Course Title**
Special Topics in Broadcasting
**Course Description**
Includes radio arts, specialty reporting, documentary production, and sports broadcasting.
**Department**
Communications
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

**Other Prerequisites**
Instructor's consent
**Note**
Students are expect to attend the first day of class; failure to do so may adversely affect grades.

| Title | Tags |
| --- | --- |
| Variable outcome | 186450, 0 |

**Learning Outcome**
Outcomes for this course depend upon the topic being taught and will be published in the syllabus.

Backpack Journalism
**Course Description**
Mobile media production, including field reporting, editing, and distributing news for multiple platforms.
**Department**
Communications
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Other Prerequisites**
Departmental consent.

| Title | Tags |
| --- | --- |
| Newsgathering | 186232, 1 |

**Learning Outcome**
Students will use consumer and prosumer grade digital technology to gather video, audio, and still images.

| Title | Tags |
| --- | --- |
| Editing and Producing | 186233, 2 |

**Learning Outcome**
While in the field, students will write news and edit video, audio and still images.

| Title | Tags |
| --- | --- |
| Social Media | 186234, 3 |

**Learning Outcome**
Students will use social media to gather and disseminate news stories.

| Title | Tags |
| --- | --- |
| Ethics and Diversity | 186235, 6 |

**Learning Outcome**
Students will behave ethically and report fairly, including voices that reflect the diversity of the community.

# COMMS 329 - Opinion Writing

## Course Information

**Teaching Area (new)**
COMMS

**Course Number**
329

**Teaching Area**
COMMS

**Course Title**
Opinion Writing

**Course Description**
Function of editorials, columns, commentaries, and reviews in the mass media.

**Department**
Communications

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Open enrollment.

**Title**
Role of opinion

**Tags**
186417, 1

**Learning Outcome**
Students will understanding the role of opinion in journalism.

**Title**
Writing

**Tags**
186420, 3

**Learning Outcome**
Students will be able to write clear and persuasive editorial copy.

**Title**
Diversity

**Tags**
186426, 4

**Learning Outcome**
Students will consider diversity

# COMMS 330 - Creating Advertising Concepts - Portfolio 1.

## Course Information

**Teaching Area (new)**
COMMS

**Course Number**
330

**Teaching Area**
COMMS

**Course Title**
Creating Advertising Concepts - Portfolio 1.

**Course Description**
Basic consumer advertising; copywriting, design, and layout developed from creative strategies. Solving creative problems.

**Department**
Communications

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 309 - Account Planning Management

**Additional Comments:**

**Other Prerequisites**
Comms 309; major status; software proficiency in InDesign, Adobe Photoshop, and Adobe Illustrator demonstrated by portfolio review.

**Title**
Message Creation

**Tags**
186130, 1

**Learning Outcome**
Students will communicate effectively by creating messages that are salient to their audiences.

Students will consider diversity of thought, representing gender, race, class, and culture.

| Title | Tags |
| --- | --- |
| Ethics | 186451, 2 |

**Learning Outcome**
Students will understand the ethical boundaries of opinion writing.

| Title | Tags |
| --- | --- |
| Conceptualization | 186456, 0 |

**Learning Outcome**
Students will demonstrate an understanding of the process of research, writing, and revising columns and opinion pieces.

| Title | Tags |
| --- | --- |
| Teamwork | 186131, 2 |

**Learning Outcome**
Students will act professionally by working in creative teams and presenting their original advertising concepts to selected audiences.

| Title | Tags |
| --- | --- |
| Analysis | 186132, 5 |

**Learning Outcome**
Students will be scholars of the mass communication process by critically analyzing and evaluating their own work and other students' work.

| Title | Tags |
| --- | --- |
| Ethics | 186133, 7 |

**Learning Outcome**
Students will apply Gospel-centered values as they learn to create appropriate messages for diverse audiences.

## COMMS 331 - Creating Advertising Concepts - Portfolio 2.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 331 |

**Teaching Area**
COMMS
**Course Title**
Creating Advertising Concepts - Portfolio 2.
**Course Description**
Advanced consumer advertising: copywriting, design, and layout.
**Department**
Communications
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

## COMMS 333 - Social and Digital Media in Public Relations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 333 |

**Teaching Area**
COMMS
**Course Title**
Social and Digital Media in Public Relations
**Course Description**
This course enables students to discover where in the social and digital media world they want to develop their career. It will introduce them to the digital media ecosystem, including analytics, web development, virtual reality, and social media. Students will be exposed to ways organizations use digital tools in their communications and how these tools impact society. By the end of the course, students will generate data-driven insights to guide business decisions and develop a digital asset for an organization.
**Department**
Communications
**When Taught**
Fall and Winter

### Credit Hours

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- COMMS 330 - Creating Advertising Concepts - Portfolio 1.

**Additional Comments:**

**Other Prerequisites**
Software proficiency in InDesign, Adobe Photoshop, and Adobe Illustrator demonstrated by portfolio review.
**Note**
Students are expected to attend the first day of class. Failure to do so may adversely affect grades.

| Title | Tags |
| --- | --- |
| Message Creation | 186135, 1 |

**Learning Outcome**
Students will communicate effectively by creating compelling advertising for multiple venues.

| Title | Tags |
| --- | --- |
| Teamwork | 186136, 4 |

**Learning Outcome**
Students will learn to act professionally by working in creative teams and presenting their original advertising concepts to industry professionals.

| Title | Tags |
| --- | --- |
| Analysis | 186137, 6 |

**Learning Outcome**
Students will be scholars of the mass communication process by critically analyzing and evaluating their own work, other students' work, and industry awarded work.

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Other Prerequisites**
Major status

| Title | Tags |
| --- | --- |
| Ethics | 186138, 8 |

**Learning Outcome**
Students will apply Gospel-centered values as they learn to create appropriate messages for diverse audiences.

## COMMS 335 - TV Commercial Production

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 335 |

**Teaching Area**
COMMS
**Course Title**
TV Commercial Production
**Course Description**
Discussing and applying television commercial production principles; creating and executing TV commercial concepts.
**Department**
Communications
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Other Prerequisites | Recommended |
| --- | --- |
| Major status or instructor's consent | Comms 330 |

| Title | Tags |
| --- | --- |
| Scripting | 186424, 0 |

**Learning Outcome**
Students will be able to conceptually design and write commercial television scripts.

| Title | Tags |
| --- | --- |
| Ethics & Diversity | 186432, 2 |

## COMMS 337 - Advertising Account Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 337 |

**Teaching Area**
COMMS
**Course Title**
Advertising Account Management
**Course Description**
Managing advertising agency accounts, including budgets, writing, new business pitches, and relationships with clients.
**Department**
Communications
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 309 - Account Planning Management

**Additional Comments:**

**Other Prerequisites**
Major status
**Note**
Students are expected to attend the first class period. Failure to do so

Learning Outcome
Students will develop media that is ethical and reflects a sensitivity to diversity.

| Title | Tags |
| --- | --- |
| Production | 186444, 1 |

Learning Outcome
Students will learn to apply commercial production principles for television using current technology.

may adversely affect your grade.

| Title | Tags |
| --- | --- |
| Writing and Presentation | 186149, 1 |

Learning Outcome
Students will communicate effectively with their audiences by enhancing their practical business writing and presentation skills.

| Title | Tags |
| --- | --- |
| Principles of Advertising | 186150, 6 |

Learning Outcome
Students will be scholars of the mass communication process by understanding the history of account management, the concepts of advertising theory, and by immersing themselves in the current world of advertising.

| Title | Tags |
| --- | --- |
| Ethics | 186151, 8 |

Learning Outcome
Students will apply Gospel-centered values as they learn to manage client expectations ethically.

| Title | Tags |
| --- | --- |
| Team work | 186439, 3 |

Learning Outcome
Students will act professionally by working in advertising agency teams, managing new business, and creating a resume and portfolio appropriate for the advertising industry.

## COMMS 345 - Media Sales and Promotion

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 345 |

Teaching Area
COMMS
Course Title
Media Sales and Promotion
Course Description
Fundamentals of media sales process. Theory and application of persuasion relating to media sales.
Department

## COMMS 350 - Visual Communication in Public Relations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 350 |

Teaching Area
COMMS
Course Title
Visual Communication in Public Relations
Course Description
This class is designed to teach students how to effectively tell stories through media graphics, photos and videos. As students embrace the

Communications
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major status

| Title | Tags |
| --- | --- |
| Sales | 186435, 1 |

**Learning Outcome**
Students will have an understanding of the requirements and expectations to be successful as a media salesperson.

| Title | Tags |
| --- | --- |
| Business practices | 186449, 0 |

**Learning Outcome**
Students will have an understanding of good practices that are grounded in client relationships and based on trust and integrity.

| Title | Tags |
| --- | --- |
| Process | 186458, 3 |

**Learning Outcome**
Students will have an understanding of the emotional and logical process required as a media salesperson.

| Title | Tags |
| --- | --- |
| Process | 186467, 2 |

**Learning Outcome**
Students will have an

creative process and learn to think (and see the world around them) in terms of space, line, shape, form, size, color, texture, value, camera framing and video sequencing, they will become a more effective communicator, with the ability to create their own visual communication pieces from scratch (i.e., no templates) and/or give valuable feedback to others who are creating content.
**Department**
Communications
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- COMMS 318 - Public Relations Research and Measurement **AND** COMMS 333 - Social and Digital Media in Public Relations

**Additional Comments:**

**Recommended**
Experience with video and photo composition is recommended. Exposure to and experience with Adobe Photoshop, InDesign, and Premier is desired

understanding of the sales process, including prospecting, proposing, negotiating and closing the sale.

## COMMS 351 - Media and Their Audiences

### Course Information

**Teaching Area (new)**
COMMS
**Course Number**
351
**Teaching Area**
COMMS
**Course Title**
Media and Their Audiences
**Course Description**
Understanding media content and channels empowering and improving media consumption and interpretation. Approaches may include new technology, social media, consumer behavior, media criticism, and media literacy.
**Department**
Communications
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major or minor status

| Title | Tags |
|---|---|
| Media Message Delivery | 186152, 1 |

**Learning Outcome**
Students will think critically to have an understanding of the conditions that influence and shape media distribution channels.

| Title | Tags |
|---|---|
| Theoretical Grounding | 186153, 2 |

## COMMS 360 - Communication Management Principles and Theory

### Course Information

**Teaching Area (new)**
COMMS
**Course Number**
360
**Teaching Area**
COMMS
**Course Title**
Communication Management Principles and Theory
**Course Description**
Management principles and theory, emphasizing responsible management benefiting organizations and their stakeholders. Approaches may include crisis communication, media or agency management, and programming.
**Department**
Communications
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major or minor status
**Note**
Students are expected to attend the first day of class; failure to do so may adversely affect grades.

| Title | Tags |
|---|---|
| Management Actions and Culture | 186156, 1 |

**Learning Outcome**
Students should identify how to enhance their personal contribution to an organization by understanding management

| Theoretical Grounding | 186153, 2 |
|---|---|

**Learning Outcome**
Students will understand relevant communication theory to explain various problems of media and their audiences.

| Title | Tags |
|---|---|
| Media Message Consumption | 186154, 5 |

**Learning Outcome**
Students will think critically to have an understanding of technological, economic, or cultural conditions that influence the consumption and interpretation of media messages.

| Title | Tags |
|---|---|
| Diversity | 186155, 7 |

**Learning Outcome**
Students will think critically about the portrayal of minority voices in domestic and global contexts.

actions and culture.

| Title | Tags |
|---|---|
| Management Tools and Practices | 186157, 2 |

**Learning Outcome**
Students should understand various management activities in an organization and learn to apply related technology, tools and practices.

| Title | Tags |
|---|---|
| Effective Group Work | 186158, 3 |

**Learning Outcome**
Students should learn to work effectively in groups within an increasingly complex organizational environment.

| Title | Tags |
|---|---|
| Media Economics | 186159, 6 |

**Learning Outcome**
Students should think critically to understand media economics, including the impact of changes in the economy on media organizations and strategic decisions.

| Title | Tags |
|---|---|
| Leadership Styles and Approaches | 186160, 8 |

**Learning Outcome**
Students should understand leadership styles and approaches to people management. Define a set of leadership principles that you will practice in your career based on your values, ethics and philosophy.

## COMMS 365 - Photojournalism

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| COMMS | 365 |

**Teaching Area**
COMMS
**Course Title**
Photojournalism
**Course Description**
Shooting, processing, selecting, and preparing images for use in

## COMMS 370R - Special Topics in Communications

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| COMMS | 370R |

**Teaching Area**
COMMS
**Course Title**
Special Topics in Communications

shooting, processing, selecting, and preparing images for use in various news platforms.

**Department**
Communications

**When Taught**
Contact Department

### Credit Hours

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

**Other Prerequisites**
Instructor's consent is required if students have not completed

| Title | Tags |
|---|---|
| Evaluating Photographs | 186236, 1 |

**Learning Outcome**
Students will judge newsworthiness of photographic images.

| Title | Tags |
|---|---|
| Storytelling | 186237, 3 |

**Learning Outcome**
Students will use photographic images and audio to tell stories.

| Title | Tags |
|---|---|
| Ethics & Law | 186238, 4 |

**Learning Outcome**
Students will behave ethically, professionally and within legal boundaries.

| Title | Tags |
|---|---|
| Diversity | 186239, 5 |

**Learning Outcome**
Students will take care to represent diversity in photography of subjects.

| Title | Tags |
|---|---|
| News Photography | 186437, 2 |

**Learning Outcome**
Students will effectively document news subjects with photographic images.

**Course Description**
Subject matter may vary. Specific topics emphasizing general issues related to all mass communication.

**Department**
Communications

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
Major or minor status

| Title | Tags |
|---|---|
| Outcomes specific to topic | 186453, 0 |

**Learning Outcome**
Students will be given learning outcomes that are specific to the topic being taught.

## COMMS 371R - Special Topics in Advertising

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
371R

**Teaching Area**
COMMS

**Course Title**
Special Topics in Advertising

**Course Description**
Subject matter may vary. Specific topics emphasizing general issues related to advertising.\n\nCourse offering an in-depth study of a specialized advertising topic. Explores either a conceptual, practical, or emerging trend within the current discipline, or focuses on a particular project such as Creative Award Show or Strategic Competition.

**Department**
Communications

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 330 - Creating Advertising Concepts - Portfolio 1.

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 317 - Advertising Research Methods

## COMMS 372 - Marketing Media Planning and Strategy

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
372

**Teaching Area**
COMMS

**Course Title**
Marketing Media Planning and Strategy

**Course Description**
Media planning, theory, and practice in context of the marketing mix. Application of computer-based models as aids to media decisions. Writing of marketing- based media plans. Case study approach to both print and broadcast media.

**Department**
Communications

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 337 - Advertising Account Management

**Additional Comments:**

**Other Prerequisites**
Major status.

**Note**
NOTE: Concurrent enrollment available by petition only if Comms 330 was taken in Fall semester. NOTE: Students are expected to attend the first day of class. Failure to do so may adversely affect grades.

| Title | Tags |
|---|---|

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Buying & Planning Strategy | 186145, 1 |

**Learning Outcome**
Students will learn to communicate effectively with their audiences through the understanding and application of media buying and planning strategy.

| Title | Tags |
| --- | --- |
| Teamwork | 186146, 2 |

**Learning Outcome**
Students will act professionally by working in media teams, presenting their media campaigns, and exhibiting literacy in the language of media planning and buying.

| Title | Tags |
| --- | --- |
| Theory | 186147, 3 |

**Learning Outcome**
Students will be scholars of the mass communication process by understanding media concepts, advertising theory, current trends in media use, and the use of media industry databases.

| Title | Tags |
| --- | --- |
| Ethics & Diversity | 186148, 6 |

**Learning Outcome**
Students will apply Gospel-centered values as they learn to create and develop media strategy that is ethical and reflects a sensitivity to diversity.

## COMMS 381 - International Media Systems

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 381 |

**Teaching Area**
COMMS
**Course Title**
International Media Systems
**Course Description**
Comparison of media systems in countries and regions outside the United States. Approaches may include media systems analysis, normative theories of the media, and cultural values and norms.
**Department**
Communications

## COMMS 382 - Issues in Global Communication

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 382 |

**Teaching Area**
COMMS
**Course Title**
Issues in Global Communication
**Course Description**
Issues relating to communicating in a global village. Approaches may include global information and policy, cultural imperialism, intercultural interaction, and multinational communication strategies.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Communications or international relations major or minor status

| Title | Tags |
| --- | --- |
| Communication, Modernization, and Development | 186161, 1 |

**Learning Outcome**
Students will learn the role of communication in modernization and development.

| Title | Tags |
| --- | --- |
| Media Systems History | 186162, 2 |

**Learning Outcome**
Students will learn the history and development of media systems in nations around the world.

| Title | Tags |
| --- | --- |
| Media Systems and International Events | 186163, 3 |

**Learning Outcome**
Students will learn the role of media systems in various countries and some international events that effect them.

| Title | Tags |
| --- | --- |
| International Communication | 186164, 4 |

**Learning Outcome**
Students will learn the barriers and challenges to development and communication in different

**Department**
Communications
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Communications or international relations major or minor status

| Title | Tags |
| --- | --- |
| Global Mass Communications | 186169, 1 |

**Learning Outcome**
Students will explore the phenomena of global mass communications, focussing on the role of international communications in the modern world.

| Title | Tags |
| --- | --- |
| 21st Century Changes in Global Communication | 186170, 5 |

**Learning Outcome**
Students will analyze global change in the Twenty-first Century, including the various instruments for international communication.

| Title | Tags |
| --- | --- |
| Ethics and Diversity in International Communication | 186171, 7 |

**Learning Outcome**
Students will discuss ethics in international communication, including the problems of cultural communication between ethnic groups and diverse nationalities.

countries or regions.

| Title | Tags |
| --- | --- |
| Conflict and Oppression of Communication | 186165, 5 |

**Learning Outcome**
Students will learn about the conflict and oppression of freedom of communications.

| Title | Tags |
| --- | --- |
| Communication Challenges | 186166, 6 |

**Learning Outcome**
Students will appreciate the communication challenges facing different peoples.

| Title | Tags |
| --- | --- |
| Diversity and Communication | 186167, 7 |

**Learning Outcome**
Students will experience increased respect for diversity of cultures and of the forms of communication.

| Title | Tags |
| --- | --- |
| Freedom of Expression | 186168, 10 |

**Learning Outcome**
Students will recognize freedom of expression as a basic (yet relatively rare) human right.

| Title | Tags |
| --- | --- |
| Socio-Political Challenges and International Communications | 186172, 9 |

**Learning Outcome**
Students will examine some of the major political and humanitarian challenges of our times and the impact of international communications upon them.

| Title | Tags |
| --- | --- |
| Technology Development and International Communication | 186173, 11 |

**Learning Outcome**
Students will study the technological developments that are making the flow of international information faster and more open, as well as the impediments and obstructions with which some governments and individuals attempt to impede that flow.

| Title | Tags |
| --- | --- |
| Vehicles, Sources, and Audiences of International Communication | 186174, 2 |

**Learning Outcome**
Students will examine the diversity of vehicles, sources, and audiences of global communication, as well as the motivations of individuals, governments, and groups involved in the dissemination of information internationally.

## COMMS 384 - Editing for News Media

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 384 |

**Teaching Area**
COMMS
**Course Title**
Editing for News Media
**Course Description**
Management and editing of newsflow in digital-first environment. Lab includes managing and editing news platforms.
**Department**
Communications
**When Taught**
Fall and Winter

## COMMS 385 - Television News Producing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 385 |

**Teaching Area**
COMMS
**Course Title**
Television News Producing
**Course Description**
Theory and practice of producing and presenting information for television. Role of television news in society, nature of audiences, production techniques, and TV news management. Lab includes producing daily television newscast.
**Department**
Communications

Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 308 - Research Methods for Journalism
  **AND** COMMS 321 - Multimedia Reporting

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 308 - Research Methods for Journalism
  **AND** COMMS 328 - Backpack Journalism

**Additional Comments:**

**Other Prerequisites**
Complete two of the following three courses: Comms 313, Comms 314, Comms 315.

| Title | Tags |
|---|---|
| Ethical Management of Newsflow | 186240, 3 |

**Learning Outcome**
Students will demonstrate ability to recognize and edit news content to avoid ethical pitfalls (such as plagiarism and fabrication) and legal problems (such as defamation).

| Title | Tags |
|---|---|
| Diversity | 186241, 8 |

**Learning Outcome**

Communications

**When Taught**
Fall, Winter, Spring

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 308 - Research Methods for Journalism
  **AND** COMMS 325 - Video Reporting

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 308 - Research Methods for Journalism
  **AND** COMMS 328 - Backpack Journalism

**Additional Comments:**

**Other Prerequisites**
Complete two of the following three courses: Comms 313, Comms 314, Comms 315.

| Title | Tags |
|---|---|
| Analysis of Newscasts and Audiences | 186242, 1 |

**Learning Outcome**
Students will critically analyze newscasts and their audiences.

| Title | Tags |
|---|---|
| Diversity | 186243, 2 |

**Learning Outcome**
Students will ensure editorial contect reflects a diversity of

Students will ensure editorial contect reflects a diversity of viewpoints and is representatitve of all people.

| Title | Tags |
| --- | --- |
| Visual Storytelling | 186557, 5 |

**Learning Outcome**
Students wil develop and employ skills using industry standard software to engage in visual storytelling.

| Title | Tags |
| --- | --- |
| Platform management | 186558, 1 |

**Learning Outcome**
Students will manage content on multiple digital platforms.

viewpoints and is representatitve of all people.

| Title | Tags |
| --- | --- |
| Newsroom Leadership | 186244, 3 |

**Learning Outcome**
Students will demonstrate excellent leadership and team-building skills in a deadline-driven newsroom environment.

| Title | Tags |
| --- | --- |
| News Producing | 186245, 5 |

**Learning Outcome**
Students will use editorial judgment, broadcast news writing and editing skills, and television producing methods to produce a 30-minute, live television newscast.

| Title | Tags |
| --- | --- |
| Technology | 186246, 7 |

**Learning Outcome**
Students will use industry-standard editing and production tools to produce a daily 30 minute newscast.

| Title | Tags |
| --- | --- |
| News Editing | 186247, 9 |

**Learning Outcome**
Students will demonstrate an ability to recognize and edit broadcast news content to avoid ethical pitfalls (such as plagiarism and fabrication) and legal problems (including defamation).

## COMMS 386 - Sports Communication

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 386 |

**Teaching Area**
COMMS
**Course Title**
Sports Communication
**Course Description**
A comprehensive examination of the current practices, techniques, and professional theories associated with sports communications

## COMMS 395R - International Media Studies Abroad

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 395R |

**Teaching Area**
COMMS
**Course Title**
International Media Studies Abroad
**Course Description**

and professional theories associated with sports communications. Specific attention and instruction will be given to two general areas of expertise and potential career development: 1) Creating communication assets including video, visual, written, and social media production and analytics, and 2) Establishing and maintaining working relationships with a variety of sports entities, including teams, leagues, and other related organizations.

**Department**
Communications
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 321 - Multimedia Reporting
- COMMS 306 - Sports Media Research and Strategy

**Additional Comments:**

| Title | Tags |
|---|---|
| Sports Communication skills | 210009, 2 |

**Learning Outcome**
Students will apply basic storytelling skills and information sharing tools (observation, information, dissemination, social media practices, and video production) to create and distribute sports communications for BYU extramural sports teams.

| Title | Tags |
|---|---|
| Role of sports communication | 210008, 1 |

**Learning Outcome**
Students will explore the roles of sports communication in the wider landscape of sports media.

Study Abroad course emphasizing media and culture of region selected.

**Department**
Communications
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Reflection | 186528, 1 |

**Learning Outcome**
Students will reflect on and process an IMS abroad experience, relating it to the a communications profession.

| Title | Tags |
|---|---|
| Diversity | 186529, 2 |

**Learning Outcome**
Students will reflect on the role racial and cultural diversity plays in communications.

## COMMS 396R - Communications Practicum

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
396R

**Teaching Area**
COMMS

**Course Title**
Communications Practicum

**Course Description**
Practice and projects in communication.

**Department**
Communications

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent and approval of task or projects.

| Title | Tags |
| --- | --- |
| Practicum | 186443, 0 |

**Learning Outcome**
Students will meet practicum outcomes for a specific project or activity as specified the instructor.

## COMMS 399R - Academic Internship

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
399R

**Teaching Area**
COMMS

**Course Title**
Academic Internship

**Course Description**
Professional field experience.

**Department**
Communications

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major status; departmental consent

**Note**
An APPROVED Internship Application is required before adding. Note: Department approval must be obtained online at commsinternship.byu.edu prior to registering.

| Title | Tags |
| --- | --- |
| Experiential learning | 186448, 0 |

**Learning Outcome**
Students will use coursework knowledge in a practical, professional setting with the support of a practitioner and faculty advisor.

## COMMS 406 - Media and the First Amendment

## COMMS 411 - Media Effects

## Course Information

**Teaching Area (new)**
COMMS

**Course Number**
406

**Teaching Area**
COMMS

**Course Title**
Media and the First Amendment

**Course Description**
Advanced understanding of media law, policy, and regulation of free speech and press. Approaches may include Freedom of Information, rights of press, government control, and legal precedents regarding the First Amendment.

**Department**
Communications

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- COMMS 300 - Media Law and Responsibility

**Additional Comments:**

**Other Prerequisites**
Major status.

**Title**
Freedom of Speech and Social Issues

**Tags**
186175, 1

**Learning Outcome**
Students will gain increased appreciation of freedom of speech in the marketplace of ideas and apply this concept to current social issues.

## Course Information

**Teaching Area (new)**
COMMS

**Course Number**
411

**Teaching Area**
COMMS

**Course Title**
Media Effects

**Course Description**
Effects resulting from the interaction between media and members of society. Approaches may include self-image, sterotypes, violence, and other social constructs and behaviors involving media consumption.

**Department**
Communications

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major or minor status

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Critical and Independent Thinking

**Tags**
186180, 1

**Learning Outcome**
Students will demonstrate critical and independent thinking related to the role of communicaiton and society.

**Title**
Media and Social Systems

**Tags**
186181, 2

**Learning Outcome**
Students will have a deeper, theoretical understanding of the impact of media on social systems.

| Title | Tags |
| --- | --- |
| Social Advocacy and Government Policy | 186176, 2 |

**Learning Outcome**
Students will understand the importance of social advocacy in a democracy to reinforce the concept that both media and citizens have unique opportunities to influence the direction of both government policies and public opinion.

| Title | Tags |
| --- | --- |
| Critical Thinking | 186177, 3 |

**Learning Outcome**
Students think critically about the relationship between mass media and society and articulate the positive and negative effects of mass media practices on society.

| Title | Tags |
| --- | --- |
| Consumer Communication Interaction | 186178, 4 |

**Learning Outcome**
Students will become more professional by understanding the complex interaction between consumers (public opinion), the news media, the legal process, and lobbying by corporations, associations, and other advocacy groups.

| Title | Tags |
| --- | --- |
| Professional Communication Skills and Strategy | 186179, 7 |

**Learning Outcome**
Students will learn to apply professional and strategic communications skills to social advocacy situations.

## COMMS 416 - Media Advocacy and Social Change

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 416 |

Teaching Area

## COMMS 420 - Advanced Print Reporting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 420 |

Teaching Area
COMMS

Teaching Area
COMMS
**Course Title**
Media Advocacy and Social Change
**Course Description**
Communication principles, theories, and approaches applied to effect social change. Approaches may include public policy, grass roots advocacy, social marketing, and social movements.
**Department**
Communications
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major or minor status

| Title | Tags |
|---|---|
| Social Advocacy and Government Policy | 186182, 1 |

**Learning Outcome**
As citizens, students will better understand the importance of social advocacy in democracy and understand that both media and citizens have unique opportunities to influence the direction of government policies as well as public opinion.

| Title | Tags |
|---|---|
| Lifelong Learning and Responsible Media Use | 186183, 2 |

**Learning Outcome**
In the process of becoming life-long learners, students will regularly follow news media coverage of current events to gain an increased appreciation of freedom of speech in the market place of ideas and how to responsibly utilize it with current social and political

**Course Title**
Advanced Print Reporting
**Course Description**
News coverage of government, courts, education, business, international, or legal issues.
**Department**
Communications
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 384 - Editing for News Media

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 385 - Television News Producing

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 386 - Sports Communication

**Additional Comments:**

| Title | Tags |
|---|---|
| Source Evaluation | 186251, 1 |

**Learning Outcome**
Students will demonstrate a high-level ability to evaluate the relative value and reliability of news information coming from a variety of sources, including

issues.

| Title | Tags |
| --- | --- |
| Effects of Mass Media on Society | 186184, 3 |

**Learning Outcome**
As voters, students will be able to think critically about the relationship between mass media and society and be able to articulate the positive and negative effects of mass media practices on society, especially as those effects relate to objectivity in political matters.

| Title | Tags |
| --- | --- |
| Consumer Communication Interactions | 186185, 4 |

**Learning Outcome**
Students will become more professional by comprehending the complex interaction between citizens (public opinion), the news media, the legal process and lobbying by corporations, associations and other advocacy groups.

| Title | Tags |
| --- | --- |
| Social and Political Advocacy | 186186, 5 |

**Learning Outcome**
Students will learn to make significant contributions as involved citizens by being able to ethically apply to social and political advocacy situations the communications skills they are now learning.

anonymous and other sources.

| Title | Tags |
| --- | --- |
| Enterprise Journalism | 186252, 2 |

**Learning Outcome**
Students will understand the pitfalls and merits of investigative journalism and apply ethical standards in producing news reporting that benefits the community.

| Title | Tags |
| --- | --- |
| Writing | 186253, 3 |

**Learning Outcome**
Students will demonstrate professional-level writing skill in researching, writing and producing journalism content that has constructive purpose, depth, and perspective.

| Title | Tags |
| --- | --- |
| Diversity | 186254, 4 |

**Learning Outcome**
Students will ensure editorial contect reflects a diversity of viewpoints and is representatitve of all people.

## COMMS 422 - Newsroom Leadership

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 422 |

**Teaching Area**
COMMS
**Course Title**
Newsroom Leadership
**Course Description**
Advanced concepts in newsroom management, ranging from editorial conceptualization and news judgment to copy editing, headline writing, and page design. Lab includes fulfilling senior editing positions.
**Department**

## COMMS 426 - Persuasion in the Media Age

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 426 |

**Teaching Area**
COMMS
**Course Title**
Persuasion in the Media Age
**Course Description**
A contemporary approach to examining theories, empirical research, and rhetorical practices pertaining to persuasion as well as the broader perspective of social influence. Emphasizes how media impacts persuasive practices and draws upon examples from advertising, public relations, journalism, popular culture, etc.

Communications
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 384 - Editing for News Media

**Additional Comments:**

| Title | Tags |
|---|---|
| Leadership and management concepts | 186559, 1 |

**Learning Outcome**
Students will supervise newsroom personnel to demonstrate advanced leadership and knowledge of newsroom management concepts.

| Title | Tags |
|---|---|
| News Judgment | 186560, 2 |

**Learning Outcome**
Students will demonstrate critical thinking and advanced news judgment related to story selection and approval of copy.

| Title | Tags |
|---|---|
| Headlines and page design | 186561, 3 |

**Learning Outcome**

**Department**
Communications
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Communications major or minor status

| Title | Tags |
|---|---|
| Theory and research | 210016, 0, 1 |

**Learning Outcome**
Students will examine theories and research pertaining to persuasion as well as the broader perspective of social influence.

| Title | Tags |
|---|---|
| Theory and strategy | 210017, 0, 2 |

**Learning Outcome**
Students will develop an understanding of theory that will prove useful in generating strategies to promote attitude change in a variety of communication contexts and to become more critical consumers of persuasion.

Students will demonstrate a mastery of headline writing and basic page design.

| Title | Tags |
| --- | --- |
| Ethics and law | 186562, 4 |

**Learning Outcome**
Students will demonstrate mastery of editing news content to avoid ethical pitfalls, such as plagiarism and fabrication, and legal problems, including defamation.

| Title | Tags |
| --- | --- |
| Diversity | 186563, 5 |

**Learning Outcome**
Students will ensure editorial content reflects a diversity of viewpoints and is representative of all people.

## COMMS 433 - Advanced Advertising Concepting - Portfolio 3

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 433 |

**Teaching Area**
COMMS
**Course Title**
Advanced Advertising Concepting - Portfolio 3
**Course Description**
Capstone course in creating consumer advertising concepts, copywriting, design, and layout. Emphasizes finished portfolios.
**Department**
Communications
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## COMMS 436 - Public Relations Strategy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 436 |

**Teaching Area**
COMMS
**Course Title**
Public Relations Strategy
**Course Description**
Cases selected from wide range of actual public relations problems confronting business, government, education, and other institutions. Focus on strategic planning matrix.
**Department**
Communications
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 331 - Creating Advertising Concepts - Portfolio 2.

**Additional Comments:**

| Title | Tags |
|---|---|
| Portfolio Preparation | 186191, 1 |

**Learning Outcome**
Students will prepare a portfolio worthy of positive reviews by top creative directors in the country's best ad agencies.

| Title | Tags |
|---|---|
| Show Submissions | 186192, 2 |

**Learning Outcome**
Students will prepare advertising materials for submission to the creative awards shows and other venues, leading to internships, scholarships and advanced career placement.

| Title | Tags |
|---|---|
| Strategic Thinking and Creativity | 186193, 5 |

**Learning Outcome**
Students will experience a stimulating and challenging atmosphere in which to continue improving strategic thinking processes and creative skills.

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 320 - Public Relations Writing
  **AND** COMMS 350 - Visual Communication in Public Relations

**Additional Comments:**

**Note**
Students are expected to attend the first day of class. Failure to do so may adversely affect grades.

## COMMS 480 - Media Ethics and Moral Reasoning

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| COMMS | 480 |

**Teaching Area**
COMMS
**Course Title**
Media Ethics and Moral Reasoning
**Course Description**

## COMMS 481 - Gender, Race, and Class in the Media

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| COMMS | 481 |

**Teaching Area**
COMMS
**Course Title**
Gender, Race, and Class in the Media
**Course Description**

Course Description
Advanced application of moral reasoning and understanding of ethical issues in mass communication. Approaches may include current cases and issues, professional practices, and philosophical foundations of ethics.
Department
Communications
When Taught
Contact Department

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Other Prerequisites
Comms 300 or instructor's consent

| Title | Tags |
| --- | --- |
| Communication Ethics Fundamentals | 186194, 1 |

Learning Outcome
Students will understand the moral foundations, philosophical theories and values underlying the ethics of professional communications, and the role of the media in a democratic society.

| Title | Tags |
| --- | --- |
| Moral Reasoning and Ethical Decision-Making | 186195, 2 |

Learning Outcome
Students will develop moral reasoning skills and judgment mechanisms for informed ethical decision-making; for applying with precision, clarity, and subtlety a systematic, normative approach to the consideration, discussion and judgment of ethical dilemmas.

| Title | Tags |
| --- | --- |

Course Description
Applying critical theory to the interaction between media and underrepresented groups in society. Approaches may include stereotypes and portrayals, access to media, participation, and media ownership.
Department
Communications
When Taught
Contact Department

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Other Prerequisites
Major or minor status

| Title | Tags |
| --- | --- |
| Diversity | 186200, 1 |

Learning Outcome
Students will be able to demonstrate an understanding of and sensitivity to issues related to gender, race, ethnicity, and sexual orientation.

| Title | Tags |
| --- | --- |
| Inclusiveness | 186201, 4 |

Learning Outcome
Students will be inclusive of diverse viewpoints and cultures in a global society.

| Title | Tags |
| --- | --- |
| Assessing Moral Arguments | 186196, 3 |

**Learning Outcome**
Students will understand and assess moral arguments.

| Title | Tags |
| --- | --- |
| Applied Ethics | 186197, 4 |

**Learning Outcome**
Students will become knowledgeable about basic concepts in applied ethics such as deception, secrecy, loyalty, universality, reciprocity, etc.

| Title | Tags |
| --- | --- |
| Law, Ethics, and Religion | 186198, 5 |

**Learning Outcome**
Students will understand the relationships among law, ethics, and religion.

| Title | Tags |
| --- | --- |
| Professional Ethics and Conduct | 186199, 6 |

**Learning Outcome**
Students will develop a personal ethical framework and a commitment to ethical conduct as a professional communicator and as a member of society.

## COMMS 482 - Media and World Religions

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 482 |

**Teaching Area**
COMMS
**Course Title**
Media and World Religions
**Course Description**
The interaction of media, world religions, and beliefs. Approaches may include media coverage and portrayal of religion, religions' use of media, conflict between the two, and communicating across religious cultures.
**Department**
Communications
**When Taught**
Contact Department

### Credit Hours

**Min**
3

## COMMS 483 - Advanced Communications Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 483 |

**Teaching Area**
COMMS
**Course Title**
Advanced Communications Studies
**Course Description**
Contemporary developments in communication theory, research, and practice.
**Department**
Communications
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major or minor status
**Note**
Students are expected to attend the first day of class. Failure to do so may adversely affect your grade. Note: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Issues in Contemporary Media and Religion

**Tags**
186202, 1

**Learning Outcome**
Students will critically discuss and write about contemporary media and religion issues.

**Title**
Communication Practice and Theory

**Tags**
186203, 4

**Learning Outcome**
Students will know and apply relevant theory to communication practice and phenomena.

**Title**
Diverse Issues in Media and Religion

**Tags**
186204, 6

**Learning Outcome**
Students will examine and appreciate diverse media and religion issues outside their own traditions.

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- COMMS 319 - Research in Communication

Prerequisites
**Complete ALL of the following Courses:**
- SOC 300 - Methods of Research in Sociology

**Additional Comments:**

**Other Prerequisites**
Comms 411 or concurrent enrollment.

**Title**
Contemporary Communications Practice

**Tags**
186421, 3

**Learning Outcome**
Students will be able to discuss, to think critically and analytically about, and to write knowledgeably about issues in contemporary practice of communications and other professions.

**Title**
Communication, Technology, and Society

**Tags**
186422, 2

**Learning Outcome**
Students will be able to discuss, to think critically and analytically about, and to write knowledgeably about the social role and effects of communications and communications technologies in society

society.

**Title**
Professional Preparation and Strategy

**Tags**
186441, 5

**Learning Outcome**
Students will be able to discuss, to think critically and analytically about, and to write knowledgeably about strategies for bridge-building from school to work and/or from undergraduate to graduate studies.

**Title**
Communications Ethics and Ethical Theory

**Tags**
186447, 4

**Learning Outcome**
Students will be able to discuss, to think critically and analytically about, and to write knowledgeably about ethical issues that confront communicators, and ethical theory that can guide ethical decision making; the moral responsibility of professional communicators to make a positive difference within their sphere of influence.

**Title**
Communication Issues in Contemporary Society

**Tags**
186454, 1

**Learning Outcome**
Students will be able to discuss, to think critically and analytically about, and to write knowledgeably about current literature and research related to communications issues in contemporary society.

## COMMS 484 - Publication Graphics and Production

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
484

**Teaching Area**
COMMS

**Course Title**
Publication Graphics and Production

## COMMS 485 - Public Relations Campaigns

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
485

**Teaching Area**
COMMS

**Course Title**
Public Relations Campaigns

**Course Description**
Capstone course applying communication principles to internal and

**Course Description**
Layout and graphics for publications. Contemporary practices in production.
**Department**
Communications
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 313 - Media Design and Graphics
  **AND** COMMS 365 - Photojournalism

**Additional Comments:**

**Other Prerequisites**
Departmental consent for students outside the major.

| Title | Tags |
| --- | --- |
| Visual Communication | 186248, 1 |

**Learning Outcome**
Students will identify and utilize industry terms, theories, and models to analyze and discuss visual communication.

| Title | Tags |
| --- | --- |
| Design | 186249, 2 |

**Learning Outcome**
Students will create printed and electronic designs that are clear, relevant, and compelling.

| Title | Tags |
| --- | --- |
| Production | 186250, 3 |

**Learning Outcome**
Students will demonstrate a mastery of production techniques, using industry-standard software.

**Course Description**
Capstone course applying communication principles to internal and external publics; fact finding, planning, and evaluating social interrelationships; major campaigns for selected clients.
**Department**
Communications
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 436 - Public Relations Strategy

**Additional Comments:**

**Recommended**
COMMS 360
**Note**
Students are expected to attend the first day of class; failure to do so may adversely affect grades.

| Title | Tags |
| --- | --- |
| Ethics and Legal | 186468, 4 |

**Learning Outcome**
Students will employ appropriate ethical and legal use of others' work, including photos, artwork, trademarks, etc.

## COMMS 486 - Advanced Broadcast Reporting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 486 |

**Teaching Area**
COMMS
**Course Title**
Advanced Broadcast Reporting
**Course Description**
In-depth broadcast news coverage of major public issues and trends. Formats may include daily news reports, series, and documentaries.
**Department**
Communications
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**
Prerequisites
**Complete ALL of the following Courses:**

## COMMS 488 - Advanced Broadcast Producing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 488 |

**Teaching Area**
COMMS
**Course Title**
Advanced Broadcast Producing
**Course Description**
Advanced concepts in television news producing, news judgment, audiences and newsroom leadership.
**Department**
Communications
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**
Prerequisites
**Complete ALL of the following Courses:**

Complete ALL of the following Courses:
- COMMS 385 - Television News Producing

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 386 - Sports Communication

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 384 - Editing for News Media

**Additional Comments:**

**Note**
Students are expected to attend the first day of class. Failure to do so may adversely affect grades.

| Title | Tags |
|---|---|
| Storytelling Techniques | 186255, 1 |

**Learning Outcome**
Students will demonstrate proficiency in the techniques of visual and aural storytelling by creating advanced-level broadcast news stories.

| Title | Tags |
|---|---|
| Professional Preparation | 186256, 2 |

**Learning Outcome**
Understanding the nature of changes in the broadcast profession, students will create portfolios of their work in order to gain employment.

| Title | Tags |
|---|---|
| Ethics | 186257, 3 |

**Learning Outcome**
Students will employ and defend ethical principles expected in a free and diverse society.

| Title | Tags |
|---|---|
| Diversity | 186258, 4 |

**Learning Outcome**
Students will ensure editorial contect reflects a diversity of viewpoints and is representatitve of all people.

Complete ALL of the following Courses:
- COMMS 385 - Television News Producing

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 384 - Editing for News Media

**Additional Comments:**

**Other Prerequisites**
instructor's consent.
**Note**
Students are expected to attend the first day of class; failure to do so may adversely affect grades.

| Title | Tags |
|---|---|
| Newsroom Management | 186259, 2 |

**Learning Outcome**
Students will supervise newsroom personnel to demonstrate advanced leadership and knowledge of newsroom management concepts.

| Title | Tags |
|---|---|
| News Judgment | 186260, 4 |

**Learning Outcome**
Students will demonstrate critical thinking and advanced news judgment related to story selection and approval of newscasts.

| Title | Tags |
|---|---|
| Audience Analysis | 186261, 5 |

**Learning Outcome**
Students will analyze news ratings, audience surveys and related scholarly research.

| Title | Tags |
|---|---|
| Ethics | 186262, 6 |

**Learning Outcome**
Students will demonstrate mastery of editing news content to avoid ethical pitfalls (such as plagiarism and fabrication) and legal problems (including defamation).

| Title | Tags |
|---|---|
| Editing | 186263, 7 |

**Learning Outcome**
Students will demonstrate

Students will demonstrate mastery in newswriting, editing, and presentation of images for broadcast.

| Title | Tags |
| --- | --- |
| Diversity | 186264, 8 |

**Learning Outcome**
Students will ensure editorial contect reflects a diversity of viewpoints and is representatitve of all people.

| Title | Tags |
| --- | --- |
| Technology | 186265, 9 |

**Learning Outcome**
Students will employ industry-standard technology relevant to the dissemination of broadcast news.

## COMMS 489 - Strategic Advertising Campaigns

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 489 |

**Teaching Area**
COMMS
**Course Title**
Strategic Advertising Campaigns
**Course Description**
Researching, planning, budgeting, creating, and writing national advertising campaigns; writing and producing a complete advertising plan, accompanied by a formal client presentation.
**Department**
Communications
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## COMMS 490 - Media Innovations Capstone

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| COMMS | 490 |

**Teaching Area**
COMMS
**Course Title**
Media Innovations Capstone
**Course Description**
Synthesis of news media competencies gained through successful completion of directed project. Projects may include a digital media product, in-depth reportage or documentary.
**Department**
Communications
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Untitled Requirement**
**Type**
Completion Requirement

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 372 - Marketing Media Planning and Strategy

Prerequisites

**Complete ALL of the following Courses:**
- COMMS 433 - Advanced Advertising Concepting - Portfolio 3

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment by petition only.
**Note**
Students are expected to attend the first day of class; failure to do so may adversely affect grades.

| Title | Tags |
|---|---|
| Professional Teamwork | 186205, 2 |

**Learning Outcome**
Students will act professionally by working in advertising agency teams, presenting their advertising campaigns, and interacting with client representatives in a competitive environment.

| Title | Tags |
|---|---|
| Advertising Theory | 186207, 3 |

**Learning Outcome**
Students will be scholars of the mass communication process by applying the concepts of advertising theory learned in previous courses to create comprehensive advertising campaigns.

| Title | Tags |
|---|---|
| Ethics and Diversity | 186208, 6 |

**Learning Outcome**
Students will apply Gospel-centered values as they learn to create ethical and morally

**Complete ANY of the following Courses:**
- COMMS 386 - Sports Communication
- COMMS 325 - Video Reporting

**Additional Comments:**

| Title | Tags |
|---|---|
| Senior project | 186554, 1 |

**Learning Outcome**
Students will propose and complete a professional-quality project that demonstrates mastery and synthesis of competencies learned in the news media curriculum.

| Title | Tags |
|---|---|
| Creativity and innovation | 186555, 3 |

**Learning Outcome**
Students will demonstrate creativity by producing an original or innovative media product.

| Title | Tags |
|---|---|
| Ethics and Diversity | 186556, 4 |

**Learning Outcome**
Students will behave ethically and report fairly, including in their reportage a diversity of voices.

| Title | Tags |
|---|---|
| Collaboration | 186586, 2 |

**Learning Outcome**
Students will demonstrate the ability to work collaboratively with minimal supervision.

responsible persuasive messages for diverse audiences.

| Title | Tags |
| --- | --- |
| Strategy Application | 186206, 0, 1 |

**Learning Outcome**
Students will learn to communicate effectively with their audiences through a comprehensive application of advertising strategy.

## COMMS 491R - Student Media Labs

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
491R

**Teaching Area**
COMMS

**Course Title**
Student Media Labs

**Course Description**
Student-run media labs such as the Ad Lab, BioComms Lab, Daily Universe, Newsline, and, PR Intelligence Lab.

**Department**
Communications

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
3

#### Lecture Hours

**Fixed**
1

**Other Prerequisites**
Admission to a School of Communications major (Advertising, Comms Studies, Journalism, or Public Relations). Appropriate 300-level courses in the student's admitted sequence; lab advisor's consent.

**Note**
It is the student's responsibility to talk to their sequence's lab mentors to discuss the possibility of enrolling in Comms 491R. Enrollment is based on project availability and lab needs. Students who have been cleared to enroll must request a comms 491R contract from the School of Communications main office. The student and their lab mentors must agree on the terms of the contract and sign it. Students should return the form to the main office to receive an add code. Comms 491R cannot be combined with a paid position in the same lab.

## COMMS 495R - Research and Readings in Communication Practice

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
495R

**Teaching Area**
COMMS

**Course Title**
Research and Readings in Communication Practice

**Course Description**
Independent research projects and readings for communications majors.

**Department**
Communications

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
4

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Senior standing and instructor's approval of projects

**Note**
Projects must be approved in advance of registration.

| Title | Tags |
| --- | --- |
| Research and Readings | 186434, 0 |

**Learning Outcome**
Students will meet outcomes for a specific readings and research activity as specified the instructor.

## COMMS 496R - Academic Internship

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
496R

**Teaching Area**
COMMS

## COMMS 497R - Mentored Research Practicum

### Course Information

**Teaching Area (new)**
COMMS

**Course Number**
497R

COMMS
**Course Title**
Academic Internship
**Course Description**
Professional field experience.
**Department**
Communications
**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
1

**Fixed**
6

**Other Prerequisites**
Major status; prerequisites satisfied; clearance by the Communications Department
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Skills | 186579, 1 |

**Learning Outcome**
Students will demonstrate proficiency in research, writing, creativity, and technical abilities.

| Title | Tags |
|---|---|
| Professionalism | 186580, 2 |

**Learning Outcome**
Students will demonstrate professionalism by conducting themselves appropriately, meeting deadlines, and demonstrating a positive attitude and high level of commitment.

| Title | Tags |
|---|---|
| Ethics | 186581, 5 |

**Learning Outcome**
Students will demonstrate ethical and legal behavior and show sensitivity to diversity.

## COMMS 498R - Projects in Communications

### Course Information

**Teaching Area**
COMMS
**Course Title**
Mentored Research Practicum
**Course Description**
Conducting research in a mentored environment with a faculty-sponsored research project.
**Department**
Communications
**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
1

**Fixed**
3

**Lecture Hours**

**Fixed**
0

**Other Prerequisites**
Admission to a School of Communications major (Advertising, Comms Studies, Journalism, or Public Relations). Appropriate 300-level courses in the student's admitted sequence; faculty mentor's consent.
**Note**
It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's research projects. Enrollment in Comms 497R is based on faculty research project availability. After the student has secured a faculty mentor, the student must request a comms 497R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

| Title | Tags |
|---|---|
| Writing skills | 186457, 1 |

**Learning Outcome**
Students will demonstrate an ability to effectively communicate research in a scholarly fashion.

| Title | Tags |
|---|---|
| Research competency | 186431, 0 |

**Learning Outcome**
Students will demonstrate competency in research skills.

## CPSE 203 - Introduction to Special Education

Teaching Area (new)
COMMS
Course Number
498R
Teaching Area
COMMS
Course Title
Projects in Communications
Course Description
Faculty-mentored projects in communications.
Department
Communications
When Taught
All Semesters/Terms

### Credit Hours

Min
0.5

Fixed
4

### Lab Hours

Fixed
0

Other Prerequisites
Admission to a School of Communications major (Advertising, Comms Studies, Journalism, or Public Relations). Appropriate 300-level courses in the student's admitted sequence; faculty-mentor's consent.
Note
It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's comms projects. Enrollment in Comms 498R is based on the availability of faculty-mentored comms projects. After the student has secured a faculty mentor, the student must request a comms 498R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

## Course Information

Teaching Area (new)
CPSE
Course Number
203
Teaching Area
CPSE
Course Title
Introduction to Special Education
Course Description
Understanding the characteristics of students with various exceptionalities, ranging from mild to moderate to severe disabilities. How student with specific disabilities learn; using basic strategies for meeting their educational needs.
Department
Counseling Psych&Spec Ed
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
FBI fingerprint background clearance

Title
Human exceptionality and special education
Tags
177546, 1
Learning Outcome
1. Describe human exceptionality, special education law, and school services for students with disabilities.

Title
Cultural, ethnic, and language diversity
Tags
177550, 5
Learning Outcome
2. Describe the effects of cultural, ethnic, and language diversity on the education of individuals with disabilities.

Title

Characteristics, prevalence, and educational implications

Tags
177552, 7

Learning Outcome
3. Describe the characteristics, prevalence, and educational implications of disabilities.

Title
Services and strategies for students with disabilities

Tags
177556, 11

Learning Outcome
4. Define and describe assessment, collaboration, and accommodation for students with disabilities.

Title
12-hour field experience

Tags
177557, 12

Learning Outcome
5. Complete a 12-hour field experience involving volunteer service with students with disabilities.

## CPSE 300 - Exceptional Students: Principles of Collaboration

### Course Information

Teaching Area (new)
CPSE

Course Number
300

Teaching Area
CPSE

Course Title
Exceptional Students: Principles of Collaboration

Course Description
Basic principles and legislative issues in effectively communicating and collaborating with professionals, parents, and other service providers to meet needs of individuals with disabilities in inclusive educational environments. Lab.

Department
Counseling Psych&Spec Ed

When Taught
Fall, Winter, Spring

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

## CPSE 401R - Practicum in Educational Partnerships

### Course Information

Teaching Area (new)
CPSE

Course Number
401R

Teaching Area
CPSE

Course Title
Practicum in Educational Partnerships

Course Description
Collaborating with parents, professionals, and others to meet needs of individuals with disabilities in inclusive or special education environments.

Department
Counseling Psych&Spec Ed

When Taught
Contact Department

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

Other Prerequisites
FBI fingerprint background clearance

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Interpersonal Relations | 177864, 5 |

Learning Outcome
Interpersonal Relations: Candidates work with students, parents, professionals, paraprofessionals, and others in the school and community with kindness and respect regardless of their diverse backgrounds.

| Title | Tags |
| --- | --- |
| Learning Difficulties and Accommodations | 177867, 1 |

Learning Outcome
Analyze student's learning difficulties and plan appropriate accommodations.

| Title | Tags |
| --- | --- |
| Assessment Plans and School Support | 177881, 3 |

Learning Outcome
Develop assessment plans to evaluate students' progress and collaborate with school experts to support student learning.

| Title | Tags |
| --- | --- |
| Special Needs Learning Characteristics | 177885, 2 |

Learning Outcome
Describe learning characteristics of special needs students.

| Title | Tags |
| --- | --- |
| Collaboration | 177895, 4 |

Learning Outcome
Collaboration: Candidates work effectively with parents, professionals, paraprofessionals, and others in the school and community to help students with disabilities achieve their IEP goals.

Fixed
0

## Lab Hours

Fixed
1

Other Prerequisites
Admission to elementary, secondary, or special education program

| Title | Tags |
| --- | --- |
| Application | 177947, 1 |

Learning Outcome
The students will utilize a significant range of skills and abilities in a professional setting

| Title | Tags |
| --- | --- |
| Professional Practice | 177903, 6 |

**Learning Outcome**
Professional Practice: Candidates fulfill all duties and assignments, comply with all education laws and policies, and continue to improve professional practice.

## CPSE 402 - Educating Students with Disabilities in Secondary Classrooms

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CPSE | 402 |

**Teaching Area**
CPSE
**Course Title**
Educating Students with Disabilities in Secondary Classrooms
**Course Description**
Issues, policies, and methods in teaching secondary students with disabilities in general education classrooms. Lab.
**Department**
Counseling Psych&Spec Ed
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Sc Ed 350 or concurrent enrollment; Sc Ed 276R or comparable major course; FBI fingerprint background clearance.
**Note**
NOTE: For help with questions about fingerprint clearance, contact the McKay School of Education Advisement Center. NOTE: CPSE 402 includes a service learning educational opportunity; a 12 hour volunteer experience is required.

| Title | Tags |
| --- | --- |

## CPSE 410 - Applied Behavior Analysis in Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CPSE | 410 |

**Teaching Area**
CPSE
**Course Title**
Applied Behavior Analysis in Education
**Course Description**
Foundational principles of human behavior and application of those principles in working with individuals with disabilities.
**Department**
Counseling Psych&Spec Ed
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
FBI fingerprint background clearance

| Title | Tags |
| --- | --- |
| Changing behavior | 177560, 0, 3 |

**Learning Outcome**
3. Describe principles of stimulus control, consequences, and differential reinforcement.

Title
Special education and the Individuals with Disabilities Education Act (IDEA)

Tags
191385, 0, 1

Learning Outcome
1. Define special education and describe the legal structure of services for individuals with disabilities, including the Individuals with Disabilities Education Act (IDEA).

Title
Students with disabilities

Tags
191386, 0, 2

Learning Outcome
2. Describe the academic and behavioral characteristics and educational implications of students with high and low incidence disabilities.

Title
Culture, ethnicity, language diversity, and disability

Tags
191387, 0, 3

Learning Outcome
3. Describe the effects of cultural, ethnic, and language diversity on the education of individuals with disabilities.

Title
Teaching students with disabilities in the general classroom

Tags
191388, 0, 4

Learning Outcome
4. Explain research-supported methods for academic instruction of individuals with disabilities, including explicit instruction, learning strategies, task analysis, active participation, classroom management, and accommodation for the general curriculum.

Title
Models and strategies for collaboration and consultation

Tags
191389, 0, 5

Learning Outcome
5. Describe models and strategies of consultation and collaboration including co-planning and co-teaching.

Title
Behavior intervention plans

Tags
177562, 0, 5

Learning Outcome
5. Use functional behavior assessment data to design behavioral intervention plans.

Title
Functional behavior analysis

Tags
177561, 0, 4

Learning Outcome
4. Use functional behavior assessment to determine the function of behavior and to develop replacement behaviors.

Title
Using data to identify and target problem behaviors

Tags
177559, 0, 2

Learning Outcome
2. Describe data collection and principles of using data to target and replace behaviors.

Title
Understanding human behavior

Tags
177558, 0, 1

Learning Outcome
1. Describe approaches for explaining and analyzing occurrences of human behavior.

## CPSE 420 - Assessment and Evaluation of Students with Exceptional Needs

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
420

**Teaching Area**
CPSE

**Course Title**
Assessment and Evaluation of Students with Exceptional Needs

**Course Description**
Teacher candidates will be determining present levels of performance, classifying students for special education services, and writing goals and objectives for IEP development. Application of course concepts will occur in a local school district each week. \n

**Department**
Counseling Psych&Spec Ed

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to special education program; FBI fingerprint background clearance

**Title**
Principles and standards for ethical assessment

**Tags**
177575, 0, 1

**Learning Outcome**
1. Describe assessment terminology, ethics, legal provisions, regulations, program standards, and procedures.

**Title**
Informal assessment

**Tags**
177577, 0, 3

**Learning Outcome**
3. Describe informal assessments

## CPSE 425 - Teaching Reading/Language Arts to Elementary Students with Disabilities

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
425

**Teaching Area**
CPSE

**Course Title**
Teaching Reading/Language Arts to Elementary Students with Disabilities

**Course Description**
Foundations in analyzing and delivering research-based language arts instruction to elementary grade students with disabilities, including second language learners with disabilities.

**Department**
Counseling Psych&Spec Ed

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
FBI background check and finger printing

and applications for various disabilities.

**Title**
Assessment and individualized education programs (IEP)

**Tags**
177578, 0, 4

**Learning Outcome**
5. Use assessment results in creating individualized education programs.

**Title**
Administer and interpret formal assessments

**Tags**
177576, 0, 2

**Learning Outcome**
2. Select, describe, administer, and interpret formal nonbiased assessments.

**Title**
Assessment and determining special education services

**Tags**
177873, 0, 3

**Learning Outcome**
4. Describe the use of assessment results for determining special education services.

## CPSE 430 - Teaching Reading/Language Arts to Secondary Students with Disabilities

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
430

**Teaching Area**
CPSE

**Course Title**
Teaching Reading/Language Arts to Secondary Students with Disabilities

**Course Description**
Research-based methods for teaching language arts to secondary grade students with disabilities.

**Department**
Counseling Psych&Spec Ed

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to special education program; CPSE 203; FBI fingerprint background clearance.

## CPSE 440 - Transition planning and services for secondary students with disabilities

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
440

**Teaching Area**
CPSE

**Course Title**
Transition planning and services for secondary students with disabilities

**Course Description**
Selection and adaptation of curriculum accommodations, transition planning, and post-secondary preparation.

**Department**
Counseling Psych&Spec Ed

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to special education program; CPSE 203.

## CPSE 442 - Social and Behavioral Strategies for Students with Mild/Moderate Disabilities

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
442

**Teaching Area**
CPSE

**Course Title**
Social and Behavioral Strategies for Students with Mild/Moderate Disabilities

**Course Description**
Principles, procedures, and strategies for classroom behavior management, social competence, and individual and school wide intervention plans.

## CPSE 443 - Social and Behavioral Strategies for Students with Severe Disabilities.

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
443

**Teaching Area**
CPSE

**Course Title**
Social and Behavioral Strategies for Students with Severe Disabilities.

**Course Description**
Principles, procedures, and strategies for creating positive educational environments, including functional assessment, behavior intervention plans, and development of social competence.

**Department**
Counseling Psych&Spec Ed

intervention plans.

**Department**
Counseling Psych&Spec Ed

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
CPSE 203; CPSE 410; admission to special education program.

| Title | Tags |
| --- | --- |
| Components of schoolwide positive behavior support | 177606, 0, 1 |

**Learning Outcome**
1. Describe and define the components of school-wide positive behavior support, its relationship with risk and protective factors, and multicultural issues.

| Title | Tags |
| --- | --- |
| Positive learning environments | 177607, 0, 2 |

**Learning Outcome**
2. Describe how to organize an effective classroom management system for all students.

| Title | Tags |
| --- | --- |
| Address social behavior | 177608, 0, 3 |

**Learning Outcome**
3. Describe assessment and instruction to address the social needs of individuals and groups of students.

| Title | Tags |
| --- | --- |
| Least Restrictive Behavioral Interventions (LRBI) | 177609, 0, 4 |

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
CPSE 203; CPSE 410; admission to special education program; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Effective classroom management | 177672, 0, 2 |

**Learning Outcome**
2. Describe how to organize an effective classroom management system for all students.

| Title | Tags |
| --- | --- |
| Addressing social needs | 177673, 0, 3 |

**Learning Outcome**
3. Describe assessment and instruction to address the social needs of individuals and groups of students.

| Title | Tags |
| --- | --- |
| Least Restrictive Behavioral Interventions (LRBI) | 177674, 0, 4 |

**Learning Outcome**
4. Describe the various components and appropriate use of Utah's Least Restrictive Behavioral Interventions (LRBI).

| Title | Tags |
| --- | --- |
| Positive behavior support in classrooms | 177675, 0, 5 |

**Learning Outcome**
5. Demonstrate principles and practices of positive behavior

Learning Outcome
4. Describe the various components and appropriate use of Utah's Least Restrictive Behavioral Interventions (LRBI).

Title
Positive behavior support in classrooms

Tags
177610, 0, 5

Learning Outcome
5. Demonstrate principles and practices of positive behavior support in the classroom, including LRBI and multi-level evidence-based practices.

practices of positive behavior support in the classroom, including LRBI and multi-level evidence-based practices.

Title
Principles of positive behavior support

Tags
177671, 0, 1

Learning Outcome
1. Describe and define the components of school-wide positive behavior support, its relationship with risk and protective factors, and multicultural issues.

## CPSE 446 - Mentored Field Experience: Teaching Students with Mild/Moderate Disabilities - Secondary

### Course Information

Teaching Area (new)
CPSE

Course Number
446

Teaching Area
CPSE

Course Title
Mentored Field Experience: Teaching Students with Mild/Moderate Disabilities - Secondary

Course Description
Mentored field experience in teaching students with mild-moderate disabilities in secondary settings within the BYU Public School Partnership districts.

Department
Counseling Psych&Spec Ed

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
0

### Lab Hours

Fixed

## CPSE 447 - Mentored Field Experience: Teaching Students with Severe Disabilities-Secondary

### Course Information

Teaching Area (new)
CPSE

Course Number
447

Teaching Area
CPSE

Course Title
Mentored Field Experience: Teaching Students with Severe Disabilities-Secondary

Course Description
Mentored field experience in teaching students with severe disabilities in secondary settings within the BYU Public School Partnership districts.

Department
Counseling Psych&Spec Ed

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
0

### Lab Hours

Fixed

3

Other Prerequisites
Admission to special education program; CPSE 203 or equivalent; concurrent enrollment in CPSE 440 (secondary); FBI fingerprint background clearance.

| Title | Tags |
|---|---|
| Adolescents and young adults with disabilities | 177619, 1 |

Learning Outcome
1. Describe the characteristics and diversity of adolescent and young adult individuals with disabilities.

| Title | Tags |
|---|---|
| Assessment and instruction | 177620, 2 |

Learning Outcome
2. Describe evidence-based and culturally sensitive assessment, instructional strategies, learning experiences, and learning materials for secondary students with disabilities.

| Title | Tags |
|---|---|
| Transition from school to adult environments | 177621, 3 |

Learning Outcome
3. Use evidence-based and culturally sensitive resources and techniques for transitioning individuals with disabilities into and out of school and post-school environments.

0

Other Prerequisites
Admission to special education program; CPSE 203 or equivalent; concurrent enrollment in CPSE 440 (secondary); FBI fingerprint background clearance.

| Title | Tags |
|---|---|
| Diversity in upper grades | 177681, 1 |

Learning Outcome
1. Describe the characteristics and diversity of adolescent and young adult individuals with disabilities.

| Title | Tags |
|---|---|
| Assessment and instruction | 177682, 2 |

Learning Outcome
2. Describe evidence-based and culturally sensitive assessment, instructional strategies, learning experiences, and learning materials for secondary students with disabilities.

| Title | Tags |
|---|---|
| Transition planning and implementation | 177683, 3 |

Learning Outcome
3. Use evidence-based and culturally sensitive resources and techniques for transitioning individuals with disabilities into and out of school and post-school environments.

## CPSE 452 - Effective Teaching Strategies for Students with Mild/Moderate Disabilities

### Course Information

Teaching Area (new): CPSE
Course Number: 452
Teaching Area: CPSE
Course Title: Effective Teaching Strategies for Students with Mild/Moderate Disabilities
Course Description: Teacher candidates will learn IEP-based lesson planning and teacher-directed and student-mediated instructional strategies. Application of course concepts will occur in a local school district each week.
Department: Counseling Psych&Spec Ed
When Taught: Fall

## CPSE 453 - Curriculum and Instruction: Severe Disabilities

### Course Information

Teaching Area (new): CPSE
Course Number: 453
Teaching Area: CPSE
Course Title: Curriculum and Instruction: Severe Disabilities
Course Description: Strategies for designing and implementing educational programs, curricula, and teaching methods for students with severe disabilities. Application of course concepts will occur in a local school district each week.
Department: Counseling Psych&Spec Ed
When Taught: Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to special education program; CPSE 203.

**Title**
Characteristics of students with mild/moderate disabilities

**Tags**
177929, 0, 1

**Learning Outcome**
1. Describe educational characteristics of students with mild/moderate disabilities.

**Title**
Planning for instruction

**Tags**
177936, 0, 2

**Learning Outcome**
2. Write standards-based PLAAFP statements, IEP and unit goals, and lesson objectives.

**Title**
Effective teaching cycle

**Tags**
177930, 0, 3

**Learning Outcome**
3. Create and use scripted direct instruction lesson plans enacting the effective teaching cycle to address individual student learning needs.

**Title**
Data-based decision making

**Tags**
177931, 0, 4

**Learning Outcome**
4. Demonstrate the design and use of curriculum-based measurements to make instructional decisions.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to special education program or instructor's consent

**Note**
For Severe undergraduate students only.

**Title**
Standards-based planning

**Tags**
177688, 0, 1

**Learning Outcome**
1. Write standards-based PLAAFP statements, IEP and unit goals, and lesson objectives.

**Title**
Instruction

**Tags**
177689, 0, 2

**Learning Outcome**
2. Use research-supported methods for academic and nonacademic instruction of individuals with severe disabilities.

**Title**
Lesson planning

**Tags**
177690, 0, 3

**Learning Outcome**
3. Create assessment-based lesson plans including appropriate adaptations and technology for individuals with disabilities and from diverse backgrounds.

**Title**
Instructional decisions

**Tags**
177691, 0, 4

**Learning Outcome**
4. Demonstrate the design and use of curriculum-based

| Title | Tags |
| --- | --- |
| Multi-tiered system of supports (MTSS) | 177932, 0, 5 |

Learning Outcome
5. Describe the MTSS concept, processes, and use of progress-monitoring data to make MTSS decisions.

measurements to make instructional decisions.

## CPSE 460 - Collaborating with School and Family

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CPSE | 460 |

Teaching Area
CPSE
Course Title
Collaborating with School and Family
Course Description
Foundations in collaborating with school professionals, para-professionals, and families of children with disabilities.
Department
Counseling Psych&Spec Ed
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Admission to special education program; CPSE 203.

| Title | Tags |
| --- | --- |
| Collaboration | 177634, 0, 1 |

Learning Outcome
1. Define and address issues related to collaboration and other models of working together.

## CPSE 462 - Teaching Math to Students with Disabilities

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CPSE | 462 |

Teaching Area
CPSE
Course Title
Teaching Math to Students with Disabilities
Course Description
Research-based methods for teaching mathematics to students with disabilities.
Department
Counseling Psych&Spec Ed
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Admission to special education program, CPSE 203.

| Title | Tags |
| --- | --- |
| Standards-based planning | 178013, 0, 1 |

Learning Outcome
1. Use assessment data to create standards-based Present Levels of Academic and Functional Performance (PLAAFP) statements and measurable

Title
Collaboration with parents and professionals

Tags
177635, 0, 2

Learning Outcome
2. Demonstrate understanding of collaborating with parents, paraeducators, and other professionals.

Title
Interpersonal skills for collaboration

Tags
177989, 0, 3

Learning Outcome
3. Understand and demonstrate appropriate interpersonal skills for problem solving, communication, and addressing difficult interactions.

statements and measurable annual IEP and unit goals.

Title
Explicit and cognitively guided instruction

Tags
178012, 0, 2

Learning Outcome
2. Create and teach lesson plans using cognitively guided instruction and explicit sequential instruction to teach core math skills.

Title
Progress monitoring for math

Tags
178007, 0, 3

Learning Outcome
3. Design and implement data recording systems for monitoring student progress toward lesson objectives, unit goals, and annual IEP goals.

## CPSE 463 - Assistive Technology for Students with Disabilities

### Course Information

Teaching Area (new)
CPSE

Course Number
463

Teaching Area
CPSE

Course Title
Assistive Technology for Students with Disabilities

Course Description
Principles and applications in using assistive technology to improve the education and communication skills of students with disabilities.

Department
Counseling Psych&Spec Ed

When Taught
Spring Term

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

## CPSE 466 - Mentored Field Experience: Teaching Students with Mild/Moderate Disabilities - Elementary

### Course Information

Teaching Area (new)
CPSE

Course Number
466

Teaching Area
CPSE

Course Title
Mentored Field Experience: Teaching Students with Mild/Moderate Disabilities - Elementary

Course Description
Mentored learning experience in the effective teaching cycle for students with mild/moderate disabilities. Experience will take place in a grade K-6 classroom in one the BYU Public School Partnership districts.

Department
Counseling Psych&Spec Ed

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

### Lab Hours

Fixed
0

Other Prerequisites
Admission to special education program or instructor's consent; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Cultural and linguistic differences | 177698, 0, 1 |

Learning Outcome
1. Explain differences in culture and language and their effects on communication and behavior.

| Title | Tags |
| --- | --- |
| Language and learning | 177699, 0, 2 |

Learning Outcome
2. Describe the impact of language development and listening comprehension on academic and non-academic learning of individuals with disabilities.

| Title | Tags |
| --- | --- |
| Assistive technology | 177700, 0, 3 |

Learning Outcome
3. Plan and use augmentative and assistive communication strategies to support and enhance communication skills of individuals with exceptional learning needs and those whose primary language is not the dominant language.

Fixed
0

### Lab Hours

Fixed
3

Other Prerequisites
Admission to special education licensure program; CPSE 203 or equivalent; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Classroom management | 177636, 1 |

Learning Outcome
1. Develop and implement an evidence-based classroom management plan.

| Title | Tags |
| --- | --- |
| Assessment for planning and progress monitoring | 177637, 2 |

Learning Outcome
2. Use assessment to determine individual student needs and to monitor progress toward learning goals.

| Title | Tags |
| --- | --- |
| Planning and teaching | 177905, 2 |

Learning Outcome
3. Plan and teach daily lessons to address the needs of individual students with disabilities.

## CPSE 467 - Mentored Field Experience: Teaching Students with Severe Disabilities-Elementary

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CPSE | 467 |

Teaching Area
CPSE
Course Title
Mentored Field Experience: Teaching Students with Severe Disabilities-Elementary
Course Description
Mentored learning experience in the effective teaching cycle for students with severe disabilities. Experience will take place in a grade K-6 classroom in one the BYU Public School Partnership districts.
Department

## CPSE 470 - Legal Issues Influencing Collaboration in Special Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CPSE | 470 |

Teaching Area
CPSE
Course Title
Legal Issues Influencing Collaboration in Special Education
Course Description
Laws and issues influencing special education and educator's roles in collaborating with families and professionals.
Department
Counseling Psych&Spec Ed
When Taught
Summer Term

Department
Counseling Psych&Spec Ed
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

Other Prerequisites
Admission to special education licensure program; CPSE 203 or equivalent; FBI fingerprint background clearance.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
CPSE 203. Admission to special education program.

| Title | Tags |
| --- | --- |
| Individuals with Disabilities Education Act (IDEA) | 177638, 0, 1 |

Learning Outcome
1. Understanding and applying duties and responsibilities of school personnel in relation to the Individuals with Disabilities Education Act (IDEA).

| Title | Tags |
| --- | --- |
| Assessment for decision making | 177639, 0, 2 |

Learning Outcome
2. Use assessment information to make legal and ethical eligibility, program, and placement decisions for individuals with exceptional learning needs, including those from culturally and/or linguistically diverse backgrounds.

| Title | Tags |
| --- | --- |
| Sensitivity to differences | 177640, 0, 3 |

Learning Outcome
3. Demonstrate sensitivity for the culture, language, religion, gender, disability, socio-economic status, and sexual orientation of individuals.

| Title | Tags |
| --- | --- |
| Effective communication | 177641, 0, 4 |

Learning Outcome
4. Communicate effectively with families of individuals with exceptional learning needs, including those from diverse backgrounds.

## CPSE 480 - Educational and Multicultural Issues in Special Education

### Course Information

Teaching Area (new): CPSE
Course Number: 480
Teaching Area: CPSE
Course Title: Educational and Multicultural Issues in Special Education
Course Description: Special education issues: multicultural, historical, and legal foundations.
Department: Counseling Psych&Spec Ed
When Taught: Fall and Winter

### Credit Hours

Min: 3
Fixed: 3

### Lecture Hours

Fixed: 3

### Lab Hours

Fixed: 0

Other Prerequisites
FBI fingerprint background clearance.

| Title | Tags |
|---|---|
| Individual differences | 177649, 0, 1 |

Learning Outcome
1. Describe learning needs, differences, and strategies for individuals with disabilities, including those from culturally diverse backgrounds.

## CPSE 486R - Student Teaching: Students with Mild/Moderate Disabilities

### Course Information

Teaching Area (new): CPSE
Course Number: 486R
Teaching Area: CPSE
Course Title: Student Teaching: Students with Mild/Moderate Disabilities
Course Description: Culminating experience teaching students with mild/moderate disabilities in school settings.
Department: Counseling Psych&Spec Ed
When Taught: Fall and Winter

### Credit Hours

Min: 1
Fixed: 12

Other Prerequisites
Successful completion of all core courses and practica in special education; FBI fingerprint background clearance.
Note
Fee.

| Title | Tags |
|---|---|
| Teacher work sample | 177657, 0, 1 |

Learning Outcome
1. Complete and submit Renaissance Teacher Work Sample.

| Title | Tags |
|---|---|
| Student teaching portfolio | 177658, 0, 2 |

Learning Outcome
2. Complete and submit student teaching portfolio.

| Title | Tags |
|---|---|
| PAES evaluation | 177659, 0, 3 |

Learning Outcome

| Title | Tags |
| --- | --- |
| Cultural understanding | 177650, 0, 2 |

**Learning Outcome**
2. Explain differences in behavior, communication, and stereotypes between and among cultures.

| Title | Tags |
| --- | --- |
| Respectful learning environments | 177651, 0, 3 |

**Learning Outcome**
3. Explain ways to create learning environments that allow individuals to retain and appreciate their own and each other's respective language and cultural heritage.

| Title | Tags |
| --- | --- |
| Intercultural mediation | 177652, 0, 4 |

**Learning Outcome**
4. Mediate controversial intercultural issues among students within the learning environment in ways that enhance culture, group, or person.

3. Obtain passing scores on PAES
final evaluation.

## CPSE 487R - Student Teaching: Students with Severe Disabilities

### Course Information

**Teaching Area (new)**
CPSE
**Course Number**
487R
**Teaching Area**
CPSE
**Course Title**
Student Teaching: Students with Severe Disabilities
**Course Description**
Culminating experience teaching students with severe disabilities in school settings.
**Department**
Counseling Psych&Spec Ed
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
12

## CPSE 490 - Capstone Seminar: Students With Disabilities

### Course Information

**Teaching Area (new)**
CPSE
**Course Number**
490
**Teaching Area**
CPSE
**Course Title**
Capstone Seminar: Students With Disabilities
**Course Description**
Synthesis of knowledge and skills in special education; development of professional ethics and commitment to professional development.
**Department**
Counseling Psych&Spec Ed
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

**Other Prerequisites**
Successful completion of all core courses and practica in special education; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Teacher work sample | 177720, 0, 1 |

**Learning Outcome**
1. Complete and submit Renaissance Teacher Work Sample.

| Title | Tags |
| --- | --- |
| Student teaching portfolio | 177721, 0, 2 |

**Learning Outcome**
2. Complete and submit student teaching portfolio.

| Title | Tags |
| --- | --- |
| PAES evaluation | 177722, 0, 3 |

**Learning Outcome**
3. Obtain passing scores on PAES final evaluation.

## Lecture Hours

**Fixed**
1

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Successful completion of all special education courses and concurrent enrollment with student teaching/internship

| Title | Tags |
| --- | --- |
| Standards-based planning and teaching | 177662, 0, 3 |

**Learning Outcome**
3. Prepare, organize, and modify materials and to implement daily instruction within state and local curricula standards in safe, equitable, positive, and supportive learning environments.

| Title | Tags |
| --- | --- |
| Lifelong professional development | 177663, 0, 4 |

**Learning Outcome**
4. Explain the continuum of lifelong professional development.

| Title | Tags |
| --- | --- |
| Special education practice | 177660, 0, 1 |

**Learning Outcome**
1. Explain the rights and responsibilities of students, parents, teachers and other professionals, and schools related special education practice.

| Title | Tags |
| --- | --- |
| Supportive learning environments | 177661, 0, 2 |

**Learning Outcome**
2. Describe teacher attitudes and classroom and social behaviors that influence behavior of individuals with exceptional learning needs.

## CPSE 493R - Readings

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
493R

**Teaching Area**
CPSE

**Course Title**
Readings

**Department**
Counseling Psych&Spec Ed

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
2

**Title**
Focused topic

**Tags**
177863, 0

**Learning Outcome**
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activities.

## CPSE 496R - Academic Internship: Special Education

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
496R

**Teaching Area**
CPSE

**Course Title**
Academic Internship: Special Education

**Course Description**
Culminating experience in the licensure program teaching students with disabilities in a school setting full-time for one academic year.

**Department**
Counseling Psych&Spec Ed

**When Taught**
Fall; Winter.

#### Credit Hours

**Min**
1

**Fixed**
12

**Other Prerequisites**
Departmental approval of application; placement one semester in advance of registration; FBI fingerprint background clearance.

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Teacher work sample

**Tags**
177668, 0, 1

**Learning Outcome**
1. Complete and submit Renaissance Teacher Work Sample.

**Title**
Student teaching portfolio

**Tags**
177669, 0, 2

**Learning Outcome**
2. Complete and submit student teaching portfolio.

**Title**
PAES evaluation

**Tags**
177670, 0, 3

**Learning Outcome**
3. Obtain passing scores on PAES final evaluation.

## CPSE 580R - Directed Observation in the Schools

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
580R

**Teaching Area**
CPSE

**Course Title**
Directed Observation in the Schools

**Department**
Counseling Psych&Spec Ed

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
8

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Application | 177948, 1 |

**Learning Outcome**
The students will utilize a significant range of skills and abilities in a professional setting

## CPSE 589R - Gifted and Talented Practicum

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
589R

**Teaching Area**
CPSE

**Course Title**
Gifted and Talented Practicum

**Department**
Counseling Psych&Spec Ed

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Application | 177958, 1 |

**Learning Outcome**
Students will demonstrate the knowledge and skills learned across the program in a professional setting.

## CPSE 589R - Effective Teaching

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
589R

**Teaching Area**
CPSE

**Course Title**
Effective Teaching

**Department**
Counseling Psych&Spec Ed

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

**Title**
knowledge

**Tags**
177952, 1

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

## CPSE 589R - Classroom Behavior Management.

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
589R

**Teaching Area**
CPSE

**Course Title**
Classroom Behavior Management.

**Department**
Counseling Psych&Spec Ed

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

**Title**
Knowledge

**Tags**
177950, 1

**Learning Outcome**
Students will deepen their understanding of course topics.

## CPSE 589R - Curriculum

### Course Information

**Teaching Area (new)**
CPSE
**Course Number**
589R
**Teaching Area**
CPSE
**Course Title**
Curriculum
**Department**
Counseling Psych&Spec Ed
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

**Title**
knowledge
**Tags**
177951, 1

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

## CPSE 589R - Gifted and Talented: Creative Thinking Strategies

### Course Information

**Teaching Area (new)**
CPSE
**Course Number**
589R
**Teaching Area**
CPSE
**Course Title**
Gifted and Talented: Creative Thinking Strategies
**Department**
Counseling Psych&Spec Ed
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

**Title**
knowledge
**Tags**
177954, 1

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

## CPSE 589R - Assessing Learning and Behavior

### Course Information

**Teaching Area (new)**
CPSE
**Course Number**
589R
**Teaching Area**
CPSE
**Course Title**
Assessing Learning and Behavior
**Department**
Counseling Psych&Spec Ed

## CPSE 589R - Learning, Development & Individual Learning Differences in Gifted Education

### Course Information

**Teaching Area (new)**
CPSE
**Course Number**
589R
**Teaching Area**
CPSE
**Course Title**
Learning, Development & Individual Learning Differences in Gifted Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Knowledge | 177949, 1 |

**Learning Outcome**
Students will deepen their understanding of course topics.

**Course Description**
In this course participants will study the characteristics and needs of gifted children and youth, types of programs available to gifted children and youth, the historical and philosophical foundations required of professionals in the field, the history of the gifted child movement, and advocacy for gifted children and youth.
**Department**
Counseling Psych&Spec Ed
**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

**Recommended**
Previous and current classroom experience preferred.

| Title | Tags |
| --- | --- |
| Identify factors that influence learning | 213515, 0, 1, 2023-08-29 08:16:35 |

**Learning Outcome**
Students will identify how language, culture, economic status and family background, and/or area of disability can influence learning.

| Title | Tags |
| --- | --- |
| Model diversity | 213516, 0, 2, 2023-08-29 08:16:37 |

**Learning Outcome**
Students will model respect for diversity, understanding it is an integral part of society's institutions and impacts learning of individuals with gifts and talents in the delivery of gifted education.

| Title | Tags |
| --- | --- |
| Demonstrate Collaboration | 213517, 0, 3, 2023-08-29 08:16:38 |

**Learning Outcome**
Students will demonstrate elements of effective

collaboration, serve as a collaborative resource for colleagues, and use collaboration to promote the well-being of individuals with gifts and talents.

## CPSE 589R - Assessment in Gifted Education

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
589R

**Teaching Area**
CPSE

**Course Title**
Assessment in Gifted Education

**Course Description**
This is a graduate course designed to provide educators with background and techniques for identifying and evaluating high ability and gifted students. Students will utilize multiple types of gifted and talented assessment tools to identify gifted students.

**Department**
Counseling Psych&Spec Ed

**When Taught**
Winter

#### Credit Hours

**Min**
0

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

**Recommended**
Previous or current classroom experience preferred.

**Title**
Instructional strategies

**Tags**
213509, 0, 1, 2023-08-29 08:16:19

**Learning Outcome**
Use assessment to select, adapt, and create materials to differentiate instructional strategies.

## CPSE 589R - Learning Environments for Gifted Students

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
589R

**Teaching Area**
CPSE

**Course Title**
Learning Environments for Gifted Students

**Course Description**
Students learn to create learning environments that foster emotional well-being, positive social interaction, leadership, and cultural understanding, and learn of the impact of giftedness and diversity on social-emotional development. Students analyze research on the topic of social and emotional traits and characteristics of gifted young people. The environmental influences and family and peer relationships on the social and emotional development of gifted individuals will be explored.

**Department**
Counseling Psych&Spec Ed

**When Taught**
Winter

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

**Recommended**
Previous or current classroom experience preferred.

**Title**
Environment strategies

**Tags**
213512, 0, 1, 2023-08-29 08:16:23

**Learning Outcome**
Students will use communication and motivational and instructional interventions to facilitate

| Title | Tags |
| --- | --- |
| Collaboration | 213510, 0, 2, 2023-08-29 08:16:20 |

**Learning Outcome**
Collaborate with colleagues and families in using multiple types of assessment information to identify gifted and talented students.

| Title | Tags |
| --- | --- |
| Self-assessment | 213511, 0, 3, 2023-08-29 08:16:22 |

**Learning Outcome**
Engage individuals with gifts and talents in assessing the quality of their own learning and performance.

understanding of subject matter and to teach individuals with gifts and talents how to adapt to different environments.

| Title | Tags |
| --- | --- |
| Collaboration | 213513, 0, 2, 2023-08-29 08:16:26 |

**Learning Outcome**
Serve as a collaborative resource for colleagues, and use collaboration to promote the well-being of individuals with gifts and talents.

| Title | Tags |
| --- | --- |
| Non-school learning environments | 213514, 0, 3, 2023-08-29 08:16:28 |

**Learning Outcome**
Students will analyze multiple non-school environments that are part of a continuum of services for gifted and talented students.

## CPSE 589R - Current Topics in Special Education

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
589R

**Teaching Area**
CPSE

**Course Title**
Current Topics in Special Education

**Department**
Counseling Psych&Spec Ed

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

**Title**
Special Topics

**Tags**
177942, 1

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

## CPSE 589R - Evaluating Student Learning

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
589R

**Teaching Area**
CPSE

**Course Title**
Evaluating Student Learning

**Department**
Counseling Psych&Spec Ed

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

**Title**
knowledge

**Tags**
177953, 1

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

## CPSE 589R - Gifted and Talented: Social and Emotional Needs of the Gifted Student

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
589R

**Teaching Area**
CPSE

**Course Title**
Gifted and Talented: Social and Emotional Needs of the Gifted Student

**Course Description**
Social and emotional issues facing gifted and talented individuals.

## CPSE 589R - Curriculum and Instructional Planning in Gifted Education

### Course Information

**Teaching Area (new)**
CPSE

**Course Number**
589R

**Teaching Area**
CPSE

**Course Title**
Curriculum and Instructional Planning in Gifted Education

**Course Description**
In this course participants will study and demonstrate a variety of

Current research, basic counseling techniques, and affective classroom strategies. Topics include perfectionism, motivation, underachievement, self-esteem, depression, stress management, and over-excitability.

**Department**
Counseling Psych&Spec Ed

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| knowledge | 177956, 1 |

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

research-based models of curriculum and instruction related to students with gifts and talents. Participants will apply core curriculum that is aligned with local, state, and national standards.

**Department**
Counseling Psych&Spec Ed

**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

**Recommended**
Previous or current classroom experience preferred.

| Title | Tags |
| --- | --- |
| Instructional strategies | 213506, 0, 1, 2023-08-29 08:16:12 |

**Learning Outcome**
Students will design appropriate learning and performance modifications that enhance creativity, acceleration, depth, and complexity in academic subject matter.

| Title | Tags |
| --- | --- |
| Collaboration | 213507, 0, 2, 2023-08-29 08:16:14 |

**Learning Outcome**
Students will collaborate with families, professional colleagues and other educators to select, adapt, and use evidence-based strategies that promote challenging learning opportunities.

| Title | Tags |
| --- | --- |
| Curriculum assessment | 213508, 0, 3, 2023-08-29 08:16:15 |

**Learning Outcome**
Students will appropriately apply assessments to select, adapt, and create materials to differentiate instructional strategies and general and specialized curricula.

## CREOL 100 - Language Study: Haitian-Creole

### Course Information

**Teaching Area (new)**
CREOL

**Course Number**
100

**Teaching Area**
CREOL

**Course Title**
Language Study: Haitian-Creole

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Creole.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 196898, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 196899, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

## CREOL 101 - First-Year Language Study: Haitian-Creole

### Course Information

**Teaching Area (new)**
CREOL

**Course Number**
101

**Teaching Area**
CREOL

**Course Title**
First-Year Language Study: Haitian-Creole

**Course Description**
Beginning speaking, listening, reading, and writing skills in Creole.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
|---|---|
| Comprehension | 196903, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196908, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196900, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

| Title | Tags |
| --- | --- |
| Writing | 196919, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196921, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## CREOL 102 - First-Year Language Study: Haitian-Creole

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CREOL | 102 |

**Teaching Area**
CREOL
**Course Title**
First-Year Language Study: Haitian-Creole
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Creole.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

## CREOL 201 - Second-Year Language Study: Haitian-Creole

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CREOL | 201 |

**Teaching Area**
CREOL
**Course Title**
Second-Year Language Study: Haitian-Creole
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Creole.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CREOL 101 - First-Year Language Study: Haitian-Creole

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 196923, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196925, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 196927, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 196929, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CREOL 102 - First-Year Language Study: Haitian-Creole

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196931, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196933, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196935, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196938, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## CREOL 202 - Second-Year Language Study: Haitian-Creole

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CREOL | 202 |

Teaching Area

## CREOL 305 - Language Skills Development: Haitian-Creole

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CREOL | 305 |

Teaching Area

Teaching Area
CREOL
**Course Title**
Second-Year Language Study: Haitian-Creole
**Course Description**
Continued emphasis on Creole communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CREOL 201 - Second-Year Language Study: Haitian-Creole

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196939, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196941, 2 |

Teaching Area
CREOL
**Course Title**
Language Skills Development: Haitian-Creole
**Course Description**
Increasing proficiency in one or more of the following Creole language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196947, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196949, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196951, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196943, 3 |

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196945, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## CREOL 321 - Advanced Grammar: Haitian-Creole

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CREOL | 321 |

Teaching Area
CREOL
Course Title
Advanced Grammar: Haitian-Creole
Course Description
Systematic review of grammar and syntax of Creole.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3

Fixed

## CREOL 330 - Advanced Language Proficiency Through Cultural Studies: Haitian Creole

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CREOL | 330 |

Teaching Area
CREOL
Course Title
Advanced Language Proficiency Through Cultural Studies: Haitian Creole
Course Description
Study of Creole culture using interpersonal, presentational, and interpretive skills in the target language.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CREOL 202 - Second-Year Language Study: Haitian-Creole

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196956, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196957, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196959, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Creol 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196962, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196964, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196965, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death

culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196966, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## CREOL 340 - Introduction to Literature: Haitian-Creole

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CREOL | 340 |

**Teaching Area**
CREOL
**Course Title**
Introduction to Literature: Haitian-Creole
**Course Description**
Advanced study of Creole literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CREOL 330 - Advanced Language Proficiency Through Cultural Studies: Haitian Creole

## CREOL 350 - Advanced Language Study for Career Purposes: Haitian-Creole

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CREOL | 350 |

**Teaching Area**
CREOL
**Course Title**
Advanced Language Study for Career Purposes: Haitian-Creole
**Course Description**
Concentration on Creole language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CREOL 330 - Advanced Language Proficiency Through Cultural Studies: Haitian Creole

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 196970, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 196972, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 196973, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 196974, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 196976, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196977, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196978, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196979, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196980, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## CROAT 100 - Language Study: Croatian

### Course Information

**Teaching Area (new)**
CROAT

**Course Number**
100

**Teaching Area**
CROAT

**Course Title**
Language Study: Croatian

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Croatian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
196983, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title**
Social Situations

**Tags**
196984, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

**Title**
Follow Instructions

**Tags**
196986, 3

**Learning Outcome**
Understand spoken and written

## CROAT 101 - First-Year Language Study: Croatian

### Course Information

**Teaching Area (new)**
CROAT

**Course Number**
101

**Teaching Area**
CROAT

**Course Title**
First-Year Language Study: Croatian

**Course Description**
Beginning speaking, listening, reading, and writing skills in Croatian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
196989, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196991, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**
Writing

**Tags**
196992, 3

target language well enough to follow simple instructions.

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196993, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## CROAT 102 - First-Year Language Study: Croatian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CROAT | 102 |

**Teaching Area**
CROAT
**Course Title**
First-Year Language Study: Croatian
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Croatian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## CROAT 201 - Second-Year Language Study: Croatian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CROAT | 201 |

**Teaching Area**
CROAT
**Course Title**
Second-Year Language Study: Croatian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Croatian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CROAT 101 - First-Year Language Study: Croatian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 196994, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196995, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 196996, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 196997, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

Prerequisites

**Complete ALL of the following Courses:**

- CROAT 102 - First-Year Language Study: Croatian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196998, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196999, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197000, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 197001, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## CROAT 202 - Second-Year Language Study: Croatian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CROAT | 202 |

**Teaching Area**
CROAT
**Course Title**
Second-Year Language Study: Croatian

## CROAT 305 - Language Skills Development: Croatian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CROAT | 305 |

**Teaching Area**
CROAT
**Course Title**
Language Skills Development: Croatian

**Course Description**
Continued emphasis on Croatian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CROAT 201 - Second-Year Language Study: Croatian

**Additional Comments:**

**Note**
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197002, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197003, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of

**Course Description**
Increasing proficiency in one or more of the following Croatian language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197006, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197007, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197008, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197004, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197005, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## CROAT 321 - Advanced Grammar: Croatian

### Course Information

**Teaching Area (new)**
CROAT
**Course Number**
321
**Teaching Area**
CROAT
**Course Title**
Advanced Grammar: Croatian
**Course Description**
Systematic review of grammar and syntax of Croatian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## CROAT 330 - Advanced Language Proficiency Through Cultural Studies: Croatian

### Course Information

**Teaching Area (new)**
CROAT
**Course Number**
330
**Teaching Area**
CROAT
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Croatian
**Course Description**
Study of Croatian culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CROAT 202 - Second-Year Language Study: Croatian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197009, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197010, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 197011, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Croat 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197012, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197013, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197014, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197015, 4 |

General Education Requirements197015, 4

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## CROAT 340 - Introduction to Literature: Croatian

### Course Information

**Teaching Area (new)**
CROAT
**Course Number**
340
**Teaching Area**
CROAT
**Course Title**
Introduction to Literature: Croatian
**Course Description**
Advanced study of Croatian literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- CROAT 330 - Advanced Language Proficiency Through Cultural Studies: Croatian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## CROAT 350 - Advanced Language Study for Career Purposes: Croatian

### Course Information

**Teaching Area (new)**
CROAT
**Course Number**
350
**Teaching Area**
CROAT
**Course Title**
Advanced Language Study for Career Purposes: Croatian
**Course Description**
Concentration on Croatian language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- CROAT 330 - Advanced Language Proficiency Through Cultural Studies: Croatian

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 197020, 1 |

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 197016, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 197017, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 197018, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197019, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 197021, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197022, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197023, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197024, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## CSANM 150 - Introduction to Three-Dimensional Computer Graphics

## CSANM 210 - Visual Narrative for Animation

## Course Information

**Teaching Area (new)**
CSANM

**Course Number**
150

**Teaching Area**
CSANM

**Course Title**
Introduction to Three-Dimensional Computer Graphics

**Course Description**
Fundamentals of modeling, texturing, lighting, and rendering used in exploring principles and elements of three-dimensional design.

**Department**
Computer Science

**When Taught**
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
1.5

**Note**
For Pre-Computer Science: Animation and Games, and Pre-Animation Majors ONLY

**Title**
Technical Proficiency

**Tags**
106299, 0

**Learning Outcome**
Students will be able to use Maya at a basic level of familiarity and demonstrate basic capability in modeling, texturing, lighting, and rendering.

**Title**
Artistic proficiency in 3-Dimensions

**Tags**
187196, 1

**Learning Outcome**
Students will be able to make visually interesting and readable images.

## Course Information

**Course Number**
210

**Teaching Area**
CSANM

**Course Title**
Visual Narrative for Animation

**Course Description**
This class teaches foundational skills that animation students require when working in a shot-based production environment. Cinematography, layout, composition and storytelling techniques will be a focus of study.

**Department**
Computer Science

**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
2

**Title**
Shot Making

**Tags**
213524, 0, 1, 2023-08-29 08:18:57

**Learning Outcome**
The ability to critique, discuss and create film narrative in the continuity style of film making heavily used in animation.

**Title**
Color, Lighting & Composition for film

**Tags**
213525, 0, 2, 2023-08-29 08:18:59

**Learning Outcome**
Acquire a foundational level of understanding of color, lighting and composition for film. Be able to critique, discuss, and improve layouts for animation.

**Title**
Crew & Professional Dynamics:

**Tags**
213526, 0, 3, 2023-08-29 08:19:00

**Learning Outcome**
Learn how animated productions are structured and how departments work together in a

Visual Effects or Animation
Porduction

| Title | Tags |
| --- | --- |
| Narrative | 213527, 0, 4, 2023-08-29 08:19:01 |

**Learning Outcome**
Demonstrate ability to tell a visual story with an emphasis on clarity, structure and delivery.

## CSANM 250 - Intermediate Three-Dimensional Computer Graphics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CSANM | 250 |

**Teaching Area**
CSANM
**Course Title**
Intermediate Three-Dimensional Computer Graphics
**Course Description**
Fundaments of building three-dimensional computer models and setting up model rigs for mobility.
**Department**
Computer Science
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Note**
Course changed to CSAnm 250 beginning Fall 2012.

## CSANM 252 - Introduction to Three-Dimensional Animation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CSANM | 252 |

**Teaching Area**
CSANM
**Course Title**
Introduction to Three-Dimensional Animation
**Course Description**
Foundational principles and techniques of three-dimensional animation, including timing and pacing, character setup, and dynamics.
**Department**
Computer Science
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

- CSANM 250 - Intermediate Three-Dimensional Computer Graphics

**Additional Comments:**

**Note**
Course changed to CSAnm 252 beginning Fall 2012.

| Title | Tags |
|---|---|
| Technical Proficiency | 106310, 0 |

**Learning Outcome**
Students will be able to animate in Maya using key frames, blend shapes, and character rigs.

| Title | Tags |
|---|---|
| Appealing 3D Animation | 106311, 1 |

**Learning Outcome**
Students will be able to translate the twelve principles of animation into 3-dimensional space.

| Title | Tags |
|---|---|
| Self-analysis as an Animator | 106312, 2 |

**Learning Outcome**
Students will be able to identify personal weaknesses in animation and analyze paths to turn those into strengths.

## CSANM 258 - Scripting for Animation

### Course Information

**Teaching Area (new)**
CSANM
**Course Number**
258
**Teaching Area**
CSANM
**Course Title**
Scripting for Animation
**Course Description**
Developing basic scripting skills to procedurally build intricate systems of models, rigs, and animation. Students learn how to reduce manual hours and efficiently create simple to complex effects.
**Department**
Computer Science
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

## CSANM 340 - Introduction to Game Design

### Course Information

**Teaching Area (new)**
CSANM
**Course Number**
340
**Teaching Area**
CSANM
**Course Title**
Introduction to Game Design
**Course Description**
This is an introductory elective course in game design. We will cover foundational game elements and the processes for designing game experiences. These principles are ubiquitously foundational to all parts of the video game development pipeline. This class helps students develop understanding and intuition for the techniques that make gameplay and accompanying worlds successful. \n
**Department**
Computer Science
**When Taught**
Fall

### Credit Hours

**Min**

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
3

Note
Course changed to CSAnm 258 beginning Fall 2014.

| Title | Tags |
| --- | --- |
| Scripting Skills | 106313, 0 |

Learning Outcome
Students will be able to code in animation environments, using both Python and Houdini, build procedural environments and animate parameters using scripting expressions, and procedurally build intricate systems of models, rigs, and animation through basic coding and node-based scripting skills.

| Title | Tags |
| --- | --- |
| Increased Efficiency in Animation | 106314, 1 |

Learning Outcome
Students will be able to efficiently create both simple and complex effects with less effort as well as automate modeling, rigging, and animation processes so that intricate animation systems can be completed in a practical, timely manner.

2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

## CSANM 342 - Real-time Techniques

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
342

**Teaching Area**
CSANM

**Course Title**
Real-time Techniques

**Course Description**
This class introduces students to real-time applications. It provides principles foundational for creating video games and other real-time media. Students learn how to mock up basic game mechanics in a realtime engine, such as Unreal Engine, and create basic environments and characters for a real time engine. This is meant to be an introduction to a variety of skills that students can take further and deeper on future projects.

**Department**
Computer Science

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
CS Animation Emphasis Majors or Animation Majors; or instructor's consent

## CSANM 351R - Lighting for Three-Dimensional Graphics

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
351R

**Teaching Area**
CSANM

**Course Title**
Lighting for Three-Dimensional Graphics

**Course Description**
Developing lighting and color, and the compiling of the various elements for final images for use in three-dimensional applications.

**Department**
Computer Science

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
3

**Note**
Course changed to CSAnm 351R beginning Fall 2012.

| Title | Tags |
| --- | --- |
| Application | 204503, 1 |

**Learning Outcome**
Students will learn and apply the skills of lighting for 3D graphics.

## CSANM 352 - Animated Film Production 1

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
352

**Teaching Area**
CSANM

**Course Title**
Animated Film Production 1

**Course Description**
Early development of a film, including character design

## CSANM 353 - Previsualization

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
353

**Teaching Area**
CSANM

**Course Title**
Previsualization

**Course Description**
This class teaches the art and technical aspects of previsualization

Early development of a film, including character design, environments, pipeline, visual effects, and the look and feel the film. All pre-visualization of the film. Practice collaborative production processes through interdisciplinary creative works or experiences.

**Department**
Computer Science
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Pre-production | 213528, 0, 1, 2023-08-29 08:19:07 |

**Learning Outcome**
Students will contribute to pre-production on a film using modeling, effects, animation, and other conceptual methods as well as work through design, story, and production pipeline issues.

| Title | Tags |
| --- | --- |
| Visual effects | 213529, 0, 2, 2023-08-29 08:19:08 |

**Learning Outcome**
Students will contribute to visual effects proof of concept through pre-visualization, pipeline development, visual development, and modeling during pre-production.

This class teaches the art and technical aspects of previsualization using 3D software and cameras. This technique is crucial to the modern filmmaking process, and students will learn the process through principles and experience.

**Department**
Computer Science
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CSANM 250 - Intermediate Three-Dimensional Computer Graphics
  **AND** CSANM 252 - Introduction to Three-Dimensional Animation

**Additional Comments:**

## CSANM 354 - Materials and Surfacing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CSANM | 354 |

**Teaching Area**
CSANM
**Course Title**
Materials and Surfacing

## CSANM 355 - Photography for Animation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CSANM | 355 |

**Teaching Area**
CSANM
**Course Title**
Photography for Animation

**Course Description**
Shading and rendering techniques for the attainment of desired visual effects: use of shading languages for the realization of both photorealistic and non-photorealistic imaging.
**Department**
Computer Science
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Note**
Course changed to CSAnm 354 beginning Fall 2012.

| Title | Tags |
| --- | --- |
| Technical Proficiency | 213530, 0, 1, 2023-08-29 08:19:12 |

**Learning Outcome**
Students will be able to create shaders and understand how shading fits into a production pipeline. Students will have the ability to implement technical, programmatic, and mathematical under-the-hood principles used to generate procedural patterns, displacements, and surface models.

| Title | Tags |
| --- | --- |
| Matching Visual Direction | 213531, 0, 2, 2023-08-29 08:19:14 |

**Learning Outcome**
Students will be able to light and surface objects with color patterns, displacement, surface models, and lighting to match already lit live-action scenes. Students will be able to manage technical and artistic aspects of shading and rendering techniques for creating art-directable surface textures for computer-generated (CG) visual effects and animated films.

**Course Description**
Layout, references, camera technology and terminology, application of composition, lighting, and core art skills emphasized.
**Department**
Computer Science
**When Taught**
Spring Term

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Note**
Course changed to CSAnm 355 beginning Fall 2012.

| Title | Tags |
| --- | --- |
| Practices and artistry | 204491, 1 |

**Learning Outcome**
Students will understand and be able to use current technologies to transfer information from digital photography to animation artifacts. Students will understand how artistic requirements inform when and how to use photography to support animation.

## CSANM 450 - Animated Film Production 2

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
450

**Teaching Area**
CSANM

**Course Title**
Animated Film Production 2

**Course Description**
In-depth experiences creating computer animations and visual effects. Senior film front-end development and introduction to full animation production.

**Department**
Computer Science

**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Note**
Course changed to CSAnm 450 beginning Fall 2012.

| Title | Tags |
| --- | --- |
| Dynamic Roles in Production | 213532, 0, 1, 2023-08-29 08:19:18 |

**Learning Outcome**
Students will be able to contribute to the production of an animated film by specializing in visual effects, shaders/surfacing, compositing, rendering, lighting, editing, pipeline development, animation, or a combination of these.

| Title | Tags |
| --- | --- |
| Collaboration, Synergy, and Compromise | 213533, 0, 2, 2023-08-29 08:19:20 |

**Learning Outcome**
Students will be able to align their efforts to the art direction, story direction, audio, and

## CSANM 452 - Animated Film Production 3

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
452

**Teaching Area**
CSANM

**Course Title**
Animated Film Production 3

**Course Description**
Portfolio development based on advanced animation/design projects. Senior film production and post production.

**Department**
Computer Science

**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Note**
Course changed to CSAnm 452R beginning Fall 2012.

| Title | Tags |
| --- | --- |
| Polish and Publish | 213534, 0, 1, 2023-08-29 08:19:21 |

**Learning Outcome**
Students will be able to apply the skills necessary to finish off and publish a senior film, including rendering, compositing, and audio, as well as solve complicated last-minute problems on a project, both individually and collaboratively.

| Title | Tags |
| --- | --- |
| Marketing Materials | 213535, 0, 2, 2023-08-29 08:19:22 |

**Learning Outcome**
Students will be able to work together to create publicity and supplemental materials for a film project.

production constraints of an animated project. Students will also be able to collaborate with a diverse team and work through the unexpected challenges working with a team creates on an animated film.

## CSANM 453R - Special Topics in Advanced Graphics

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
453R

**Teaching Area**
CSANM

**Course Title**
Special Topics in Advanced Graphics

**Course Description**
Researching new technologies in animation and visualization. Topics might include real-time technologies, three-dimensional data acquisition, performance capture, or new entertainment platforms.

**Department**
Computer Science

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
3

**Note**
Course changed to CSAnm 453R beginning Fall 2012.

| Title | Tags | Learning Outcome |
|---|---|---|
| Emerging graphics practices | 204492, 1 | Students will be able to implement, apply, and extend state-of-the-art practices in computer graphics relevant for animation. |

## CSANM 454 - Advanced Shading

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
454

**Teaching Area**
CSANM

**Course Title**
Advanced Shading

**Course Description**
Advanced shading, rendering, and lighting methods for creating virtual scenes that emphasize story and innovatively meet an art director's vision through traditional and procedural methods.

**Department**
Computer Science

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
3

**Note**
Course changed to CSAnm 454 beginning Fall 2012.

| Title | Tags | Learning Outcome |
|---|---|---|
| Practice and artistry of shading | 204493, 1 | Students will understand the artistic importance and subtleties of shading, and be able to implement/extend state-of-the-art practices in shading for animation. |

## CSANM 458 - Three-Dimensional Visual Effects

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
458

## CSANM 459 - Video Game Production 1

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
459

**Teaching Area**

**Teaching Area**
CSANM
**Course Title**
Three-Dimensional Visual Effects
**Course Description**
Exploring procedural and three-dimensional animation methods to create realistic special effects. Applying a large spectrum of animation principles to integrate their effects aesthetically and convincingly into a live action or animated environment.
**Department**
Computer Science
**When Taught**
Spring Term

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Note**
Course changed to CSAnm 458 beginning Fall 2012.

| Title | Tags |
|---|---|
| Effects Creation | 106826, 0 |

**Learning Outcome**
Students will be able to model, animate, light, and composite virtual environmental effects and character effects such as fire, smoke, water, and so forth.

| Title | Tags |
|---|---|
| Artistry in Technical Achievement | 187210, 1 |

**Learning Outcome**
Students will be able to balance the artistry and technical aspects of visual effects in film.

| Title | Tags |
|---|---|
| 3D with a 2D Foundation | 187211, 2 |

**Learning Outcome**
Students will be able to apply their knowledge of hand-drawn

CSANM
**Course Title**
Video Game Production 1
**Course Description**
Using prototyping to develop game experience ideas by building a minimal viable product around a core experience idea. Participating in a team and coordinating tasks, including white-boxing, concept design, modeling, layout, rigging, and tool building.
**Department**
Computer Science
**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Junior or senior status.

| Title | Tags |
|---|---|
| Collaboration | 213536, 0, 1, 2023-08-29 08:19:29 |

**Learning Outcome**
Students will also be able to collaborate with a diverse team and work through the unexpected challenges that come with working on a team.

| Title | Tags |
|---|---|
| Collaboration, Synergy, and Compromise | 213537, 0, 2, 2023-08-29 08:19:30 |

**Learning Outcome**
Students will be able to align their efforts to the art direction, gameplay experience, audio, and production constraints of a video game project

| Title | Tags |
|---|---|
| Dynamic Roles in Production | 213538, 0, 3, 2023-08-29 08:19:32 |

**Learning Outcome**
Students will contribute to the production of an interactive video game by specializing in real-time visual effects,

effects to create effects within a 3D environmental context and merge characters into their story and environment.

animation, shaders/surfacing, lighting, gameplay prototyping, pipeline development, user interfaces, feedback signaling, or a combination of these.

## CSANM 460 - Video Game Production 2

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
460

**Teaching Area**
CSANM

**Course Title**
Video Game Production 2

**Course Description**
Polishing a video game for production as a team, including texturing, animation, FX, lighting, tool applications, AI, UI, and gameplay mechanics.

**Department**
Computer Science

**When Taught**
Winter

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Junior or senior status.

| Title | Tags |
| --- | --- |
| Dynamic Roles in Production | 213539, 0, 1, 2023-08-29 08:19:34 |

**Learning Outcome**
Students learn production and post-production skills by polishing and completing a full slice (level or stage) of their game. This includes a major focus on playtesting and applying user feedback in an iterative process. Students apply and polish the principles of game feedback and game balance.

## CSANM 494R - Special Problems in Animation

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
494R

**Teaching Area**
CSANM

**Course Title**
Special Problems in Animation

**Course Description**
Individual study in area of special interest.

**Department**
Computer Science

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

**Note**
Course changed to CSAnm 494R beginning Fall 2012.

| Title | Tags |
| --- | --- |
| Application | 204504, 1 |

**Learning Outcome**
Students will solve special problems in animation.

**Title**
Collaboration, Synergy, and Compromise

**Tags**
213540, 0, 2, 2023-08-29 08:19:35

**Learning Outcome**
Students divide up tasks including animation, modeling, lighting, FX, user interface, music, and sound, and learn to coordinate their respective roles in the greater context of the game.

## CSANM 497R - BFA Final Project

### Course Information

**Teaching Area (new)**
CSANM

**Course Number**
497R

**Teaching Area**
CSANM

**Course Title**
BFA Final Project

**Course Description**
Advanced individual project with minimum guidance, showing high degree of competence within chosen major.

**Department**
Computer Science

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
BFA advisor's consent.

**Note**
Course changed to CSAnm 497R beginning Fall 2012.

**Title**
Application

**Tags**
204505, 1

**Learning Outcome**
Students will complete a BFA final project.

## CZECH 100 - Language Study: Czech

### Course Information

**Teaching Area (new)**
CZECH

**Course Number**
100

**Teaching Area**
CZECH

**Course Title**
Language Study: Czech

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Czech.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
197025, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197026, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197027, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## CZECH 101 - First-Year Czech

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CZECH | 101 |

**Teaching Area**
CZECH
**Course Title**
First-Year Czech
**Course Description**
Beginning speaking, listening, reading, and writing skills in Czech.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 193252, 1 |

**Learning Outcome**
Understand written and spoken

## CZECH 102 - First-Year Czech

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CZECH | 102 |

**Teaching Area**
CZECH
**Course Title**
First-Year Czech
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Czech.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 193262, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 193270, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193279, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

Prerequisites

**Complete ALL of the following Courses:**

- CZECH 101 - First-Year Czech

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Speaking | 193288, 1 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Comprehension | 193296, 2 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Writing | 193305, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193313, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## CZECH 201 - Second-Year Czech

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CZECH | 201 |

**Teaching Area**
CZECH
**Course Title**
Second-Year Czech
**Course Description**

## CZECH 211R - Second-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| CZECH | 211R |

**Teaching Area**
CZECH
**Course Title**
Second-Year Conversation
**Course Description**

Intermediate speaking, listening, reading, and writing skills in Czech.

**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CZECH 102 - First-Year Czech

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Vocabulary | 193322, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Elaboration | 193330, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|

Intermediate listening comprehension and speaking skills in Czech.

**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CZECH 201 - Second-Year Czech

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Conversation | 193358, 1 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

| Title | Tags |
|---|---|
| Survival Transactions | 193368, 2 |

**Learning Outcome**
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 193375, 3 |

**Learning Outcome**
Be understood by native speakers unaccustomed to dealing with non-native speakers.

| Grammar | 193339, 3 |
|---|---|

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 193348, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## CZECH 305 - Language Skills Development: Czech

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CZECH | 305 |

**Teaching Area**
CZECH
**Course Title**
Language Skills Development: Czech
**Course Description**
Increasing proficiency in one or more of the following Czech language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197028, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197029, 2 |

## CZECH 321 - Advanced Grammar: Czech

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| CZECH | 321 |

**Teaching Area**
CZECH
**Course Title**
Advanced Grammar: Czech
**Course Description**
Systematic review of grammar and syntax of Czech.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Czech 202 or equivalent.
**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197031, 1 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197030, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197032, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197033, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## CZECH 330 - Cultural History of Czech Republic

### Course Information

Teaching Area (new)
CZECH
Course Number
330
Teaching Area
CZECH
Course Title
Cultural History of Czech Republic
Course Description
Study of Czech culture using interpersonal, presentational, and interpretive skills in the target language.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

## CZECH 340 - Introduction to Literature: Czech

### Course Information

Teaching Area (new)
CZECH
Course Number
340
Teaching Area
CZECH
Course Title
Introduction to Literature: Czech
Course Description
Advanced study of Czech literature. Continued emphasis on communication skills and culture.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Czech 201 or foreign residence experience
**Note**
Required course for obtaining language credit by examination (Czech 101, 102, 201, 211R). Culminating course for Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication skills | 191515, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 191516, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 191517, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 191955, 4 |

**Learning Outcome**
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awarness" requirements.

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CZECH 330 - Cultural History of Czech Republic

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197034, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197035, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197036, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197037, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## CZECH 350 - Advanced Language Study for Career Purposes: Czech

### Course Information

**Teaching Area (new)**
CZECH

**Course Number**
350

**Teaching Area**
CZECH

**Course Title**
Advanced Language Study for Career Purposes: Czech

**Course Description**
Concentration on Czech language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CZECH 330 - Cultural History of Czech Republic

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196887, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

## DANCE 131 - Jazz Dance, Beginning

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
131

**Teaching Area**
DANCE

**Course Title**
Jazz Dance, Beginning

**Course Description**
Beginning jazz dance skills and techniques.

**Department**
Dance

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

| Title | Tags |
|---|---|
| Artistic Expression | 186766, 0, 2 |

**Learning Outcome**
Students will explore personal expression through movement improvisation, rhythmic connection and musicality.

| Title | Tags |
|---|---|
| Appreciation of Dance | 186898, 0, 6 |

**Learning Outcome**
Students will articulate an appreciation of dance as an art form and a basic familiarity with accurate Jazz Dance History.

| Title | Tags |
|---|---|
| Technical Ability | 186891, 0, 0 |

| Title | Tags |
| --- | --- |
| Knowledge | 196889, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196891, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196894, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196895, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

**Learning Outcome**
Students will demonstrate improved beginning level jazz dance skills including:

alignment
strength
flexibility
endurance
balance
coordination
body shaping

## DANCE 135 - Tap Dance, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 135 |

**Teaching Area**
DANCE
**Course Title**
Tap Dance, Beginning
**Course Description**
Fundamentals of tap dance technique

## DANCE 140 - Contemporary Modern Dance, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 140 |

**Teaching Area**
DANCE
**Course Title**
Contemporary Modern Dance, Beginning

Fundamentals of tap dance technique.

**Department**
Dance
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210781, 0, 1 |

**Learning Outcome**
Students will develop basic tap dance skills and learn the movement vocabulary specific to tap dance.

| Title | Tags |
| --- | --- |
| Technique and Artistry | 210782, 0, 2 |

**Learning Outcome**
Students will explore beginning improvisational exercises.

| Title | Tags |
| --- | --- |
| Research and Theory | 210783, 0, 3 |

**Learning Outcome**
Students will learn the history of tap dance and methods of tap notation.

**Course Description**
Beginning contemporary modern dance technique, improvisation, choreography, and theory.
**Department**
Dance
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Dance as an Art Form | 186787, 4 |

**Learning Outcome**
Students will articulate an awareness and appreciation of dance as an art form.

| Title | Tags |
| --- | --- |
| Technical Ability | 186813, 1 |

**Learning Outcome**
Students will demonstrate beginning technical ability in the areas of:·flexibility· strength and endurance· control of parallel and turn out positions

| Title | Tags |
| --- | --- |
| Improvisation and Composition | 186936, 3 |

**Learning Outcome**
Students will demonstrate creative problem solving and interpersonal skills through collaborative improvisation and composition experiences

| Title | Tags |
| --- | --- |
| Elements of Dance | 186954, 2 |

**Learning Outcome**

Students will demonstrate and articulate an understanding of the elements of dance (energy, space, and time).

| Title | Tags |
| --- | --- |
| Modern/Contemporary Dance History | 186969, 5 |

**Learning Outcome**
Students will articulate knowledge of basic modern/contemporary dance history

## DANCE 164 - Music for Movement

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 164 |

**Teaching Area**
DANCE
**Course Title**
Music for Movement
**Course Description**
Theory and technique to increase knowledge and skills in accompanying dance; including understanding of musicality through movement and how music supports movement experiences.
**Department**
Dance
**When Taught**
Winter

#### Credit Hours

**Min**
0.5

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Movement and Music | 186785, 1 |

**Learning Outcome**
Students will analyze the shared

## DANCE 170 - Cultural Dance Introduction

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 170 |

**Teaching Area**
DANCE
**Course Title**
Cultural Dance Introduction
**Course Description**
Recreational folk dances from selected world cultures.
**Department**
Dance
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

characteristics of movement and music by creating and discussing movement phrases.

| Title | Tags |
| --- | --- |
| Movement Disciplines | 186860, 2 |

**Learning Outcome**
Students will evaluate the appropriateness of particular movement disciplines for solving real physical and musical problems.

| Title | Tags |
| --- | --- |
| Kinesthetic Awareness | 186872, 0 |

**Learning Outcome**
Students will understand the connection between music and dance by practicing and integrating kinesthetic awareness with musicality.

| Title | Tags |
| --- | --- |
| Musical Awareness | 186893, 3 |

**Learning Outcome**
Students will increase musical awareness by choreographing and performing a solo to varied musical styles.

## DANCE 171 - American Clog Dance, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 171 |

**Teaching Area**
DANCE
**Course Title**
American Clog Dance, Beginning
**Course Description**
Fundamentals of clogging
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**

## DANCE 172 - American Folk Dance Forms, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 172 |

**Teaching Area**
DANCE
**Course Title**
American Folk Dance Forms, Beginning
**Course Description**
Traditional American dance forms including country western line, round, square and contra dance.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210788, 0, 1 |

Learning Outcome
Students will develop beginning clogging dance skills and learn the movement vocabulary specific to beginning clogging dance.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210789, 0, 2 |

Learning Outcome
Students will learn current competition level beginning routines.

| Title | Tags |
| --- | --- |
| Research and Theory | 210790, 0, 3 |

Learning Outcome
Students will study the history of clogging dance and methods of clogging.

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

## DANCE 173R - Culture-Specific Dance Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 173R |

Teaching Area
DANCE
Course Title
Culture-Specific Dance Beginning
Course Description
Introduction to dance cultures: variable culture focus.
Department
Dance
When Taught
Contact Department

## DANCE 174 - Irish Dance, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 174 |

Teaching Area
DANCE
Course Title
Irish Dance, Beginning
Course Description
Introduction to traditional Irish dance techniques and skills.
Department
Dance
When Taught
Contact Department

### Credit Hours

### Credit Hours

Min
0

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

| Title | Learning Outcome |
| --- | --- |
| Technique and Artistry | 1. demonstrate correct technique and skills |
| Sequencing | 2. develop accurate sequential movement patterns, step combinations, and rhythms |
| Technique and Artistry | 3. establish stylistically correct alignment, placement and weight shifting |
| Theory | 4. increase in cultural theory knowledge |

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

| Title | Tags | Learning Outcome |
| --- | --- | --- |
| Technical Skill and Artistry | 210796, 0, 1 | Students will demonstrate Irish solo, soft and hard shoe dances and ceili dances with correct technique. |
| Technical Skill and Artistry | 210797, 0, 2 | Students will develop accurate sequential movment patterns, step combinations, and rhythms. |
| Technical Skill and Artistry | 210798, 0, 3 | Students will establish stylistically correct alignment, placement and weight shifting. |
| Research and Theory | 210799, 0, 4 | Students will increase in cultural knowledge in Irish dance music, costuming and history. |

## DANCE 175 - Polynesian Dance, Beginning

### Course Information

## DANCE 180 - Social Dance, Beginning

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
175

**Teaching Area**
DANCE

**Course Title**
Polynesian Dance, Beginning

**Course Description**
Introduction to selected Polynesian dance techniques and skills.

**Department**
Dance

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

| Title | Tags | Learning Outcome |
|---|---|---|
| Technical Skill and Artistry | 210802, 0, 3 | Students will estabilish stylistically correct alignment, placement, and weight shifting. |
| Research and Theory | 210803, 0, 4 | Students will develop a greater understanding and appreciation for the Polynesian culture through music, costuming, and history. |
| Technical Skill and Artistry | 210800, 0, 1 | Students will learn basic movement techniques and styles of selected Polynesian Dance. |

**Title**

**Tags**

**Teaching Area (new)**
DANCE

**Course Number**
180

**Teaching Area**
DANCE

**Course Title**
Social Dance, Beginning

**Course Description**
Traditional and popular ballroom dance; also social skills.

**Department**
Dance

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

| Title | Tags | Learning Outcome |
|---|---|---|
| Social Skills | 186856, 4 | Students will improve their social skills though knowledge and practice. |
| Demonstrate Leading and Following | 186902, 3 | Students will demonstrate their ability to lead and follow through their participation at labs and through exams. |
| Beginning School Figures | 186914, 1 | Students will demonstrate beginning level school figures associated with each dance by practice and application. |

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210801, 0, 2 |

**Learning Outcome**
Students will demonstrate accurate sequential movement patterns, step combinations and rhythms.

| Title | Tags |
| --- | --- |
| Beginning Technique | 187063, 2 |

**Learning Outcome**
Students will demonstrate beginning level the technique (including footwork, rhythm, alignment, and styling) associated with each dance by practice and application.

## DANCE 181 - Country Western Social Dance, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 181 |

**Teaching Area**
DANCE
**Course Title**
Country Western Social Dance, Beginning
**Course Description**
Beginning popular country western dance.
**Department**
Dance
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Footwork, rhythm, alignment and styling | 186743, 1 |

**Learning Outcome**
Students will demonstrate beginning level technique (including footwork, rhythm, alignment, and styling) associated with each dance by practice and application.

## DANCE 184 - Ballroom Dance, International Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 184 |

**Teaching Area**
DANCE
**Course Title**
Ballroom Dance, International Beginning
**Course Description**
Bronze level. Waltz, fox-trot, tango, quickstep.
**Department**
Dance
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Demonstrate Bronze Level Ballroom School Figures | 186603, 1 |

**Learning Outcome**
Students will be able to effectively demonstrate bronze level school figures of International Style Waltz and Quickstep.

| Title | Tags |
| --- | --- |
| Social skills | 186761, 3 |

**Learning Outcome**
Students will improve their social skills though knowledge and practice.

| Title | Tags |
| --- | --- |
| Leading and following | 186921, 2 |

**Learning Outcome**
Students will demonstrate their ability to lead and follow through their participation at labs and through exams.

| Title | Tags |
| --- | --- |
| School figures | 186952, 0 |

**Learning Outcome**
Students will demonstrate the beginning level school figures associated with each dance by practice and application.

| Title | Tags |
| --- | --- |
| Demonstrate Beginning Level Technique | 186604, 2 |

**Learning Outcome**
Students will be able to effectively demonstrate beginning level ballroom technique in the following areas: 1) posture and dance position 2) clarity and use timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

## DANCE 185 - Latin Dance, International Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 185 |

**Teaching Area**
DANCE
**Course Title**
Latin Dance, International Beginning
**Course Description**
Bronze level. Cha-cha, rumba, samba, jive, paso doble.
**Department**
Dance
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**

## DANCE 190 - Ballet, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 190 |

**Teaching Area**
DANCE
**Course Title**
Ballet, Beginning
**Course Description**
Foundation in ballet technique.
**Department**
Dance
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

Fixed
0

### Lab Hours

Fixed
3

Title
Demonstrate Bronze Level Latin School Figures

Tags
186605, 1

Learning Outcome
Students will be able to effectively demonstrate bronze level school figures of International Style Samba and Rumba.

Title
Demonstrate Beginning Level Latin Technique

Tags
186606, 2

Learning Outcome
Students will be able to effectively demonstrate beginning level technique in the following areas:1) posture and dance position 2) clarity and use timing 3)proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills.

### Lab Hours

Fixed
3

Title
Technique Objective

Tags
186923, 0, 0

Learning Outcome

Each student will:
1. Acquire a degree of mastery in beginning ballet technique.

Title
Written Objectives

Tags
187181, 0, 1

Learning Outcome

Each student will:
1. Acquire a working knowledge of French ballet terminology.
2. Articulate observed personal growth throughout the course of the semester.

Title
Professionalism Objective

Tags
186941, 0, 2

Learning Outcome

Each student will:
1. Demonstrate an understanding of professionalism and ballet etiquette.

## DANCE 192 - Character Dance

### Course Information

Teaching Area (new)
DANCE

Course Number
192

Teaching Area
DANCE

Course Title
Character Dance

Course Description
Beginning character dance technique representing various traditional European dance styles.

Department
Dance

When Taught
Winter

### Credit Hours

## DANCE 229R - Dance Performance 1

### Course Information

Teaching Area (new)
DANCE

Course Number
229R

Teaching Area
DANCE

Course Title
Dance Performance 1

Course Description
Participation as dancers in concert dance production.

Department
Dance

When Taught
Fall and Winter

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210804, 0, 1 |

Learning Outcome
Students will demonstrate steps, exercises, and sequences of selected styles of character dance.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210805, 0, 2 |

Learning Outcome
Students will be able to identify and demonstrate stylistic characteristics of various styles of character dance.

| Title | Tags |
| --- | --- |
| Research and Theory | 210806, 0, 3 |

Learning Outcome
Students will learn historical and cultural aspects related to the development of character dance.

| Title | Tags |
| --- | --- |
| Research and Theory | 210807, 0, 4 |

Learning Outcome
Students will analyze a live characer dance performance.

Min
0.5

Fixed
3

Other Prerequisites
Production director's consent

| Title | Tags |
| --- | --- |
| Performance Groups | 186607, 1 |

Learning Outcome
The learning outcomes of this course will be correlated somewhat with the learning outcomes of one of the regular dance performance groups. However, due to the individualized nature of this course, individual outcomes will be designed by the instructor based upon the needs and opportunities of the student.

## DANCE 230 - Conditioning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

## DANCE 231R - Jazz Dance Technique 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

DANCE 230

**Teaching Area**
DANCE
**Course Title**
Conditioning
**Course Description**
Dance 230 is designed on the principles of experiential learning in physical exercise, mental practice and spiritual reflection.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CELL 220 - Human Anatomy (with lab)

**Additional Comments:**

| Title | Tags |
|---|---|
| Injury Prevention | 213547, 0, 1, 2023-08-29 08:32:18 |

**Learning Outcome**
Students will gain knowledge of training and conditioning principles, nutrition, mental health, and gospel principles that will help them maintain optimum health, preventing injury.

| Title | Tags |
|---|---|
| Conditioning Program Participation | 213548, 0, 2, 2023-08-29 08:32:20 |

**Learning Outcome**
Students will increase their

DANCE 231R

**Teaching Area**
DANCE
**Course Title**
Jazz Dance Technique 1
**Course Description**
Intermediate jazz dance technique.
**Department**
Dance
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 240R or Dance 290 or equivalent; Dance 131 or equivalent.

| Title | Tags |
|---|---|
| Artistic Expression | 186614, 0, 3 |

**Learning Outcome**
Students will demonstrate personal expression through movement improvisation focusing on the following skills:

Immediacy
Spotaneity
Instincts
Rhythm
Musical connection

| Title | Tags |
|---|---|
| Appreciation of Dance | 186615, 0, 4 |

**Learning Outcome**
Students will articulate an appreciation of dance as an art form, an understanding of various Jazz Dance Styles, and a familiarity with accurate Jazz Dance History.

| Title | Tags |
|---|---|

Students will increase their overall fitness, explosiveness and athleticism.

| Title | Tags |
| --- | --- |
| Body, Mind, Spirit Connectivity | 213549, 0, 3, 2023-08-29 08:32:21 |

Learning Outcome
Students will increase their physical aptitude and gain a working knowledge of mindfulness, nutrition and spiritual practices to thrive as balanced artists in careers centered in dance.

| Title | Tags |
| --- | --- |
| Technical Ability | 186612, 0, 1 |

Learning Outcome
Students will acquire intermediate level jazz dance skills including:

alignment
strength
flexibility
endurance
balance
coordination
body shaping
body connectivity
phrasing
performance skills
seqence rentention

## DANCE 233 - Aerial Dance Technique

### Course Information

**Course Number**
233
**Teaching Area**
DANCE
**Course Title**
Aerial Dance Technique
**Course Description**
A hybrid dance form, where movement training, strength, and athletic awareness come together to allow students to create their own Aerial Dance Act.
Apparatuses available to explore include Hoop (Lyra), Corde Lisse (Rope), Straps, and
Silks. Time and focus of class is divided evenly between composition, conditioning and
new skill development, students are encouraged to transfer a broad range of previous
movement knowledge to this vertical art form. The course culminates in an informal
showing to a campus wide audience.
**Department**
Dance
**When Taught**
Winter

#### Credit Hours

**Fixed**
1

#### Lab Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Technique Development | 213550, 0, 1, 2023-08-29 08:32:27 |

## DANCE 234 - Pilates

### Course Information

**Course Number**
234
**Teaching Area**
DANCE
**Course Title**
Pilates
**Course Description**
This class will challenge the intermediate through advanced dancer with exercises from the Pilates repertoire that focus on core strength, joint range of motion, coordination, proper alignment, balance, stability, and overall improved mind-body connection.
**Department**
Dance
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
1

#### Lab Hours

**Fixed**
3

| Tags | Learning Outcome |
| --- | --- |
| 213554, 0, 1, 2023-08-29 08:32:33 | Students will perform any and all exercises from the studied Pilates repertoire. |

Learning Outcome

Learning Outcome
Students will develop strength, flexibility, connectivity, air awareness/body shaping

Title
Aerial Awareness and Control
Tags
213551, 0, 2, 2023-08-29 08:32:28

Learning Outcome
Students will develop beginning skills with the following Aerial Apparatus: Lyra (Hoop), Spanish Web, Aerial Straps, Butterfly Lift, Basic Handstand training moving into Basic Tumbling – Dive Rolls, Cartwheels, etc.

Title
Skill and Performance Assessment and Writing
Tags
213552, 0, 3, 2023-08-29 08:32:30

Learning Outcome
Students will describe, assess and write about achievement of aerial technical skills and how it relates to their technique as a dancer.

Title
Gospel Principles and the Human Body
Tags
213553, 0, 4, 2023-08-29 08:32:31

Learning Outcome
Students will articulate appreciation for the divine nature of the human body as it relates to gospel principles as well as the relationship between mind/body/spirit.

Tags
213555, 0, 2, 2023-08-29 08:32:34

Students will discuss safety, progression and execution of each exercise.

Learning Outcome
Students will have a greater awareness of personal functional movement patterns and how Pilates can help to balance the musculoskeletal system.

Tags
213556, 0, 3, 2023-08-29 08:32:35

## DANCE 235R - Tap Dance Technique 1

### Course Information

Teaching Area (new)
DANCE
Course Number
235R
Teaching Area
DANCE
Course Title
Tap Dance Technique 1
Course Description
Intermediate tap dance technique.
Department
Dance
When Taught
All Semesters/Terms

## DANCE 240R - Contemporary Modern Dance, Technique and Theory 1

### Course Information

Teaching Area (new)
DANCE
Course Number
240R
Teaching Area
DANCE
Course Title
Contemporary Modern Dance, Technique and Theory 1
Course Description
Fundamental contemporary modern dance technique, improvisation, choreography, and theory.
Department
Dance
When Taught

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 135 or equivalent

| Title | Tags |
|---|---|
| Technical Skill and Artistry | 210809, 0, 2 |

**Learning Outcome**
Students will learn the movement vocabulary specific to tap dance.

| Title | Tags |
|---|---|
| Technical Skill and Artistry | 210810, 0, 3 |

**Learning Outcome**
Students will increase rhythmic awareness and clarity through the process of improvisation and learned combinations.

| Title | Tags |
|---|---|
| Research and Theory | 210812, 0, 5 |

**Learning Outcome**
Students will study the history and styles of tap dance and understand methods of tap notation.

| Title | Tags |
|---|---|
| Technical Skill and Artistry | 210808, 0, 1 |

**Learning Outcome**
Students will develop intermediate level tap dance technique, foot articulation, coordination, weight changes, performance skills, and personal style.

Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
4.5

| Title | Tags |
|---|---|
| Appreciating the Human Body | 187105, 1 |

**Learning Outcome**
1. Articulate a knowledge and appreciation of the human body regarding physical function, spirituality, and as a tool of expressivity.

| Title | Tags |
|---|---|
| Technical Ability | 187106, 2 |

**Learning Outcome**
2. Demonstrate increased technical ability in the areas of:

flexibility
strength
endurance
balance
coordination
phrasing
dance performance skills
applying the Patterns of Total Body Connectivity
kinesthetic awareness of body alignment

| Title | Tags |
|---|---|
| Elements of Dance | 187107, 3 |

**Learning Outcome**
3. Demonstrate knowledge, fundamental control, and application of the elements of dance (as defined by the BEST and BESS vocabularies).

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210811, 0, 4 |

Learning Outcome
Students will develop a kinesthetic perception to self-evaluate and self-correct.

| Title | Tags |
| --- | --- |
| Dance Appreciation | 187109, 4 |

Learning Outcome
4. Articulate an appreciation for dance as an art form.

## DANCE 241R - Contemporary Modern Dance, Technique and Theory 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 241R |

Teaching Area
DANCE
Course Title
Contemporary Modern Dance, Technique and Theory 2
Course Description
Intermediate contemporary modern dance technique and theory.
Department
Dance
When Taught
Fall, Winter, Summer

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

Note
This course is required for entry into the dance program.

| Title | Tags |
| --- | --- |
| Appreciating the Human Body | 187135, 1 |

Learning Outcome
1. Articulate a knowledge and appreciation of the human body regarding physical function, spirituality, and as a tool of expressivity.

## DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 243R |

Teaching Area
DANCE
Course Title
Studio Workshop in Contemporary Modern Dance Technique and Theory
Course Description
Intermediate contemporary modern technique and theory in a workshop setting.
Department
Dance
When Taught
Fall and Winter

### Credit Hours

Fixed
2.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
7.5

Other Prerequisites
Instructor's consent

| Title | Tags |
| --- | --- |
| Body Connectivity and Kinesthetic Awareness | 187139, 1 |

Learning Outcome
Students will demonstrate increased body connectivity and kinesthetic awareness, including:

Breath

| Title | Tags |
| --- | --- |
| Technical Ability | 187136, 2 |

**Learning Outcome**
2. Demonstrate increased technical ability in the areas of:

flexibility
strength
endurance
balance
coordination
phrasing
dance performance skills
applying the Patterns of Total Body Connectivity
kinesthetic awareness of body alignment
Core-distal
Head-tail
Upper-lower
Body-half
Cross-lateral connections

| Title | Tags |
| --- | --- |
| Elements of Dance | 187137, 3 |

**Learning Outcome**
3. Demonstrate knowledge, fundamental control, and application of the elements of dance (as defined by the BEST and BESS vocabularies).

| Title | Tags |
| --- | --- |
| Dance Appreciation | 187138, 4 |

**Learning Outcome**
4. Articulate an appreciation for dance as an art form.

| Title | Tags |
| --- | --- |
| Performance Skills | 187140, 2 |

**Learning Outcome**
Demonstrate performance skills including intent, nuance, dynamics, and sense of ensemble.

| Title | Tags |
| --- | --- |
| Anatomical and Dance Language | 187141, 3 |

**Learning Outcome**
Articulate and analyze the above principles of technique using accurate anatomical and dance elements language.

## DANCE 244R - Beginning Creative Processes

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 244R |

**Teaching Area**
DANCE
**Course Title**
Beginning Creative Processes
**Course Description**
Foundational dance improvisation and choreography in a workshop setting.
**Department**
Dance
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
1

## DANCE 245 - Foundational Street Dance Styles

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 245 |

**Teaching Area**
DANCE
**Course Title**
Foundational Street Dance Styles
**Course Description**
Studio course facilitating freestyle movement and surveying various street dance forms.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Recommended**
Dance 240 or 241

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 241R - Contemporary Modern Dance, Technique and Theory 2

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 245 - Foundational Street Dance Styles

**Additional Comments:**

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| Improvisation and Choreography | 187142, 1 |

**Learning Outcome**
Students will demonstrate, apply, and articulate a fundamental understanding of the elements of dance in improvisation and choreography.

| Title | Tags |
|---|---|
| Collaboration and Problem Solving | 187143, 2 |

**Learning Outcome**
Students will demonstrate problem solving skills in collaborative group and solo improvisation and choreography.

| Title | Tags |
|---|---|
| Avoiding Habit and Cliche | 187144, 3 |

**Learning Outcome**
Students will demonstrate the ability to create original and personally meaningful movement - avoiding habit or cliche.

**Title**
Creative Process and Movement Intention

**Tags**
187145, 4

**Learning Outcome**
Students will articulate a knowledge of, and critically analyze, the creative process and movement intention in improvisation and choreography.

**Title**
Aesthetics and Values

**Tags**
186625, 5

**Learning Outcome**
Students will articulate aesthetic and expressive values in dance and other arts.

## DANCE 260 - Introduction to Dance

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
260

**Teaching Area**
DANCE

**Course Title**
Introduction to Dance

**Course Description**
Critical analysis of dance as a cultural and expressive art form, studied through lecture, reading, research, multimedia presentations, and practical movement experiences.

**Department**
Dance

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## DANCE 261 - Freshman Seminar in Dance

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
261

**Teaching Area**
DANCE

**Course Title**
Freshman Seminar in Dance

**Course Description**
Introduction to dance as both a discipline and a unique culture at Brigham Young University. Lectures, reading, discussions, viewings, and writing.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

Fixed
0

Note
No previous dance experience required.

### Lab Hours

Fixed
3

| Title | Tags |
| --- | --- |
| Critical Review and Observation | 186626, 1 |

Learning Outcome
Students will be able to hone in on important information while also providing their own thoughtful reactions to what they have read.

| Title | Tags |
| --- | --- |
| Laban Movement Analysis Midterm | 186627, 2 |

Learning Outcome
Students will understand principles, terminology, and execution of Laban Movement Analysis.

| Title | Tags |
| --- | --- |
| Dance Concert Analyses | 186628, 3 |

Learning Outcome
Students will develop critical analysis skills.

| Title | Tags |
| --- | --- |
| Group Presentation | 186629, 4 |

Learning Outcome
Students will delve into a dance related topic of interest to them and develop group collaboration and presentation skills.

| Title | Tags |
| --- | --- |
| Dance Analysis Papers | 186630, 5 |

Learning Outcome
Students will understand the common aspects of several forms of dance through analysis of how aesthetic principles and varied movement techniques are applied and emphasized within various dance genres.

## DANCE 264 - Music for Dancers

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
264

**Teaching Area**
DANCE

**Course Title**
Music for Dancers

**Course Description**
Practical application of musical theory related to dance performance, pedagogy, and choreography.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

| Title | Tags | Learning Outcome |
|---|---|---|
| Performance Outcomes | 186631, 1 | Demonstrate an understanding of basic musical concepts through physical movement. |
| Performance Outcomes | 186632, 2 | Acquire improved awareness of his/her physical responses to music. |
| Teaching Outcomes | 186633, 3 | Demonstrate the ability to utilize music appropriately in the technique class and collaborate with musicians |

## DANCE 270 - Cultural Dance Technique 1

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
270

**Teaching Area**
DANCE

**Course Title**
Cultural Dance Technique 1

**Course Description**
Intermediate level recreational dances and specific dance technique from selected world cultural styles.

**Department**
Dance

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 170 - Cultural Dance Introduction

**Additional Comments:**

| Title | Tags | Learning Outcome |
|---|---|---|
| Technical Skill and Artistry | 212819, 0, 1 | Students will experience recreational folk dancing in a large group setting. |
| Research and Theory | 212820, 0, 2 | Students will view and write |

with musicians.

about world dance in a performance setting.

| Title | Tags |
| --- | --- |
| Teaching/Choreography Outcomes | 186634, 4 |

**Learning Outcome**
Demonstrate musical awareness by creating appropriate movement to odd meter music and binary/ternary rhythms.

| Title | Tags |
| --- | --- |
| Choreography Outcomes | 186635, 5 |

**Learning Outcome**
Acquire improved listening skills to use music to stage or create choreography

## DANCE 271R - Clogging Dance Intermediate Technique 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 271R |

**Teaching Area**
DANCE
**Course Title**
Clogging Dance Intermediate Technique 1
**Course Description**
Fundamentals of intermediate Clogging and PowerTap technique.
**Department**
Dance
**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 171 or equivalent

## DANCE 272R - Culture-Specific Dance Technique 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 272R |

**Teaching Area**
DANCE
**Course Title**
Culture-Specific Dance Technique 1
**Course Description**
Intermediate techniques and skills of dance cultures; variable culture focus.
**Department**
Dance
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

Learning Outcome
Students will learn traditional and contemporary clogging techniques including arm movements, footwork, alignment and weight shifts.

Tags
213557, 0, 1, 2023-08-29 08:32:50

Learning Outcome
Students will learn and execute intermediate movement vocabulary using correct clog dance terminology.

Tags
213558, 0, 2, 2023-08-29 08:32:52

Title
Students will make original sequences and patterns using learned steps and movement vocabulary.

Tags
213559, 0, 3, 2023-08-29 08:32:53

Title
Students will demonstrate a knowledge of the history and progression of clog dance.

Tags
213560, 0, 4, 2023-08-29 08:32:55

Other Prerequisites
Previous dance experience.

Title
Technique and Artistry

Learning Outcome
1. demonstrate correct technique and skills

Title
Sequencing

Learning Outcome
2. develop accurate sequential movement patterns, step combinations, and rhythms

Title
Technique and Artistry

Learning Outcome
3. establish stylistically correct alignment, placement and weight shifting

Title
Theory

Learning Outcome
4. increase in cultural theory knowledge

## DANCE 273R - Hungarian Dance Technique 1

### Course Information

Teaching Area (new)
DANCE

Course Number
273R

Teaching Area
DANCE

Course Title
Hungarian Dance Technique 1

Course Description
Hungarian dance techniques and skills from throughout the Carpathian Basin. \n\n

Department
Dance

When Taught
Winter

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

## DANCE 274R - Irish Dance Technique 1

### Course Information

Teaching Area (new)
DANCE

Course Number
274R

Teaching Area
DANCE

Course Title
Irish Dance Technique 1

Course Description
Intermediate Irish dance techniques and skills of selected set, ceili, and solo dances.

Department
Dance

When Taught
Fall and Winter

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

Other Prerequisites
Previous dance experience.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 214717, 0, 1 |

Learning Outcome

Students will demonstrate proficiency in selected Hungarian couple, solo, and group dance dialects and technical skills.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 214719, 0, 3 |

Learning Outcome

Students will develop improvisational skills in selected traditional couple and solo dances.

| Title | Tags |
| --- | --- |
| Research and Theory | 214721, 0, 4 |

Learning Outcome

Students will increase in cultural knowledge of Hungarian dance music, traditional dress, and historical context.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 214722, 0, 5 |

Learning Outcome

Students will develop improvisational skills in selected traditional couple and solo dances.

### Lab Hours

Fixed
3

Other Prerequisites
Dance 174 (Irish Dance, Beginning) or equivalent.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210826, 0, 1 |

Learning Outcome

Students will demonstrate Irish solo soft and hard shoe dances and ceili dances with correct technique.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210827, 0, 2 |

Learning Outcome

Students will develop accurate sequential movement patterns, step combinations, and rhythms.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210828, 0, 3 |

Learning Outcome

Students will increase in cultural knowledge in Irish dance music, costuming, and history.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 212813, 0, 4 |

Learning Outcome

Students will establish stylistically correct alignment, placement and weight shifting.

## DANCE 275 - Polynesian Dance Technique 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 275 |

Teaching Area
DANCE

## DANCE 276R - Exploration of Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 276R |

Teaching Area
DANCE

**Course Title**
Polynesian Dance Technique 1
**Course Description**
Intermediate techniques and skills of selected dances from throughout the Polynesian Islands.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 175 or previous experience.

| Title | Tags |
|---|---|
| Technical Skill and Artistry | 210829, 0, 1 |

**Learning Outcome**
Students will demonstrate movement technique and styles of selected Polynesian dances.

| Title | Tags |
|---|---|
| Technical Skill and Artistry | 210831, 0, 3 |

**Learning Outcome**
Students will establish stylistically correct alignment, placement, and weight shifting.

| Title | Tags |
|---|---|
| Research and Theory | 210832, 0, 4 |

**Learning Outcome**
Students will develop a greater understanding and appreciation for the Polynesian culture through music, costuming, and history.

| Title | Tags |
|---|---|
| Technical Skill and Artistry | 210830, 0, 2 |

**Course Title**
Exploration of Teaching
**Course Description**
Field-based, initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching developmentally sequenced dance in K-12 settings.
**Department**
Dance
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
  **AND** DANCE 244R - Beginning Creative Processes
  **AND** DANCE 261 - Freshman Seminar in Dance

**Additional Comments:**

**Other Prerequisites**
Major approval; FBI fingerprint and background clearance

| Title | Tags |
|---|---|
| Teaching Standards and Guidelines | 187152, 3 |

**Learning Outcome**
3. Identify and analyze the following teaching standards and guidelines:

National Standards for Dance Education
State Core Curriculum
INTASC Standards
Moral Dimensions (SANE 3)

| Title | Tags |
|---|---|
| Teaching Dance in Elementary, Junior High and High School | 187153, 1 |

**Learning Outcome**
1. identify the challenges and uniqueness involved with

| Technical Skill and Artistry | 210856, 3, 2 |
|---|---|

**Learning Outcome**
Students will show accurate sequential movement patterns, step combinations and rhythms.

uniqueness involved with teaching dance in the Elementary, Junior High and High School settings.

| Title | Tags |
|---|---|
| Effective Teaching Methods and Personal Philosophy | 187154, 2 |

**Learning Outcome**
2. articulate a personal philosophy about the role of dance in education and effective teaching methods and strategies that they will apply as future teachers.

| Title | Tags |
|---|---|
| Self-Assessment | 187155, 4 |

**Learning Outcome**
4. identify and self-assess their own qualifications for entering the teaching profession, including perceived strengths and weaknesses based on the aforementioned standards.

| Title | Tags |
|---|---|
| Teaching Skills, Preparation, and Technical Ability | 187156, 5 |

**Learning Outcome**
5. demonstrate emerging teaching skills, including strong voice, teacher presence, planning/preparation, professionalism, and technical ability for modeling/demonstrating.

## DANCE 277 - Spanish Dance Technique 1

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| DANCE | 277 |

**Teaching Area**
DANCE
**Course Title**
Spanish Dance Technique 1
**Course Description**
Spanish dance techniques and skills of selected traditional dance styles.
**Department**
Dance
**When Taught**
Winter Odd Years

## DANCE 278 - Ukrainian Dance Technique 1

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| DANCE | 278 |

**Teaching Area**
DANCE
**Course Title**
Ukrainian Dance Technique 1
**Course Description**
Ukrainian dance techniques and skills from selected dance styles.
**Department**
Dance
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Previous dance experience.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210833, 0, 1 |

**Learning Outcome**
Students will demonstrate technique and skills of selected dance styles from throughout Spain.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210834, 0, 2 |

**Learning Outcome**
Students will develop accurate sequential movement patterns, step combinations, and rhythms.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210835, 0, 3 |

**Learning Outcome**
Students will establish stylistically correct alignment, placement and weight shfiting.

| Title | Tags |
| --- | --- |
| Research and Theory | 210836, 0, 4 |

**Learning Outcome**
Students will increase in cultural knowledge of Spanish music, costuming and history.

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 190 or Dance 192 or previous dance experience

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210839, 0, 3 |

**Learning Outcome**
Students will develop basic Ukrainian dance vocabulary.

| Title | Tags |
| --- | --- |
| Research and Theory | 210840, 0, 4 |

**Learning Outcome**
Students will increase in knowledge related to Ukrainian dance, music, costuming, and history.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210837, 0, 1 |

**Learning Outcome**
Students will demonstrate proficiency in stylistic movement combinations from various regions of Ukraine.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210838, 0, 2 |

**Learning Outcome**
Students will show accurate movement patterns, step combinations, alignment, and rhythms.

## DANCE 279 - Indian Dance Technique 1

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
279

**Teaching Area**
DANCE

**Course Title**
Indian Dance Technique 1

**Course Description**
Indian dance technique from selected classical, folk, and popular dance styles.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

## DANCE 280 - Social Dance, Technique 1

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
280

**Teaching Area**
DANCE

**Course Title**
Social Dance, Technique 1

**Course Description**
Silver level: Waltz, Foxtrot, Swing, Cha-Cha, West Coast Swing, Viennese Waltz.

**Department**
Dance

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 180 or equivalent

| Title | Tags | Learning Outcome |
|---|---|---|
| Dance Practice and Application | 186669, 1 | Students will demonstrate the school figures associated with each dance by practice and application. |
| Dance Technique | 186670, 2 | Students will demonstrate the technique (including footwork, rhythm, alignment, and styling) associated with each dance by practice and application. |
| Lab and Exam Participation | 186671, 3 | |

Learning Outcome
Students will demonstrate their ability to lead and follow through their participation at labs and through exams.

## DANCE 281 - Country Western Social Dance, Intermediate

### Course Information

Teaching Area (new): DANCE
Course Number: 281
Teaching Area: DANCE
Course Title: Country Western Social Dance, Intermediate
Course Description: Intermediate-level instruction in popular country western dances.
Department: Dance
When Taught: Fall and Winter

**Credit Hours**
Min: 1
Fixed: 1

**Lecture Hours**
Fixed: 0

**Lab Hours**
Fixed: 3

Other Prerequisites
Dance 181 or equivalent.

Title: Dance Philosophy and the Mission of BYU
Tags: 186672, 1
Learning Outcome
Students will embrace a philosophy of dance compatible with the mission of BYU that guides their personal choices in the professional or recreational worlds of dance.

## DANCE 284 - Ballroom Dance, International Technique 1

### Course Information

Teaching Area (new): DANCE
Course Number: 284
Teaching Area: DANCE
Course Title: Ballroom Dance, International Technique 1
Course Description: Silver level. Waltz, fox-trot, tango, quickstep.
Department: Dance
When Taught: All Semesters/Terms

**Credit Hours**
Min: 1
Fixed: 1

**Lecture Hours**
Fixed: 0

**Lab Hours**
Fixed: 3

Other Prerequisites
Dance 184 or equivalent.

Title: Demonstrate silver level ballroom school figures
Tags: 186909, 1
Learning Outcome
1. Students will be able to effectively demonstrate silver level school figures of International Style Waltz, Tango and Foxtrot.

Title

| Title | Tags |
| --- | --- |
| Advanced Technical and Artistic Skill | 186673, 2 |

**Learning Outcome**
Students will demonstrate advanced technical skill and artistic skill in one dance genre and at least beginning to intermediate skill in another.

| Title | Tags |
| --- | --- |
| Demonstrate, intermediate level, ballroom technique | 187008, 2 |

**Learning Outcome**
2. Students will be able to effectively demonstrate intermediate level technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

## DANCE 285 - Latin Dance, International Technique 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 285 |

**Teaching Area**
DANCE
**Course Title**
Latin Dance, International Technique 1
**Course Description**
Silver level. Cha-cha, rumba, samba, jive, paso doble.
**Department**
Dance
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 185 or equivalent.

| Title | Tags |
| --- | --- |
| Demonstrate silver level latin school figures | 186827, 1 |

**Learning Outcome**
1. Students will be able to effectively demonstrate silver

## DANCE 290 - Ballet Accelerated Technique 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 290 |

**Teaching Area**
DANCE
**Course Title**
Ballet Accelerated Technique 1
**Course Description**
Foundation in ballet technique.
**Department**
Dance
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Audition or Dance 190.

| Title | Tags |
| --- | --- |
| Writing Objectives | 187178, 0, 2 |

**Learning Outcome**

Each student will:
1. Acquire a working knowledge

effectively demonstrate silver level school figures of International Style Samba, Rumba and Paso Doble.

| Title | Tags |
| --- | --- |
| Demonstrate, intermediate level, latin technique | 187014, 2 |

**Learning Outcome**
2. Students will be able to effectively demonstrate intermediate level technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

1. Acquire a working knowledge of French ballet terminology.
2. Articulate observed personal growth throughout the course of the semester.

| Title | Tags |
| --- | --- |
| Professionalism Objectives | 186810, 0, 4 |

**Learning Outcome**

Each student will:
1. Demonstrate and understanding of professionalism and ballet etiquette.

| Title | Tags |
| --- | --- |
| Technique Objectives | 186985, 0, 1 |

**Learning Outcome**

Each student will:
1. Be able to communicate a fundamental awareness of movement and ballet technique principles through kinesthetic means.

## DANCE 291R - Ballet Technique 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 291R |

**Teaching Area**
DANCE
**Course Title**
Ballet Technique 2
**Course Description**
Intermediate ballet technique.
**Department**
Dance
**When Taught**
All Semesters/Terms

### Credit Hours

**Fixed**
2.5

### Lecture Hours

**Fixed**
0

## DANCE 294R - Ballet Technique, Men

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 294R |

**Teaching Area**
DANCE
**Course Title**
Ballet Technique, Men
**Course Description**
Intermediate ballet technique for men.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
0

### Lab Hours

Fixed
7.5

Other Prerequisites
Audition required.

| Title | Tags |
| --- | --- |
| Professionalism Objective | 186802, 0, 8 |

Learning Outcome

Each student will:
1. Demonstrate an understanding of professionalism and ballet etiquette.

| Title | Tags |
| --- | --- |
| Writing Objectives | 186951, 0, 5 |

Learning Outcome

Each student will:
1. Acquire a working knowledge of French ballet terminology.
2. Articulate observed personal growth throughout the course of the semester.

| Title | Tags |
| --- | --- |
| Intermediate Beginning Ballet Technique | 186854, 0, 1 |

Learning Outcome

Each student will:
1. Be able to communicate a growing awareness of movement and intermediate ballet technique principles through kinesthetic means.

### Lab Hours

Fixed
4.5

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 290 - Ballet Accelerated Technique 1

**Additional Comments:**

Recommended
Dance 291 is recommended prior to taking this course

| Title | Tags |
| --- | --- |
| Improvement in Postural Awareness, Strength, etc. | 186675, 2 |

Learning Outcome
Students will Increase postural awareness; begin to correct imperfections; add physical strength, endurance, flexibility, extension, coordination, grace, precision and elevation; and improve the health and appearance of the physical body.

| Title | Tags |
| --- | --- |
| Awareness of Physical Potential | 186676, 4 |

Learning Outcome
Students will acquire improved awareness of the physical body and its capacity to move.

| Title | Tags |
| --- | --- |
| Improved Sense of Self Worth | 186677, 5 |

Learning Outcome
Students will gain a sense of personal accomplishment and worth.

| Title | Tags |
| --- | --- |
| Relationship between Religion and Fine Arts | 186678, 6 |

Learning Outcome
Enlarge one's understanding of the relationship between religion and the fine arts.

| Title | Tags |
| --- | --- |
| Desire to Patronize Ballet in the Future | 186679, 7 |

**Learning Outcome**
Students will increase in desire to patronize the art to some degree in the future.

| Title | Tags |
| --- | --- |
| Evaluation Standard | 186680, 10 |

**Learning Outcome**
Students will develop an evaluation standard to aid in selecting future quality ballet training for self and/or for family.

| Title | Tags |
| --- | --- |
| Awareness and Appreciation of Ballet | 187025, 3 |

**Learning Outcome**
Students will Increase their awareness and appreciation for ballet, its aesthetic beauty, demanding discipline, and lifelong benefit of enhancing and integrating the physical, spiritual, intellectual, and emotional aspects.

| Title | Tags |
| --- | --- |
| Male Technique | 206763, 1 |

**Learning Outcome**
Students will acquire a degree of mastery in men's beginning and intermediate ballet technique.

## DANCE 300 - Music Theatre in Contemporary Culture

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 300 |

**Teaching Area**
DANCE
**Course Title**
Music Theatre in Contemporary Culture
**Course Description**
Analysis of the form, evolution and influence of music dance theatre in Western culture.
**Department**
Dance

## DANCE 317 - Advanced Writing for Dance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 317 |

**Teaching Area**
DANCE
**Course Title**
Advanced Writing for Dance
**Course Description**
This course will expose students to rhetorical principles and situations encountered in the field of dance. Students will refine skills in various genres of academic, persuasive and professional writing, as well as oral communication, supporting their development as dance artists, scholars, educators and advocates. \n

Dance
When Taught
Fall

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Music dance theatre BFA major status; concurrent enrollment in MUSIC 300 and TMA 300.

Recommended
Concurrent enrollment in Music 328, Dance 328, and TMA 328

Title
MDT Analysis and Communication

Tags
187724, 0, 1

Learning Outcome
Students will analyze, synthesize and articulate the significant facets of music, dance and theatre within the historical context of the musical theatre genre.

Department
Dance
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 244R - Beginning Creative Processes

Prerequisites

**Complete ALL of the following Courses:**
- TMA 228 - Acting 2
  **AND** TMA 241 - Screenwriting 1

**Additional Comments:**

Other Prerequisites
1st year writing course.
Note
Fulfills the Advanced Writing and Oral Communication GE requirement.

Title
Audience and purpose

Tags
214713, 0, 1

Learning Outcome

Identify the audience and articulate the purpose for a given writing assignment.

Develop an individual and accessible voice appropriate for multiple audiences.

Recognize that everything's an argument and so also persuasive, but arguments are presented differently depending on the purpose and audience. EX: Creative writing uses a more subtle and art-centered form of persuasion while analytical and research writing use more direct persuasive techniques.

Apply advanced rhetorical (argument presentation) strategies in written and oral texts to inform, persuade, or otherwise engage diverse audiences.

**Title**
Advanced library research techniques

**Tags**
214714, 0, 2

**Learning Outcome**

The literature review is specifically concerned with research that solves a problem and requires analysis and synthesis of other's ideas rather than just informing the reader on a topic.

Summarize facts, data and information from sources in a clear, coherent manner, especially for the lit review and grant proposal but also for the formal presentation.

Demonstrate a nuanced, in-depth understanding of the ethical treatment of information.

Apply advanced research methods and techniques, including the evaluation of secondary source material, towards the composition of both a thesis-driven, source-based essay and an oral presentation.

**Title**
Elegant written and visual presentation of information

**Tags**
214715, 0, 3

**Learning Outcome**

In all the forms, use rich, evocative language-compressed, concrete, and even musical language (where appropriate) that evokes understanding but also emotion in the reader. The prose should employ sensory words and phrases.

Apply and adopt audience-appropriate sentence and paragraph-level conventions, such as grammar, mechanics, and structure, while developing more advanced considerations of style and tone.

Develop advanced composition processes (generating ideas, drafting, revising, and editing) to improve sophisticated written texts and oral communication recursively.

**Title**
Critical and analytical thinking on an accelerated level

**Tags**
214716, 0, 4

**Learning Outcome**

Employ sophisticated choreographic analysis using elements of dance, choreographic structures and meaning making. (Concert critique)

Develop advanced critical reading strategies to analyze the context, rhetorical techniques, substance, potential bias, and intended effects of information and ideas.

Develop valid arguments and think beyond superficial topics of discussion, i.e., less obvious and non-saturated areas of dance research for the literature review, grant application, and dance performance critique.

Advanced oral communication.

Practice presentation techniques whose goal is to engage, inspire, educate, inform, and challenge the audience (see assessment sheet for formal presentations).

Professional use of mechanics and documentation format. Papers are free from surface and grammar errors. The layout, design, and documentation style are appropriate for the form (research, critical, and creative writing).

## DANCE 320R - Young Ambassadors

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
320R

**Teaching Area**
DANCE

**Course Title**
Young Ambassadors

**Course Description**
Participation as soloists, coaches, or directors in music dance theatre performances.

**Department**
Dance

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Audition and director's consent

## DANCE 326 - Dance for the Elementary Classroom

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
326

**Teaching Area**
DANCE

**Course Title**
Dance for the Elementary Classroom

**Course Description**
Methodology course for elementary education majors; creative dance and structured rhythmic dance forms.

**Department**
Dance

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Professional Collaboration | 210345, 0, 2 |

**Learning Outcome**
2. Students will exhibit positive and professional collaboratiive skills and behaviors through:

punctuality
preparedness
generous participation
positive attitude

| Title | Tags |
| --- | --- |
| Performance Skills | 210344, 0, 1 |

**Learning Outcome**
1. Students will demonstrate enhanced performance abilities through successful completion of rehearsal and performance events.

| Title | Tags |
| --- | --- |
| Dance knowledge and skills | 186815, 3 |

**Learning Outcome**
Students will increase knowledge and develop skills in the dance discipline, including:· The elements of dance: space, motion, time, energy· Problem solving through movement· Choreographic skills

| Title | Tags |
| --- | --- |
| Incorporate dance into school projects | 186924, 5 |

**Learning Outcome**
Students will identify ways to incorporate dance into school-wide projects that create community, including dance festivals and performances.

| Title | Tags |
| --- | --- |
| Age appropriate materials and pedagogy | 186931, 4 |

**Learning Outcome**
Students will identify age appropriate material and pedagogy that address the needs of the wide age span of elementary students.

| Title | Tags |
| --- | --- |
| Dance in elementary schools | 186947, 0 |

**Learning Outcome**
Students will identify the value of dance in the elementary setting, including the following benefits:· Decision making skills· Confidence and self-expression· Cultural perspective· Collaboration and social skills· Physical skills and kinesthetic learning· Accessibility for a diverse population· Recreation and fun

| Title | Tags |
| --- | --- |
| Dance methodology | 186997, 1 |

**Learning Outcome**
Students will demonstrate sound dance methodology, including:· Teaching

structured dance forms· Leading the creative process· Clear verbalization of directions, cues, side-coaching, and feedback

| Title | Tags |
| --- | --- |
| Teaching resouces | 187007, 2 |

**Learning Outcome**
Students will identify various dance teaching resources that enrich the curriculum, including:· State Core Curriculum· National Standards· Music resources

## DANCE 327R - Living Legends

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 327R |

**Teaching Area**
DANCE
**Course Title**
Living Legends
**Course Description**
Performance that specializes in the music and cultural dance of the Native American, Latin, and Polynesian cultures. Performers will focus on technique and analysis, cultural expertise, performance skills, and leadership. \n
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Audition and director approval

| Title | Tags |
| --- | --- |
| Technique and Analysis | 210849, 0, 1 |

**Learning Outcome**
Students will increase in technique (footwork, core/posture, partnering, focus

## DANCE 328 - Script, Movement and Score Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 328 |

**Teaching Area**
DANCE
**Course Title**
Script, Movement and Score Analysis
**Course Description**
The integration into performance of information gathered from careful research and analysis of movement style, script and score.
**Department**
Dance
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Other Prerequisites | Recommended |
| --- | --- |
| Music dance theatre BFA major status; concurrent enrollment in | Concurrent enrollment in Music 300 and TMA 300 |

core/ posture, partnering, focus, etc.) and critical analysis of the cultural dances for the countries, tribes, and nations that they are representing.

| Title | Tags |
| --- | --- |
| Cultural and Spiritual | 210850, 0, 2 |

**Learning Outcome**
Students will investigate the cultural significance of the dances they are performing, and the relationship that ancestors had to God and each other through dance.

| Title | Tags |
| --- | --- |
| Performance and Leadership | 210851, 0, 3 |

**Learning Outcome**
Students will devlop increased performance skills (energy, commitment, floor craft, etc.) and leadership skills through rehearsal, service, and performance.

MUSIC 328 and TMA 328.

| Title | Tags |
| --- | --- |
| Professional Conduct | 187679, 5 |

**Learning Outcome**
Students will approach their work in a competent, courteous and professional manner.

| Title | Tags |
| --- | --- |
| Performance Analysis and Integration | 187932, 0, 3 |

**Learning Outcome**
Students will integrate their analysis of the script, score and movement into their performance.

| Title | Tags |
| --- | --- |
| Performance Improvement | 187783, 0, 2 |

**Learning Outcome**
Students will demonstrate in their class performances essential musical theatre skills in acting, movement and voice production.

## DANCE 331R - Jazz Dance Technique 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 331R |

**Teaching Area**
DANCE
**Course Title**
Jazz Dance Technique 2
**Course Description**
Advanced jazz dance technique.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**

## DANCE 335R - Tap Dance Technique 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 335R |

**Teaching Area**
DANCE
**Course Title**
Tap Dance Technique 2
**Course Description**
Advanced tap dance technique.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**

0

### Lab Hours

**Fixed**
4.5

**Other Prerequisites**
Dance 231 or equivalent. Dance 241R and Dance 243; or Dance 291R.

| Title | Tags |
| --- | --- |
| Artistic Expression | 186881, 0, 7 |

**Learning Outcome**
Students will demonstrate personal expression through movement improvisation focusing on the following skills:

Immediacy
Spontaneity
Instincts
Rhythm
Musical connection
Meditation/stillness
Limitations

| Title | Tags |
| --- | --- |
| Appreciation of Dance | 186992, 0, 14 |

**Learning Outcome**
Students will articulate their personal voice through movement, an appreciation of dance as an art form, and an understanding of various Jazz Dance Styles.

| Title | Tags |
| --- | --- |
| Technical Ability | 186974, 0, 1 |

**Learning Outcome**
Students will acquire intermediate/advanced level jazz dance skills and mechanics including:

alignment
strength
flexibility
endurance
balance
coordination
body shaping
body connectivity
phrasing
performance skills
musicality
appropriate styling
sequence retention and nuance

0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 235 or equivalent.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 212814, 0, 1 |

**Learning Outcome**
Students will develop advanced level tap dance technique and vocabulary, including foot articulation, coordination, weight changes, rhythm, performance skills and personal style.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 212815, 0, 2 |

**Learning Outcome**
Students will develop a kinesthetic perception to self-evaluate and self-correct.

| Title | Tags |
| --- | --- |
| Research and Theory | 212818, 0, 5 |

**Learning Outcome**
Students will explore the theory and processes of composition and improvisation.

| Title | Tags |
| --- | --- |
| Research and Theory | 212816, 0, 3 |

**Learning Outcome**
Students will study key figures in tap dance history and current trends in tap.

| Title | Tags |
| --- | --- |
| Research and Theory | 212817, 0, 4 |

**Learning Outcome**
Students will demonstrate methods of tap notation.

## DANCE 340R - Contemporary Modern Dance, Technique and Theory 3

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
340R

**Teaching Area**
DANCE

**Course Title**
Contemporary Modern Dance, Technique and Theory 3

**Course Description**
Intermediate-advanced contemporary modern dance technique and theory.

**Department**
Dance

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
2.5

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Dance 243R or equivalent; by audition.

| Title | Tags |
|---|---|
| Dance Performance Artistry | 187111, 1 |

**Learning Outcome**
Demonstrate increased dance performance artistry in:

sequence mastery
musicality
expressivity
personal interpretation
nuance
ensemble

| Title | Tags |
|---|---|
| Intermediate/Advanced Modern Dance Technical Proficiency | 187112, 2 |

**Learning Outcome**
Demonstrate intermediate/advanced Modern dance technical proficiency in

whole body connectivity
strength & flexibility

## DANCE 341R - Contemporary Modern Dance Technique Forms

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
341R

**Teaching Area**
DANCE

**Course Title**
Contemporary Modern Dance Technique Forms

**Course Description**
Intermediate-advanced contemporary modern dance techniques and theory,

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2.5

**Fixed**
2.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
7.5

**Other Prerequisites**
Dance 340 or equivalent; by audition.

| Title | Tags |
|---|---|
| Contemporary/Modern Dance as an Art Form | 187117, 1 |

**Learning Outcome**
Articulate understanding of Contemporary/Modern dance as an art form

| Title | Tags |
|---|---|
| Dance Performance Artistry | 186772, 1 |

**Learning Outcome**
2. Demonstrate increased dance performance artistry in:sequence masterymusicalityexpressivitypersonal interpretationnuanceensemble

breath initiation and support
consistent core support
functional alignment
balance & coordination
groundedness and weight sensing
shape clarity, spatial accuracy and range
focus
rhythmic accuracy
articulation
dynamic contrast
complex movement skills

**Title**
Technical and Performance Skill Analysis

**Tags**
187113, 3

**Learning Outcome**
Describe, assess and write about demonstrated achievement of technical and performance skill

**Title**
Applying Feedback

**Tags**
187114, 4

**Learning Outcome**
Show sustained application of feedback from assessments

**Title**
Contemporary/Modern Dance as an Art Form

**Tags**
187115, 5

**Learning Outcome**
Articulate understanding of Contemporary/Modern dance as an art form

**Title**
Dance and Gospel Principles

**Tags**
187116, 6

**Learning Outcome**
Articulate dance connections to gospel principles mind, body and spirit

**Title**
Technical and Performance Skill Analysis

**Tags**
186818, 2

**Learning Outcome**
Describe, assess and write about demonstrated achievement of technical and performance skill

**Title**

**Title**
Intermediate/Advanced Proficiency in Ballet and Contemporary

**Tags**
186843, 0

**Learning Outcome**
1. Demonstrate intermediate/advanced technical proficiency in both ballet and contemporary dance technique. Areas requiring proficiency include:whole body connectivitystrength & flexibilitybreath initiation and supportconsistent core supportfunctional alignmentbalance & coordinationgroundedness and weight sensingshape clarity, spatial accuracy and rangefocusrhythmic accuracyarticulationdynamic contrastcomplex movement skills

**Title**
Dance and Gospel Principles

**Tags**
186899, 5

**Learning Outcome**
6. Articulate dance connections of gospel principles in mind, body and spirit

**Title**
Technical Skill and Performance Analysis

**Tags**
186942, 2

**Learning Outcome**
3. Describe, assess, and write about:demonstrated achievement of technical and performance skill.the essential and developing relationship that exists between ballet and contemporary dance movement.

**Title**
Applying Feedback

**Tags**
186976, 3

**Learning Outcome**
4. Show consistent and sustained application of feedback from daily class and assessments.

**Title**
Intermediate/Advanced Ballet and Contemporary Vocabulary

**Tags**
187010, 4

**Learning Outcome**

| Title | Tags |
| --- | --- |
| Contemporary/Modern Dance as an Art Form | 186838, 4 |

**Learning Outcome**
Articulate understanding of Contemporary/Modern dance as an art form

| Title | Tags |
| --- | --- |
| Dance and Gospel Principles | 186962, 5 |

**Learning Outcome**
Articulate dance connections to gospel principles mind, body and spirit

| Title | Tags |
| --- | --- |
| Applying Feedback | 186971, 3 |

**Learning Outcome**
Show sustained application of feedback from assessments

| Title | Tags |
| --- | --- |
| Intermediate/Advanced Contemporary Dance Technical Proficiency | 187110, 1 |

**Learning Outcome**
Demonstrate intermediate/advanced Contemporary dance technical proficiency in

whole body connectivity
strength & flexibility
breath initiation and support
consistent core support
functional alignment
balance & coordination
groundedness and weight sensing
shape clarity, spatial accuracy and range
focus
rhythmic accuracy
articulation
dynamic contrast
complex movement skills

5. Demonstrate intermediate/advanced knowledge of ballet and contemporary vocabulary through participation, observation, discussion, and writing.

## DANCE 342 - Kinesiology for Dancers

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 342 |

**Teaching Area**
DANCE

## DANCE 343 - Principles of Somatics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 343 |

**Teaching Area**
DANCE

**Course Title**
Kinesiology for Dancers
**Course Description**
Study and analysis of the neuromusculoskeletal system in practical application to dance for more efficient use of the body and reduction of injuries.
**Department**
Dance
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CELL 220 - Human Anatomy (with lab)
  **AND** DANCE 230 - Conditioning

Prerequisites

**Complete ALL of the following Courses:**
- CELL 210 - Human Anatomy (with virtual lab)
  **AND** DANCE 230 - Conditioning

**Additional Comments:**

**Other Prerequisites**
PDBIO 220 Highly Recommended

| Title | Tags |
|---|---|
| Differences in body structure and function | 187182, 7 |

**Learning Outcome**
Differentiate variations in body structure and function and identify strategies for working with differences and variations.

**Course Title**
Principles of Somatics
**Course Description**
Experiential approach to movement training including body patterning. Integration and personal expression of body and movement choices.
**Department**
Dance
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 261 - Freshman Seminar in Dance

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in a 200 level (or higher) technique course highly recommended

| Title | Tags |
|---|---|
| Somatic Principles and Practices | 187026, 6 |

**Learning Outcome**
Students will be able to:
1. identify and demonstrate a basic theoretical and practical understanding of selected Somatic principles and practices.

| Title | Tags |
|---|---|
| Movement Awareness and Understanding | 187027, 7 |

**Learning Outcome**
2. demonstrate an awareness and understanding of movement

| Title | Tags |
| --- | --- |
| Personal movement efficiency | 187183, 6 |

**Learning Outcome**
Improve personal postural and movement efficiency.

| Title | Tags |
| --- | --- |
| Imagery, Proprioception and Fascial Theory | 187185, 0, 5 |

**Learning Outcome**
Articulate and embody skills incorporating imagery, proprioception and fascial theory.

| Title | Tags |
| --- | --- |
| Musculoskeletal alignment and function | 187184, 0, 2 |

**Learning Outcome**
Recognize and articulate correct alignment and optimal function of the musculoskeletal system.

from a place of inward knowing.

| Title | Tags |
| --- | --- |
| Teaching and Coaching Practices | 187030, 10 |

**Learning Outcome**
5. integrate the concepts of the class into the practical applications of teaching, coaching and re-patterning for self or other.

| Title | Tags |
| --- | --- |
| Personal Movement Choices | 187029, 0, 9 |

**Learning Outcome**
4. articulate the joys and consequences of their own personal movement choices

| Title | Tags |
| --- | --- |
| Physical Connectivity | 187028, 0, 8 |

**Learning Outcome**
3. physically embody principles of connectivity

## DANCE 345 - Accelerated Street Dance Styles

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 345 |

**Teaching Area**
DANCE
**Course Title**
Accelerated Street Dance Styles
**Course Description**
Studio course facilitating accelerated skills, freestyle movement, and surveying of various street dance and hip hop traditions including breaking, poppin, lockin, and party dances. These skills will be addressed mainly through physical practice in class and includes readings, viewings, listening, and an off-campus community event to understand the cultural context of hip hop dance. Classes will perform tasks and battle in each evaluation, as well as in the final exam.\n
**Department**
Dance
**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
1.5

## DANCE 346 - Dance and Diaspora

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 346 |

**Teaching Area**
DANCE
**Course Title**
Dance and Diaspora
**Course Description**
An exploration of the impacts of globalization, migration, and information technology on dance and diaspora. The course will survey several diasporic dance forms, their roots, variations, movement qualities, and teaching methods. Social, cultural, historical, aesthetic, and functional elements will be considered as they pertain to authenticity, sustainability, and teaching/learning.
**Department**
Dance
**When Taught**
Fall

#### Credit Hours

**Fixed**
3

#### Lecture Hours

### Lecture Hours

Fixed
4.5

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 245 - Foundational Street Dance Styles

**Additional Comments:**

Other Prerequisites
Instructor Approval

Learning Outcome
Students will be able to identify and embody foundational movement vocabulary from several street dance and hip-hop styles.
Tags
213541, 0, 1, 2023-08-29 08:31:46

Learning Outcome
Students will be able to improvise within street dance style frameworks and vocabularies at an intermediate-advanced level and express one's own personal style.
Tags
213542, 0, 2, 2023-08-29 08:31:47

Learning Outcome
Students will be able to interpret movement vocabulary, qualities, and musicality into a personal movement style that is revealed in freestyling and cyphers.
Tags
213543, 0, 3, 2023-08-29 08:31:49

Learning Outcome
Students will recognize and identify significant people, places, and events within the communities that contributed to the evolution of street dance and hip-hop.
Tags
213544, 0, 4, 2023-08-29 08:31:50

Learning Outcome
Students will synthesize and

Fixed
1.5

### Lab Hours

Fixed
2.5

Recommended
Dance 170, Dance 180, or Dance 245

Title
Students will analyze and evaluate the effects of globalization, migration, and information technology on dance, diaspora, and living/dynamic cultures.
Tags
213561, 0, 1, 2023-08-29 08:33:46

Learning Outcome
Students will embody and demonstrate emerging dance skills in at least two different dance diasporic forms such as African diaspora, Asian diaspora, or Latin diaspora.
Tags
213562, 0, 2, 2023-08-29 08:33:47

Learning Outcome
Students will synthesize and evaluate social, cultural, historical, aesthetic, and functional elements of various dance forms.
Tags
213563, 0, 3, 2023-08-29 08:33:49

Learning Outcome
Students will demonstrate design and teach dance diaspora activities and lessons with cultural sensitivity and appropriate contextualization.
Tags
213564, 0, 4, 2023-08-29 08:33:50

Learning Outcome
Students will self-assess dispositions, knowledge, and skills of pertinent dance diaspora theory and practice.
Tags
213565, 0, 5, 2023-08-29 08:33:51

| | |
|---|---|
| Tags | Students will synthesize and evaluate implications of culture, race, appropriation, and community as it applies to street dance styles through a personal research project and presentation. |
| 213545, 0, 5, 2023-08-29 08:31:52 | |

| | |
|---|---|
| Tags | Learning Outcome<br>Students will reflect and articulate body, mind, and spirit connections |
| 213546, 0, 6, 2023-08-29 08:31:54 | |

## DANCE 348R - Kinnect

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
348R

**Teaching Area**
DANCE

**Course Title**
Kinnect

**Course Description**
Educational outreach dance company specifically focusing on developing teaching, creative, and performance skills.

**Department**
Dance

**When Taught**
Winter

**Credit Hours**

**Min**
1

**Fixed**
2

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
6

**Other Prerequisites**
Audition. Concurrent enrollment in a contemporary modern technique course such as Dance 241R, Dance 243R, Dance 340R, Dance 341R, Dance 440R, or by instructor approval. Concurrent or previous enrollment in Dance 365. Background clearance

| Title | Tags |
|---|---|
| Leadership in Production and Teaching | 186741, 4 |

## DANCE 351 - Laban Movement Analysis

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
351

**Teaching Area**
DANCE

**Course Title**
Laban Movement Analysis

**Course Description**
Tools to make sense of, and derive meaning from movement. Constituent movement components that facilitate accuracy in teaching, performance, and choreography.

**Department**
Dance

**When Taught**
Winter

**Credit Hours**

**Min**
2

**Fixed**
2

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

Learning Outcome
4. Demonstrate leadership within the group by fulfilling specific roles and assignments related to the creation, production, presentation, and teaching tasks of the company

| Title | Tags |
| --- | --- |
| Professionalism and Advocacy | 186804, 6 |

Learning Outcome
7. Demonstrate dance education professionalism and advocacy

| Title | Tags |
| --- | --- |
| Evaluating and Modifying Lessons and Dances | 186831, 5 |

Learning Outcome
6. Evaluate, modify and adapt original presentations, lessons and dances in authentic dance experiences in schools, museums and/or conferences

| Title | Tags |
| --- | --- |
| Performance and Improvisation | 186863, 3 |

Learning Outcome
3. Demonstrate increased performance and improvisation skill in real world venues

| Title | Tags |
| --- | --- |
| Collaborative Choreography for Performance | 186966, 1 |

Learning Outcome
1. Collaboratively choreograph theme based dances for an educational lecture performance

| Title | Tags |
| --- | --- |
| Teaching Dance to Children | 186986, 2 |

Learning Outcome
2. Demonstrate creative dance teaching skills with children in elementary schools

- DANCE 261 - Freshman Seminar in Dance

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Systematic Movement Description | 186786, 1 |

Learning Outcome
2. Describe a movement event systematically using the aspects of the system.

| Title | Tags |
| --- | --- |
| Laban Movement Application and Skill | 186904, 2 |

Learning Outcome
3. Demonstrate functional skill in both a personal and professional application of LMA, including appropriate notational forms and/or specialized terminologies.

| Title | Tags |
| --- | --- |
| Laban Movement Fundamentals | 187023, 0 |

Learning Outcome
Each student will be able to:1. Identify the basic vocabulary, concepts and principles that are used in LMA.

## DANCE 354 - Dance and Identity

### Course Information

## DANCE 355 - Dance Production, Introduction

## Course Information

**Teaching Area (new)**
DANCE

**Course Number**
354

**Teaching Area**
DANCE

**Course Title**
Dance and Identity

**Course Description**
Exploration of studies and issues regarding dance and identity. Topics include but are not limited to gender, race, ethnicity, culture, spirituality, and dance genre specificities.

**Department**
Dance

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

## Course Information

**Teaching Area (new)**
DANCE

**Course Number**
355

**Teaching Area**
DANCE

**Course Title**
Dance Production, Introduction

**Course Description**
Principles and practices of technical aspects of dance production.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Title**
Elements of Artistic Vision

**Tags**
186681, 3

**Learning Outcome**
Students will demonstrate an understanding of the relationship of light, color, fabric, and technology; and how to use that knowledge to accomplish an artistic vision.

**Title**
Theatrical Production Theory and Practice

**Tags**
186779, 1

**Learning Outcome**
2. Students will demonstrate basic competency (in theory and practice) of theatrical production principles, including lighting, costuming, and technologies for dance performances

**Title**
Technical Theatre Equipment and Techniques

**Tags**
186944, 0

| | |
|---|---|
| and techniques | 1809 1, 0 |

**Learning Outcome**
1. Students will identify and articulate a knowledge of equipment, techniques, and procedures in technical theatre.

## DANCE 357 - Dance - A Reflection of Culture

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| DANCE | 357 |

**Teaching Area**
DANCE
**Course Title**
Dance - A Reflection of Culture
**Course Description**
Application of dance ethnology theory and practices to study cultures of the world and its people.
**Department**
Dance
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Research and Theory | 210844, 0, 1 |

**Learning Outcome**
Students will understand the appearance and augmentation of important scientific dance terminology such as ethnochoreology, dance ethnology, and ethnography, how they interface today, and their anthropological roots.

## DANCE 358 - Dance and Film

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| DANCE | 358 |

**Teaching Area**
DANCE
**Course Title**
Dance and Film
**Course Description**
Studies in dance and film.
**Department**
Dance
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
  **AND** DANCE 244R - Beginning Creative Processes
  **AND** DANCE 261 - Freshman Seminar in Dance

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Research and Theory | 210845, 0, 2 |

**Learning Outcome**
Students will critically analyze culture, utilizing frameworks of understanding including the concepts of cultural identity, race, ethnicity, and heritage, etc.

| Title | Tags |
| --- | --- |
| Research and Theory | 210846, 0, 3 |

**Learning Outcome**
Students will conduct and present research through the lens of an ethnochoreologist paying close attention to cultural significance, religious and ritual function and symbolism.

| Title | Tags |
| --- | --- |
| Research and Theory | 210847, 0, 4 |

**Learning Outcome**
Students will be able to articulate the concepts of cross-cultural study, emic and etic perspectives, vival and reflective dance, etc.

## DANCE 359R - Special Topics and Issues

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 359R |

**Teaching Area**
DANCE
**Course Title**
Special Topics and Issues
**Course Description**
Seminar in topics and issues relevant to dance.
**Department**
Dance
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

## DANCE 362 - Contemporary Modern Dance Choreography Intermediate

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 362 |

**Teaching Area**
DANCE
**Course Title**
Contemporary Modern Dance Choreography Intermediate
**Course Description**
Intermediate choreographic studies in contemporary modern dance.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

**Fixed**
2

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
  **AND** DANCE 244R - Beginning Creative Processes

**Additional Comments:**

**Title**
Cultivating Respect and Courtesy for Different Viewpoints
**Tags**
187101, 1

**Learning Outcome**
Students will build character by cultivating a respect for differing points of view, and applying courtesy during the individual expression sessions. The course content will encourage independent thinking and individual responsibility.

**Title**
Analysis of Spiritual Connections
**Tags**
186682, 1

**Learning Outcome**
Students will analyze spiritual connections between gospel principles and aesthetic concepts. This includes :
- Open expression of reverence for the Creator, His Creations, and the act of creativity.
- Compatible choices in the dance profession with the Latter-day Saint standards and culture.

**Title**
Exploration Intellectual Reasoning in Dance
**Tags**
186683, 2

**Learning Outcome**
Students will explore intellectual reasoning in the field of dance aesthetics including:

## Lecture Hours

**Fixed**
0

## Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 244R - Beginning Creative Processes

**Additional Comments:**

**Title**
Dance Composition Fundamentals
**Tags**
187076, 1

**Learning Outcome**
1. Students will learn technical elements, process and crafting principles of composition, such as: transitions, traditional formations, dynamic structure, stylistic coherence, form, musical dynamics and phrasing.

**Title**
Aesthetic Criteria and Analysis
**Tags**
187077, 2

**Learning Outcome**
2. Students will develop a critical eye in analyzing and forming own aesthetic criteria.

**Title**
Ethno-Choreographic Elements
**Tags**
187078, 3

**Learning Outcome**
3. Students will discover ethno-choreographic elements of a particular style or cultural group.

**Title**
Issues in Dance Composition
**Tags**
187079, 4

**Learning Outcome**
4. Students will address issues of authenticity versus creativity, traditional versus contemporary.

Discovery of important aesthetic and ethical issues with clear analytical critical thinking. Risk-taking, connecting, and synthesizing personal meaning from complex ambiguities. Develop an aesthetic philosophy, and ability to advocate and defend it.

| Title | Tags |
| --- | --- |
| Cultivating Respect and Courtesy for Different Viewpoints | 186684, 3 |

**Learning Outcome**
Students will build character by cultivating a respect for differing points of view, and applying courtesy during the individual expression sessions. The course content will encourage independent thinking and individual responsibility.

| Title | Tags |
| --- | --- |
| Engage in Discussion and Writing about Dance | 186685, 4 |

**Learning Outcome**
Students will voice value for Lifelong Learning as they articulate a love for and engage in discussion and writing about dance. Students will be encouraged to share their passion for dance in a way that is lucid, succinct, and compelling.

| Title | Tags |
| --- | --- |
| Articulate Value of Dance | 186686, 5 |

**Learning Outcome**
Students will be challenged to articulate the value of dance in a manner that is founded on gospel principles and moral ideals, rather than on mere emotional declarations.

| Title | Tags |
| --- | --- |
| Knowledge | 187099, 1 |

**Learning Outcome**
Students will deepen their understanding of how dance and health issues are related.

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Choreography Documentation | 187080, 5 |

**Learning Outcome**
5. Students will learn to document choreography.

| Knowledge | 187100, 1 |
|---|---|

**Learning Outcome**
Students will deepen their understanding of how dance and identity are related.

## DANCE 363R - Dance Improvisation, Intermediate

### Course Information

**Teaching Area (new)**
DANCE
**Course Number**
363R
**Teaching Area**
DANCE
**Course Title**
Dance Improvisation, Intermediate
**Course Description**
Intermediate improvisational skills focused on impromptu creative problem solving and movement exploration.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 244R - Beginning Creative Processes

**Additional Comments:**

| Title | Tags |
|---|---|
| Evolving Movement | 186745, 5 |

## DANCE 364 - Contemporary Partnering

### Course Information

**Teaching Area (new)**
DANCE
**Course Number**
364
**Teaching Area**
DANCE
**Course Title**
Contemporary Partnering
**Course Description**
Theory and technique of partnering as it relates to contemporary modern dance.
**Department**
Dance
**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
  **AND** DANCE 244R - Beginning Creative Processes

**Additional Comments:**

**Recommended**
Dance 362 and Dance 363

Learning Outcome
Students will learn to evolve movement over an extended period of time without losing spontaneity.

| Title | Tags |
| --- | --- |
| Movement and Exploration | 186764, 1 |

Learning Outcome
Students will learn to Move! To Explore!

| Title | Tags |
| --- | --- |
| Suspending Judgement | 186812, 4 |

Learning Outcome
Students will learn to learn how to suspend judgment.

| Title | Tags |
| --- | --- |
| Breaking Comfortable or Limiting Movement Patterns | 186821, 1 |

Learning Outcome
Students will learn to break comfortable and limiting movement patterns, dancing in ways that you have not moved before.

| Title | Tags |
| --- | --- |
| Form and Definition in Movement | 186825, 8 |

Learning Outcome
Students will learn to evolve movement "in the moment" with a sense of form and definition (beginning, middle, end) thus "finding the dance" in the instant of exploration and improvisation.

| Title | Tags |
| --- | --- |
| Improvisation and Muscle Readiness | 186868, 3 |

Learning Outcome
Students will learn to develop improvisational skills of "muscle readiness".

| Title | Tags |
| --- | --- |
| Recalling Movement | 186884, 6 |

Learning Outcome
Students will learn to practice

recalling movement.

| Title | Tags |
| --- | --- |
| Spontaneity | 186889, 2 |

**Learning Outcome**
Students will learn to "call up spontaneity at will".

| Title | Tags |
| --- | --- |
| Improvisational Structures | 186972, 7 |

**Learning Outcome**
Students will learn to practice relating to other dancers in various improvisational structures.

## DANCE 365 - Creative Dance for Elementary Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 365 |

**Teaching Area**
DANCE
**Course Title**
Creative Dance for Elementary Education
**Course Description**
Theory and teaching experience in creative movement for preschool and elementary school children.
**Department**
Dance
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**

## DANCE 366 - Methods of Teaching Contemporary Modern Dance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 366 |

**Teaching Area**
DANCE
**Course Title**
Methods of Teaching Contemporary Modern Dance
**Course Description**
Teaching methodologies of contemporary modern dance including planning, teaching, and evaluating lessons for adolescents through adults.
**Department**
Dance
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

Other Prerequisites
Dance 243R, 244R, or approved Kinnect membership

| Title | Tags |
| --- | --- |
| Dance Assessment | 186762, 5 |

Learning Outcome
6. Explore and identify various forms of dance assessment

| Title | Tags |
| --- | --- |
| Elementary Dance Teaching Practices | 186792, 2 |

Learning Outcome
3. Demonstrate an understanding of dance, elements, concepts and vocabulary physically, verbally and in writing, and apply that knowledge to teaching dance in the elementary setting

| Title | Tags |
| --- | --- |
| Developmentally Appropriate Dance | 186839, 1 |

Learning Outcome
2. Apply knowledge of developmentally appropriate dance learning activities for children pre-school through grade eight.

| Title | Tags |
| --- | --- |
| Dance Education Theory, Content, and Pedagogy | 186844, 0 |

Learning Outcome
1. Articulate an understanding of creative dance education theory, content, and pedagogy that facilitates artistic development and process orientation.

| Title | Tags |
| --- | --- |
| Teaching Strategies and Management Techniques | 186915, 4 |

Learning Outcome
5. Understand and apply a variety of teaching strategies and management techniques necessary to effectively guide dance skill building, exploration, improvisation, and compositional experiences for young children.

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 261 - Freshman Seminar in Dance
  **AND** DANCE 264 - Music for Dancers

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Process-Oriented Instruction | 186800, 8 |

Learning Outcome
5. facilitate artistic development through process-oriented instruction.

| Title | Tags |
| --- | --- |
| Learning Content and Processes | 186837, 2 |

Learning Outcome
2. demonstrate a conceptual understanding of the content and processes needed to facilitate learning in the field of Contemporary Dance.

| Title | Tags |
| --- | --- |
| Planning, Teaching, and Evaluation Experience | 186892, 4 |

Learning Outcome
3. demonstrate teaching competency through experiences in planning, teaching and evaluating lessons.

| Title | Tags |
| --- | --- |
| Teaching and Learning Philosophy in Contemporary Dance | 187018, 1 |

Learning Outcome
1. develop, articulate and demonstrate a clear philosophy of teaching and learning as it relates to Contemporary Dance.

| Title | Tags |
| --- | --- |
| Teaching Strategies | 187031, 6 |

Learning Outcome
4. demonstrate an ability to use a variety of teaching strategies to produce new knowledge and

| Title | Tags |
| --- | --- |
| Lesson Objectives and Curriculum Standards | 186959, 3 |

**Learning Outcome**
4. Identify and use clear lesson content objectives drawn from national and state curriculum standards when planning lessons and teaching dance.

skills in others.

## DANCE 367 - Methods of Teaching Children's Creative Dance

### Course Information

**Teaching Area (new)**
DANCE
**Course Number**
367
**Teaching Area**
DANCE
**Course Title**
Methods of Teaching Children's Creative Dance
**Course Description**
Methodologies of teaching children's creative dance with emphasis on the private dance studio setting.
**Department**
Dance
**When Taught**
Fall

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
  **AND** DANCE 244R - Beginning Creative Processes

## DANCE 368R - DancEnsemble - Contemporary Dance Performance and Choreography

### Course Information

**Teaching Area (new)**
DANCE
**Course Number**
368R
**Teaching Area**
DANCE
**Course Title**
DancEnsemble - Contemporary Dance Performance and Choreography
**Course Description**
Experiences in contemporary dance choreography and performance.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Audition. Concurrent enrollment in a contemporary modern technique course such as Dance 241R, Dance 243R, Dance 340R, Dance 341R, Dance 440R, or by instructor approval

| Title | Tags |
| --- | --- |
| Technical Skill | 186747, 1 |

**Learning Outcome**
2. Demonstrate increasing technical skill, focusing

**Additional Comments:**

**Note**
Lab experience required in the BYU Children's Dance Program.

| Title | Tags |
|---|---|
| Problem Solving and the Creative Process | 186866, 2 |

**Learning Outcome**
3. Demonstrate an understanding of the methods of encouraging creative problem solving skills and the creative process.

| Title | Tags |
|---|---|
| Developmentally Appropriate Dance Skills | 186871, 1 |

**Learning Outcome**
2. Learn to teach developmentally appropriate technical dance skills to children.

| Title | Tags |
|---|---|
| Teaching Experience | 186880, 4 |

**Learning Outcome**
5. Gain practical experience through teaching children.

| Title | Tags |
|---|---|
| Creative Dance for Children | 186994, 0 |

**Learning Outcome**
Students will:1. Gain an increased understanding of the importance of Creative Dance for children.

| Title | Tags |
|---|---|
| Teaching Children Dance Elements | 187000, 3 |

**Learning Outcome**
4. Demonstrate knowledge, mastery and application of the elements of dance (time, space, and force) in relation to the teaching of children.

specifically of the refinement of nuance, projection, dynamics and the ability to dance within the context of an ensemble.

| Title | Tags |
|---|---|
| Dance Creation and Evaluation | 186788, 2 |

**Learning Outcome**
3. Create and evaluate dances, giving increased attention to the ability to see and respond to the possibilities within any given choreographic situation.

| Title | Tags |
|---|---|
| Personal Voice | 186908, 3 |

**Learning Outcome**
4. Investigate and refine their own individual choreographic and performance voice.

| Title | Tags |
|---|---|
| Performance Skill | 186945, 0 |

**Learning Outcome**
1. Demonstrate increasing performance skill, including skills of concentration, discipline, focus and stage presence.

## DANCE 370 - Cultural Dance Technique 2

### Course Information

## DANCE 371R - Clog Dance Technique 2

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
370

**Teaching Area**
DANCE

**Course Title**
Cultural Dance Technique 2

**Course Description**
Advanced level techniques from selected world cultures.

**Department**
Dance

**When Taught**
Winter

## Credit Hours

**Min**
1

**Fixed**
1

## Lecture Hours

**Fixed**
0

## Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 270 - Cultural Dance Technique 1

**Additional Comments:**

**Recommended**
DANCE 170

**Teaching Area (new)**
DANCE

**Course Number**
371R

**Teaching Area**
DANCE

**Course Title**
Clog Dance Technique 2

**Course Description**
Fundamentals of advanced Clogging and PowerTap techniques.

**Department**
Dance

**When Taught**
Fall and Winter

## Credit Hours

**Min**
1

**Fixed**
1

## Lecture Hours

**Fixed**
0

## Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 271 or equivalent.

| Title | Tags |
| --- | --- |
| Technical Skills and Artistry | 210771, 0, 2 |

**Learning Outcome**
Students will learn current competition level advanced routines.

| Title | Tags |
| --- | --- |
| Research and Theory | 210772, 0, 3 |

**Learning Outcome**
Students will learn the history of clog dance and styles of clogging.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210848, 0, 4 |

**Learning Outcome**
Students will develop advanced clogging skills and learn the movement vocabulary specific to advanced clogging dance.

# DANCE 373R - Hungarian Dance Technique 2

## Course Information

**Teaching Area (new)**
DANCE

**Course Number**
373R

**Teaching Area**
DANCE

**Course Title**
Hungarian Dance Technique 2

**Course Description**
Advanced Hungarian dance techniques and skills from throughout the Carpathian Basin.

**Department**
Dance

**When Taught**
Fall Even Years

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 273 or equivalent.

**Title**
Technical Skill and Artistry

**Tags**
210774, 0, 2

**Learning Outcome**
Students will show accurate movement patterns, step combinations, partnering skills, and rhythms.

**Title**
Technical Skill and Artistry

**Tags**
210775, 0, 3

**Learning Outcome**
Students will develop improvisational skills in selected traditional couple and solo dances.

# DANCE 374R - Irish Dance Technique 2

## Course Information

**Teaching Area (new)**
DANCE

**Course Number**
374R

**Teaching Area**
DANCE

**Course Title**
Irish Dance Technique 2

**Course Description**
Advanced Irish dance techniques and skills of selected set, ceili, and solo dances.

**Department**
Dance

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 274R or equivalent.

**Title**
Correct Technique for Irish Solo and Figure Dances

**Tags**
186855, 0, 0

**Learning Outcome**
1. Students will demonstrate Irish solo, set and ceili dances with correct technique.

**Title**
Memorize Irish Movement Patterns

**Tags**
186913, 0, 1

**Learning Outcome**
2. Students will demonstrate accurate sequential movement patterns, step combinations, and rhythms

| Title | Tags |
| --- | --- |
| Research and Theory | 210776, 0, 4 |

Learning Outcome
Students will increase in cultural knowledge of Hungarian dance music, traditional dress, and historical context.

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210773, 0, 1 |

Learning Outcome
Students will demonstrate proficiency in several Hungarian couple, solo, and group dance dialects and technical skills.

| Title | Tags |
| --- | --- |
| Alignment, Placement, and Weight Shifts | 186867, 0, 3 |

Learning Outcome
3. Students will establish stylistically correct alignment, placement and weight shifting.

| Title | Tags |
| --- | --- |
| Irish Music, Costumes, and History | 186852, 0, 5 |

Learning Outcome
4. Students will increase in cultural knowledge related to Irish dance music, costumes and history.

## DANCE 376 - Methods of Teaching Cultural Dance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 376 |

**Teaching Area**
DANCE
**Course Title**
Methods of Teaching Cultural Dance
**Course Description**
Theoretical and practical methodologies of teaching rhythmic dance.
**Department**
Dance
**When Taught**
Fall.

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Recommended**

## DANCE 377 - Cultural Dance Choreography

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 377 |

**Teaching Area**
DANCE
**Course Title**
Cultural Dance Choreography
**Course Description**
Exploration of fundamental choreographic principles of structure, space, time, and energy within the genre of staged cultural dance.
**Department**
Dance
**When Taught**
Fall Even Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
4

Dance 170 and 172

| Title | Learning Outcome |
|---|---|
| Research and Theory | Students will understand the theoretical and practical methodologies of teaching rhythmic dance to various populations. |

| Title | Learning Outcome |
|---|---|
| Teaching, Choreography and Performance | Students will develop teaching skills through practical experiences in and outside of class. |

| Title | Learning Outcome |
|---|---|
| Teaching, Choreography and Performance | Students will give and receive peer feedback in practical teaching situations. |

| Title | Learning Outcome |
|---|---|
| Teaching, Choreography and Performance | Students will prepare effective lesson plans. |

| Title | Learning Outcome |
|---|---|
| Professionalism | Students will articulate a personal philosophy of teaching. |

## DANCE 378R - Folk Dance Performance

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
378R

**Teaching Area**
DANCE

**Course Title**
Folk Dance Performance

**Course Description**
Participation in a beginning or intermediate level folk dance performance ensemble.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
1

### Lecture Hours

## DANCE 380R - Social Dance, Technique 2

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
380R

**Teaching Area**
DANCE

**Course Title**
Social Dance, Technique 2

**Course Description**
Gold level: Waltz, Foxtrot, Swing, Cha-Cha, West Coast Swing, Viennese Waltz, Mambo.

**Department**
Dance

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

Fixed
0

### Lab Hours

Fixed
3

Other Prerequisites
Audition

| Title | Tags |
| --- | --- |
| Regional Dance Technique and Style | 213566, 0, 1, 2023-08-29 08:34:22 |

Learning Outcome
Students will learn the traditional dance technique and stylization of selected countries or regions

| Title | Tags |
| --- | --- |
| Performance Skills | 213567, 0, 2, 2023-08-29 08:34:23 |

Learning Outcome
Students will develop the performance skills of posture, presentation, and characterization

| Title | Tags |
| --- | --- |
| World Dance: Recreational and Staged | 213568, 0, 3, 2023-08-29 08:34:25 |

Learning Outcome
Students will explore both the recreational and staged forms of world dance

| Title | Tags |
| --- | --- |
| Team Citizenship | 213569, 0, 4, 2023-08-29 08:34:27 |

Learning Outcome
Students will demonstrate strong citizenship as a member of a performance team

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

Other Prerequisites
Dance 280 or equivalent

| Title | Tags |
| --- | --- |
| Technique | 186929, 1 |

Learning Outcome
2. Students will demonstrate the technique (including footwork, rhythm, alignment, and styling) associated with each dance by practice and application.

| Title | Tags |
| --- | --- |
| Participation in Labs and Exams | 187020, 2 |

Learning Outcome
3. Students will demonstrate their ability to lead and follow through their participation at labs and through exams.

| Title | Tags |
| --- | --- |
| School Figures | 187033, 1 |

Learning Outcome
1. Students will demonstrate the school figures associated with each dance by practice and application.

## DANCE 382R - Ballroom Dance, International Technique 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 382R |

Teaching Area
DANCE
Course Title

## DANCE 383R - Latin Dance, International Technique 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 383R |

Teaching Area
DANCE
Course Title

Ballroom Dance, International Technique 2

**Course Description**
Gold 1 level. Waltz, tango, fox-trot, quickstep.

**Department**
Dance

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 284 or equivalent; instructor's consent.

**Title**
Demonstrate gold level ballroom school figures

**Tags**
187118, 1

**Learning Outcome**
1. Students will be able to effectively demonstrate gold level school figures of International Style Waltz, Tango, Foxtrot and Quickstep.

**Title**
Demonstrate advanced level ballroom technique

**Tags**
187119, 2

**Learning Outcome**
2. Students will be able to effectively demonstrate advanced level ballroom technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

**Title**
Demonstrate gold level ballroom school figures

**Tags**
186851, 0

Latin Dance, International Technique 2

**Course Description**
Gold 1 level. Cha-cha, samba, rumba, paso doble.

**Department**
Dance

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 285 or equivalent; instructor's consent.

**Title**
Demonstrate gold level latin school figures

**Tags**
187120, 1

**Learning Outcome**
Students will be able to effectively demonstrate gold level school figures of International Style Cha-Cha, Samba, Rumba, Paso Doble

**Title**
Demonstrate advanced level latin technique

**Tags**
187121, 2

**Learning Outcome**
Students will be able to effectively demonstrate advanced level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

**Title**
Demonstrate gold level latin school figures

**Tags**
186790, 1

**Learning Outcome**

Learning Outcome
1. Students will be able to effectively demonstrate gold level school figures of International Style Waltz, Tango, Foxtrot and Quickstep.

Students will be able to effectively demonstrate gold level school figures of International Style Cha-Cha, Samba, Rumba, Paso Doble

Title
Demonstrate advanced level ballroom technique

Tags
186907, 1

Learning Outcome
2. Students will be able to effectively demonstrate advanced level ballroom technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

Title
Demonstrate advanced level latin technique

Tags
186885, 2

Learning Outcome
Students will be able to effectively demonstrate advanced level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

## DANCE 384R - Ballroom Dance, International Technique 3

### Course Information

Teaching Area (new)
DANCE

Course Number
384R

Teaching Area
DANCE

Course Title
Ballroom Dance, International Technique 3

Course Description
Gold 2 level. Waltz, fox-trot, tango, quickstep.

Department
Dance

When Taught
Fall and Winter

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed

## DANCE 385R - Latin Dance, International Technique 3

### Course Information

Teaching Area (new)
DANCE

Course Number
385R

Teaching Area
DANCE

Course Title
Latin Dance, International Technique 3

Course Description
Gold 2 level. Cha-cha, rumba, samba, jive, paso doble.

Department
Dance

When Taught
Fall and Winter

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed

3

**Other Prerequisites**
Dance 382R or equivalent; instructor's consent.

**Title**
Demonstrate competency in competitive ballroom figures

**Tags**
187122, 1

**Learning Outcome**
1. Students will be able to demonstrate, competitive figures at a pre-championship level in the International Style Waltz, Tango, Foxtrot and Quickstep.

**Title**
Demonstrate pre championship level ballroom technique

**Tags**
187123, 2

**Learning Outcome**
2. Students will be able to demonstrate pre-championship level ballroom technique in the following areas: 1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

**Title**
Demonstrate competency in competitive ballroom figures

**Tags**
186797, 0

**Learning Outcome**
1. Students will be able to demonstrate, competitive figures at a pre-championship level in the International Style Waltz, Tango, Foxtrot and Quickstep.

**Title**
Demonstrate pre championship level ballroom technique

**Tags**
186876, 1

**Learning Outcome**
2. Students will be able to demonstrate pre-championship level ballroom technique in the following areas: 1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

## DANCE 386 - Methods of Teaching Social

3

**Other Prerequisites**
Dance 383R or equivalent ; instructor's consent.

**Title**
Demonstrate competency in competitive latin figures

**Tags**
187124, 1

**Learning Outcome**
1. Students will be able to demonstrate, competitive figures at a pre-championship level in International Style Cha-Cha, Samba, Rumba, Paso Doble

**Title**
Demonstrate pre championship level latin technique

**Tags**
187125, 2

**Learning Outcome**
2. Students will be able to demonstrate pre-championship level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

**Title**
Demonstrate competency in competitive latin figures

**Tags**
186770, 1

**Learning Outcome**
1. Students will be able to demonstrate, competitive figures at a pre-championship level in International Style Cha-Cha, Samba, Rumba, Paso Doble

**Title**
Demonstrate pre championship level latin technique

**Tags**
186879, 2

**Learning Outcome**
2. Students will be able to demonstrate pre-championship level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

## DANCE 387 - Ballroom Dance

# Dance

## Course Information

**Teaching Area (new)**
DANCE

**Course Number**
386

**Teaching Area**
DANCE

**Course Title**
Methods of Teaching Social Dance

**Course Description**
Pedagogy training in social dance at the bronze and silver skill levels.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 280 - Social Dance, Technique 1

**Additional Comments:**

**Title**
Characteristics of Great Teachers

**Tags**
186796, 1

**Learning Outcome**
1. Students will analyze the most important characteristics of great teachers through discussion.

**Title**
Dance Participation and Practice

**Tags**
186824, 1

**Learning Outcome**
2. Students will demonstrate

# Choreography

## Course Information

**Teaching Area (new)**
DANCE

**Course Number**
387

**Teaching Area**
DANCE

**Course Title**
Ballroom Dance Choreography

**Course Description**
Choreography in Ballroom Dance emphasizing ensemble and partnership dancing.

**Department**
Dance

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
4

**Title**
Basic Skills of Ballroom Ensemble and Partnership Choreography

**Tags**
186756, 0, 1

**Learning Outcome**
2. Students will demonstrate basic skills of composing ballroom ensemble and partnership choreography.

**Title**
Foundation Elements of Ballroom Ensemble and Parternship Choreography

**Tags**
187034, 0, 0

**Learning Outcome**
1. Students will find coherence in foundational elements of ensemble and partnership choreography.

basic skills of ballroom dance by participation and practice including both the mans and ladies parts.

| Title | Tags |
| --- | --- |
| Group Teaching Skills and Experience | 186963, 2 |

**Learning Outcome**
3. Students will demonstrate the basic skills of teaching dance to groups by developing lesson plans and through practical experience.

## DANCE 388R - Ballroom Dance Performance, Intermediate.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 388R |

**Teaching Area**
DANCE
**Course Title**
Ballroom Dance Performance, Intermediate.
**Course Description**
Performance techniques and experience in ballroom dance.
**Department**
Dance
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Audition

| Title | Tags |
| --- | --- |
| Ballroom Dance Skills | 186920, 1 |

## DANCE 390R - Ballet Technique 3

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 390R |

**Teaching Area**
DANCE
**Course Title**
Ballet Technique 3
**Course Description**
Intermediate to advanced ballet technique.
**Department**
Dance
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1.5

**Fixed**
2.5

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Audition

| Title | Tags |
| --- | --- |
| Writing Objectives | 187179, 0, 2 |

**Learning Outcome**

Each student will:
1. Acquire a working knowledge of French ballet terminology.
2. Articulate observed personal growth throughout the course of

Learning Outcome
1. Students will demonstrate dance skills through technique, stylization, and choreography.

| Title | Tags |
| --- | --- |
| Representing BYU and the Church | 187173, 2 |

Learning Outcome
2. Students will find coherence in what it means to represent Brigham Young University and the Church of Jesus Christ of Latter-day Saints in local areas.

growth throughout the course of the semester.

| Title | Tags |
| --- | --- |
| Professionalism Objective | 186850, 0, 4 |

Learning Outcome

Each student will:
1. Demonstrate an understanding of professionalism and ballet etiquette.

| Title | Tags |
| --- | --- |
| Technique Objective | 186754, 0, 1 |

Learning Outcome

Each student will:
1. Apply and execute principles of intermediate ballet technique.

## DANCE 391R - Ballet Technique 4

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 391R |

Teaching Area
DANCE
Course Title
Ballet Technique 4
Course Description
Advanced ballet technique.
Department
Dance
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
0

### Lab Hours

## DANCE 392R - Ballet Pointe 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 392R |

Teaching Area
DANCE
Course Title
Ballet Pointe 1
Course Description
Beginning level pointe technique.
Department
Dance
When Taught
Fall; Winter; Spring.

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
7.5

Other Prerequisites
Audition

| Title | Tags |
| --- | --- |
| Writing Objectives | 186687, 0, 2 |

Learning Outcome

Each student will:
1. Acquire a working knowledge of French ballet terminology.
2. Articulate observed personal growth throughout the course of the semester.

| Title | Tags |
| --- | --- |
| Professionalism Objective | 186688, 0, 3 |

Learning Outcome

Each student will:
1. Demonstrate an understanding of professionalism and ballet etiquette.

| Title | Tags |
| --- | --- |
| Technique Objective | 187035, 0, 0 |

Learning Outcome

Each student will:
1. Execute advancing skill in ballet technique and pointe work.

Fixed
2

Other Prerequisites
Audition and a minimum of two years of previous pointe technique and concurrent enrollment in Dance 390R.
Note
Although this is an open enrollment course, all students must receive teacher approval or level placement audition before registering.

| Title | Tags |
| --- | --- |
| Ballet Pointe - 1 | 187090, 1 |

Learning Outcome
1. Acquire a degree of mastery and control in Beginning pointe technique. These skills will be accomplished through active class participation and the practice of the movement vocabulary listed in the appendix. Please consult the appendix for the specific criteria and standards. Increase artistry, endurance, control and strength.

| Title | Tags |
| --- | --- |
| Writing Objective | 186878, 1 |

Learning Outcome
Each student will:Apply a working knowledge of French ballet terminology, analytical skills, and sound writing skills by submitting a weekly journal entry or written self-evaluation, and a written critique of a live performance.

| Title | Tags |
| --- | --- |
| Technique Objective | 186982, 0 |

Learning Outcome
Each student will:1. Acquire a degree of mastery intermediate ballet pointe technique. These skills will be accomplished through active class participation and the practice of the movement vocabulary detailed in the appendix. Please consult the appendix for the specific criteria and standards.

| Title | Tags |
| --- | --- |
| Participation Objective | 186987, 2 |

Learning Outcome
Each student will: Participate fully in the pointe technique class by dancing each class period and pass the required

period and pass the required technique exam at the end of the semester/term, being graded on the movement vocabulary detailed in the appendix.

## DANCE 393R - Ballet Pointe 2

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
393R

**Teaching Area**
DANCE

**Course Title**
Ballet Pointe 2

**Course Description**
Intermediate level pointe technique

**Department**
Dance

**When Taught**
Fall; Winter.

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Audition required; concurrent enrollment in Dance 390R or 391R

**Note**
Although this is an open enrollment course, all students must receive teacher approval or level placement audition before registering.

| Title | Tags |
|---|---|
| Participation Objective | 186689, 4 |

**Learning Outcome**
Each student will:

Participate fully in the pointe technique class by dancing each class period and pass the required technique exam at the end of the semester/term, being graded on the movement vocabulary detailed in the

## DANCE 396 - Methods of Teaching Ballet.

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
396

**Teaching Area**
DANCE

**Course Title**
Methods of Teaching Ballet.

**Course Description**
Teaching classical ballet from preballet through advanced; includes analysis of Bournonville, Cecchetti, Vaganova, RAD, Kneeland, and SAB methods.

**Department**
Dance

**When Taught**
Winter Even Years

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
2

**Other Prerequisites**
Dance 390R or equivalent

**Recommended**
DANCE 264; DANCE 264

| Title | Tags |
|---|---|
| Music in Teaching | 186829, 7 |

**Learning Outcome**
3. Students will apply sound musical principles in practical teaching experiences.

| Title | Tags |
|---|---|
| Ballet Class Observation and Analysis | 186840, 3 |

**Learning Outcome**

appendix.

| Title | Tags |
| --- | --- |
| Writing Objective | 186782, 2 |

**Learning Outcome**
Each student will:1. Apply a working knowledge of French ballet terminology, analytical skills, and sound writing skills by submitting a weekly journal entry or written self-evaluation, and a written critique of a live performance.

| Title | Tags |
| --- | --- |
| Technique Objective | 186864, 1 |

**Learning Outcome**
Each student will:1. Acquire a degree of mastery in intermediate ballet pointe technique. These skills will be accomplished through active class participation and the practice of the movement vocabulary detailed in the appendix. Please consult the appendix for the specific criteria and standards;

**Learning Outcome**
2. Students will experience practical observation of ballet classes/labs and analyze teachers at work.

| Title | Tags |
| --- | --- |
| Ballet Curriculum | 186865, 0 |

**Learning Outcome**
1. Students will demonstrate a knowledge of ballet class structure and progression between levels bywriting an 8-year ballet curriculum.

| Title | Tags |
| --- | --- |
| French Ballet Terminology | 186875, 11 |

**Learning Outcome**
5. Students will demonstrate a working knowledge (both written and verbal) of ballet French terminology for the technique appropriate for each level of ballet instruction.

| Title | Tags |
| --- | --- |
| Methodology Analysis | 186991, 8 |

**Learning Outcome**
4. Students will philosophically and historically analyze each of the major ballet methodologies: Cecchetti, Royal Academy of Dancing, Vaganova, etc.

## DANCE 397R - Ballet Choreography

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 397R |

**Teaching Area**
DANCE
**Course Title**
Ballet Choreography
**Course Description**
Fundamental choreographic structure emphasizing visual, kinesthetic, and musical aspects in ballet. Exploration of the choreographic process through theoretical study and analysis as well as practical application in the presentation of choreographic work. Concepts include clarity, creativity, transition, musical accent and phrasing, dynamic structure, form, stylistic coherence, artistic merit.
**Department**
Dance
**When Taught**
Fall

## DANCE 398R - Theatre Ballet Studio Company

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 398R |

**Teaching Area**
DANCE
**Course Title**
Theatre Ballet Studio Company
**Course Description**
Performance technique and experience with Theatre Ballet Studio Company.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 390R - Ballet Technique 3

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 391R - Ballet Technique 4

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 490R - Ballet Technique 5

**Additional Comments:**

**Min**
2

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
10

**Other Prerequisites**
Audition and concurrent enrollment in 391R, and 234 Pilates.

## DANCE 399R - Academic Internship: Ballroom Dance

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
399R

**Teaching Area**
DANCE

**Course Title**
Academic Internship: Ballroom Dance

**Course Description**
Internship in Ballroom Dance.

**Department**
Dance

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

## DANCE 399R - Academic Internship: Dance BFA

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
399R

**Teaching Area**
DANCE

**Course Title**
Academic Internship: Dance BFA

**Course Description**
Off-campus dance internship for Dance BFA students.

**Department**
Dance

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

## DANCE 399R - Academic Internship: General Dance

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
399R

**Teaching Area**
DANCE

**Course Title**
Academic Internship: General Dance

**Course Description**
Academic Internship in dance. Application and faculty pre-approval required.

**Department**
Dance

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

## DANCE 399R - Academic Internship: Dance Education

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
399R

**Teaching Area**
DANCE

**Course Title**
Academic Internship: Dance Education

**Course Description**
Public school K-6 internship for Dance Education majors, including Arts Bridge or other pre-approved placement.

**Department**
Dance

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

## DANCE 426 - Music Dance Theatre: Senior Performance Project

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
426

**Teaching Area**
DANCE

**Course Title**
Music Dance Theatre: Senior Performance Project

**Course Description**
Participation in an MDT performance group culminating in a showcase for agents and directors in New York City during April.

**Department**
Dance

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**

## DANCE 429R - Dance Performance 2

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
429R

**Teaching Area**
DANCE

**Course Title**
Dance Performance 2

**Course Description**
Participation as dancers in concert dance production.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**

1

## Lecture Hours

**Fixed**
0

## Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 328 - Script, Movement and Score Analysis

**Additional Comments:**

**Other Prerequisites**
BFA Acting or MDT status and instructor's consent; concurrent enrollment in MUSIC 426 and TMA 426. By audition only. Must have applied for graduation.

| Title | Tags |
| --- | --- |
| Master Classes | 187669, 4 |

**Learning Outcome**
Students will experience Master Classes from working Broadway professionals.

| Title | Tags |
| --- | --- |
| Networking | 187744, 6 |

**Learning Outcome**
Students will establish professional contacts that will aid them in making the transition from the adademic to the professional world of theatre.

| Title | Tags |
| --- | --- |
| Marketability | 187810, 5 |

**Learning Outcome**
Students will recognize their types and marketability within the entertainment industry.

| Title | Tags |
| --- | --- |
| Professional Feedback | 187887, 1 |

**Learning Outcome**

Instructor's consent

| Title | Tags |
| --- | --- |
| Performance | 186694, 1 |

**Learning Outcome**
The learning outcomes of this course will be correlated somewhat with the learning outcomes of one of the regular dance performance groups. However, due to the individualized nature of this course, individual outcomes will be designed by the instructor based upon the needs and opportunities of the student.

Students will audition for and receive feedback from industry professionals in two markets.

| Title | Tags |
| --- | --- |
| Audition/ Showcase | 187903, 1 |

**Learning Outcome**
Students will experience an audition/showcase situation in two entertainment markets.

| Title | Tags |
| --- | --- |
| Personal CV/Bio | 187938, 3 |

**Learning Outcome**
Students will have professioanlly produced personal promotional material on hand.

| Title | Tags |
| --- | --- |
| Preparation | 187961, 2 |

**Learning Outcome**
Students will have several performance ready audition selections prepared.

## DANCE 440R - Contemporary Modern Dance Technique and Theory 4

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 440R |

**Teaching Area**
DANCE
**Course Title**
Contemporary Modern Dance Technique and Theory 4
**Course Description**
Advanced technique and theory in contemporary modern dance.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2.5

**Fixed**
2.5

### Lecture Hours

## DANCE 459 - Seminar in Dance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 459 |

**Teaching Area**
DANCE
**Course Title**
Seminar in Dance
**Course Description**
Seminar in Dance prepares students for a career in the field of dance. Students are instructed by invited professionals in the field and the faculty instructor. Students are required to reflect on their personal plan for a dance career built upon principles of the gospel.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

Fixed
0

## Lab Hours

Fixed
7.5

Other Prerequisites
Dance 340R or equivalent; by audition.

| Title | Tags |
| --- | --- |
| Advanced Technique | 187126, 1 |

Learning Outcome
Students will demonstrate advanced technique proficiency in

strength
flexibility
connectivity
complex sequence mastery
movement problems

| Title | Tags |
| --- | --- |
| Performance Awareness and Control | 187127, 2 |

Learning Outcome
Students will demonstrate performance awareness and control over movement in

nuance
dynamic
musicality
freedom from tension
shaping
initiation
breath quality
phrasing and composition

| Title | Tags |
| --- | --- |
| Skill and Performance Assessment and Writing | 187128, 3 |

Learning Outcome
3. Students will describe, assess and write about achievement of technical skills and performing skills

| Title | Tags |
| --- | --- |
| Gospel Principles and the Human Body | 187129, 4 |

Learning Outcome
4. Students will articulate appreciation for the divine

## Lecture Hours

Fixed
1

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 261 - Freshman Seminar in Dance

**Additional Comments:**

Other Prerequisites
Any 200 or higher level of technique

| Title | Tags |
| --- | --- |
| Personal Spiritual Views on Dance | 186778, 5 |

Learning Outcome
6.Student will express personal spiritual views in relation to dance performance, choreography and pedagogy

| Title | Tags |
| --- | --- |
| Enhanced Perspective on Current Dance Issues | 186795, 4 |

Learning Outcome
5. Student will articulate an enhanced perspective on current dance issues

| Title | Tags |
| --- | --- |
| Advanced Degree Opportunities | 186809, 1 |

Learning Outcome
1. Student will articulate an understanding of advanced degree opportunities

| Title | Tags |
| --- | --- |
| Professional Document Preparation | 186842, 3 |

Learning Outcome
4. Student will generate professional documents relevant to their future in the dance field

nature of the human body as it relates to gospel principles as well as the relationship between mind/body/spirit.

| Title | Tags |
| --- | --- |
| Dance Appreciation | 187130, 5 |

**Learning Outcome**
5. Students will articulate appreciation for dance as an art form

| Title | Tags |
| --- | --- |
| Advanced Technique | 186695, 1 |

**Learning Outcome**
Students will demonstrate advanced technique proficiency in

strength
flexibility
connectivity
complex sequence mastery
movement problems

| Title | Tags |
| --- | --- |
| Performance Awareness and Control | 186696, 2 |

**Learning Outcome**
Students will demonstrate performance awareness and control over movement in

nuance
dynamic
musicality
freedom from tension
shaping
initiation
breath quality
phrasing and composition

| Title | Tags |
| --- | --- |
| Gospel Principles and the Human Body | 186828, 3 |

**Learning Outcome**
4. Students will articulate appreciation for the divine nature of the human body as it relates to gospel principles as well as the relationship between mind/body/spirit.

| Title | Tags |
| --- | --- |
| Professional Preparation | 186948, 2 |

**Learning Outcome**
3. Student will demonstrate an understanding of appropriate professional skills needed for entry into the dance field

| Title | Tags |
| --- | --- |
| Career Opportunities | 186950, 1 |

**Learning Outcome**
2. Student will identify a variety of career opportunities in the field of dance

| Title | Tags |
| --- | --- |
| Skill and Performance Assessment and Writing | 186832, 2 |

**Learning Outcome**
3. Students will describe, assess and write about achievement of technical skills and performing skills

| Title | Tags |
| --- | --- |
| Dance Appreciation | 187001, 4 |

**Learning Outcome**
5. Students will articulate appreciation for dance as an art form

## DANCE 460 - Dance History and Theory

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
460

**Teaching Area**
DANCE

**Course Title**
Dance History and Theory

**Course Description**
Survey of dance history with a focus on critical and conceptual engagement with the cyclical trends of dance throughout history.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2.5

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 261 - Freshman Seminar in Dance
  **AND** DANCE 317 - Advanced Writing for Dance

**Additional Comments:**

## DANCE 461 - Dance History 2

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
461

**Teaching Area**
DANCE

**Course Title**
Dance History 2

**Course Description**
Survey of the development of dance in recent history, including significant social, political, economic, and aesthetic trends influencing dance-making.

**Department**
Dance

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 244R - Beginning Creative Processes
  **AND** DANCE 261 - Freshman Seminar in Dance

**Additional Comments:**

**Other Prerequisites**
300 Level advanced writing course, Dance 317 highly recommended

**Recommended**
It is recommended that Dance 460 be taken prior to Dance 461

## DANCE 462R - Dance Choreography, Advanced.

### Course Information

## DANCE 465 - K-12 Dance Curriculum Design

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
462R

**Teaching Area**
DANCE

**Course Title**
Dance Choreography, Advanced.

**Course Description**
Advanced choreographic studies in dance.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

**Additional Comments:**

**Learning Outcome**
Students will build upon technical elements, process, and crafting principles of composition learnined in 300 level choreography courses. Focus will be given on deepening investigation of movement invention, group forms and spatial relationships, the development of movement content in relation to structure, context, and meaning.

**Tags**
213570, 0, 1, 2023-08-29 08:35:02

**Learning Outcome**
Students will formulate personal aesthetic criteria through the process of observing and offering feedback on peers' works, in addition to viewing professional dance concerts and writing concise and thoughtful critiques.

**Tags**
213571, 0, 2, 2023-08-29 08:35:04

**Teaching Area (new)**
DANCE

**Course Number**
465

**Teaching Area**
DANCE

**Course Title**
K-12 Dance Curriculum Design

**Course Description**
Dance curriculum design in the K-12 setting.

**Department**
Dance

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 276R - Exploration of Teaching
  **AND** DANCE 365 - Creative Dance for Elementary Education
  **AND** DANCE 366 - Methods of Teaching Contemporary Modern Dance

**Additional Comments:**

**Other Prerequisites**
Dance 348R or 399R.

**Title**
Cross-Disciplinary Dance Curriculum

**Tags**
186758, 4

**Learning Outcome**
@font-face { font-family: "Courier New";}@font-face { font-family: "Wingdings";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 10pt; font-family: "Times New Roman"; }div.Section1 { page: Section1; }ol { margin-

Learning Outcome
Students will gain expanded comprehension of professional choreographic work in the field, and discuss issues and approaches in making dances.

Tags
213572, 0, 3, 2023-08-29 08:35:05

Learning Outcome
Students will reflect on their choreographic process and products and evaluate their work.

Tags
213573, 0, 4, 2023-08-29 08:35:06

bottom: 0in; }ul { margin-bottom: 0in; }4. Demonstrate the ability to apply cross-disciplinary concepts within a larger dance curriculum in K-12 settings;

Title
Developmentally Appropriate Curriculum

Tags
186768, 3

Learning Outcome
@font-face { font-family: "Courier New";}@font-face { font-family: "Wingdings";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 10pt; font-family: "Times New Roman"; }div.Section1 { page: Section1; }ol { margin-bottom: 0in; }ul { margin-bottom: 0in; }3. Demonstrate the ability to organize and create unit and curricular plans that are developmentally appropriate for specific populations within the K-12 setting;

Title
National and State Standards

Tags
186900, 1

Learning Outcome
@font-face { font-family: "Courier New";}@font-face { font-family: "Wingdings";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 10pt; font-family: "Times New Roman"; }div.Section1 { page: Section1; }ol { margin-bottom: 0in; }ul { margin-bottom: 0in; }1. Demonstrate the ability to represent existing national and state dance standards within a relevant dance curriculum;

Title
Unit Planning and Sequencing

Tags
186919, 2

Learning Outcome
@font-face { font-family: "Courier New";}@font-face { font-family: "Wingdings";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 10pt; font-family: "Times New Roman"; }div.Section1 { page: Section1; }ol { margin-

page: Section1; }ol { margin-bottom: 0in; }ul { margin-bottom: 0in; }2. Understand and be able to articulate the value of unit planning and scope and sequencing within a larger curriculum map;

| Title | Tags |
| --- | --- |
| Assessment | 186940, 5 |

**Learning Outcome**
@font-face { font-family: "Courier New";}@font-face { font-family: "Wingdings";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 10pt; font-family: "Times New Roman"; }div.Section1 { page: Section1; }ol { margin-bottom: 0in; }ul { margin-bottom: 0in; }5. Articulate understanding of the language and uses of assessment.

## DANCE 466 - Dance Teaching Practicum and Classroom Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 466 |

**Teaching Area**
DANCE
**Course Title**
Dance Teaching Practicum and Classroom Management
**Course Description**
Pre-student teaching course giving students practical teaching and classroom management experience in a mentored environment. Discussion lab integrating theory and experience.
**Department**
Dance
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
5

## DANCE 468R - Contemporary Dance Theatre

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 468R |

**Teaching Area**
DANCE
**Course Title**
Contemporary Dance Theatre
**Course Description**
Contemporary modern dance performing company. Performs on campus and tours regionally, nationally and internationally.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 366 - Methods of Teaching Contemporary Modern Dance
  **AND** DANCE 465 - K-12 Dance Curriculum Design

**Additional Comments:**

**Other Prerequisites**
Dance major status
**Note**
Concurrent Dance 140 lab required.

| Title | Tags |
|---|---|
| Utah Effective Teaching Standards (UETS) | 186848, 1 |

**Learning Outcome**
Demonstrate competent mastery of the Utah Effective Teaching Standards (UETS) while teaching (using the Utah Teacher Candidate Performance Assessment & Evaluation System (PAES)

| Title | Tags |
|---|---|
| Planning and assessment | 209767, 2 |

**Learning Outcome**
Create unit and lesson plans that respond to classroom and community contextual factors; appropriately align with the Utah and/or National core curriculum; and incorporate varied assessment strategies, including the successful design and use of a rubric

| Title | Tags |
|---|---|
| Classroom Management | 186956, 3 |

**Learning Outcome**
Articulate and demonstrate various strategies for successful classroom management;

| Title | Tags |
|---|---|
| Classroom resources | 209768, 4 |

**Learning Outcome**
Organize and compile varied music and other resources to assist with successful classroom management.

## Lab Hours

**Fixed**
12

**Other Prerequisites**
Audition. Concurrent enrollment in a contemporary modern technique course such as Dance 241R, Dance 243R, Dance 340R, Dance 341R, Dance 440R, or by instructor approval

| Title | Tags |
|---|---|
| Performance Skill and Artistry | 187047, 1 |

**Learning Outcome**
1. Develop advanced performance skill and artistry.

| Title | Tags |
|---|---|
| Choreography | 187049, 6 |

**Learning Outcome**
3. Understand choreographic principles.

| Title | Tags |
|---|---|
| Choreographic Process | 187050, 9 |

**Learning Outcome**
4. Contribute to the choreographic process.

| Title | Tags |
|---|---|
| Performance | 187051, 12 |

**Learning Outcome**
5. Perform dances for audiences on campus, in schools, in professional venues, and at conferences.

| Title | Tags |
|---|---|
| Testimony Strengthening | 186861, 18 |

**Learning Outcome**
7. Strengthen their testimony of the gospel and deepen their desire to share light and truth through the art form of dance.

| Title | Tags |
|---|---|
| Technical Ability | 187048, 2 |

**Learning Outcome**
2. Show increased technical ability.

| Title | Tags |
|---|---|

| Title | Tags |
| --- | --- |
| Self-Assessment | 186853, 5 |

**Learning Outcome**
Reflect upon and accurately self-assess teaching strengths and weaknesses using the PAES instrument.

| | |
| --- | --- |
| Professional Conduct | 187052, 15 |

**Learning Outcome**
6. Make visible attitudes of professional behavior.

## DANCE 469 - Capstone in Dance

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
469

**Teaching Area**
DANCE

**Course Title**
Capstone in Dance

**Course Description**
Senior capstone project in dance. Project approval required.

**Department**
Dance

**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
2

#### Lecture Hours

**Fixed**
0

**Other Prerequisites**
All capstone projects are required to go through a proposal process before you will be given instructor approval to add the course. Details on the proposal process can be found online and in the dance office.

| Title | Tags |
| --- | --- |
| Capstone Project | 186698, 2 |

**Learning Outcome**
Students will complete a capstone project, whether it be choreographic, research, or performance that represents a significant and comprehensive synthesis of the learning they have experienced during their years in the program

| Title | Tags |
| --- | --- |
| Capstone Project | 186927, 0 |

**Learning Outcome**
Students will reflect in their capstone project a philosophy compatible with the mission of BYU

## DANCE 474R - Percussive Step Styles

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
474R

**Teaching Area**
DANCE

**Course Title**
Percussive Step Styles

**Course Description**
Advanced technique and skills from selected percussive dance styles.

**Department**
Dance

**When Taught**
Fall Even Years

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Two of three possible courses: Dance 371 or 335 or 374R

| Title | Tags |
| --- | --- |
| Technical Skill and Artistry | 210852, 0, 1 |

**Learning Outcome**
Students will demonstrate advanced-level technique and skill development in clogging, tap, Canadian and Irish percussive dance.

## DANCE 476 - Secondary Student Teaching

## DANCE 478R - International Folk Dance

## Course Information

**Teaching Area (new)**
DANCE

**Course Number**
476

**Teaching Area**
DANCE

**Course Title**
Secondary Student Teaching

**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Dance

**When Taught**
Winter

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Prior application; requires a major GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

**Title**
Utah Effective Teaching Standards

**Tags**
187147, 0, 1

**Learning Outcome**
Students will demonstrate competency in the Utah Effective Teaching Standards, including teaching with and applying:

Learner Development

Learning Differences

Learning Environments

Content Knowledge

Assessment

Instructional Planning

# Ensemble

## Course Information

**Teaching Area (new)**
DANCE

**Course Number**
478R

**Teaching Area**
DANCE

**Course Title**
International Folk Dance Ensemble

**Course Description**
Performance technique and experience in specialized disciplines of staged cultural styles with International Folk Dance Ensemble.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Audition

**Title**
Technique and Artistry

**Tags**
212823, 0, 2

**Learning Outcome**
Students will demonstrate culture-specific nuances and integrity of cultural dances through a staged performance focus, and as a social/recreational activity

**Title**
Technique and Artistry

**Tags**
212812, 0, 1

**Learning Outcome**
Students will develop world dance skills and artistry in advanced technique, stylization and performance

**Title**
Professionalism

**Tags**
212824, 0, 3

**Learning Outcome**
Students will represent BYU and its' sponsoring institution as student ambassador

Instructional Strategies

Reflection and Continuous Growth

Leadership and Collaboration

Professional and Ethical Behavior

| Title | Tags |
| --- | --- |
| BYU Five Commitments | 187148, 0, 2 |

**Learning Outcome**
Students will apply and synthesize the McKay School of Education's Five Commitments to their teaching practices:

Civic Preparation and Engagement

Engaged Learning Through Nurturing Pedagogy

Equitable Access to Academic Knowledge and Achievement

Stewardship in School and Community

Commitment to Renewal

| Title | Tags |
| --- | --- |
| Pedagogy Performance Assessment | 187149, 0, 3 |

**Learning Outcome**
Students will complete and

| Title | Tags |
| --- | --- |
| Professionalism | 212825, 0, 4 |

**Learning Outcome**
Students will demonstrate citizenship, teamwork and leadership abilities

Students will complete and reflect upon the required pedagogy performance assessment.

## DANCE 480R - Social Dance, Technique 3

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
480R

**Teaching Area**
DANCE

**Course Title**
Social Dance, Technique 3

**Course Description**
Competitive level: Waltz, Foxtrot, Tango, Viennese Waltz.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 380R or equivalent

| Title | Tags |
|---|---|
| Advanced Technique | 186836, 1 |

**Learning Outcome**
2. Students will demonstrate advanced level the technique (including footwork, rhythm, alignment, and styling) associated with each dance by practice and application.

| Title | Tags |
|---|---|
| BYU Dancesport Competition | 186888, 2 |

**Learning Outcome**
3. Students will demonstrate

## DANCE 484R - Ballroom Dance, International Technique 4

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
484R

**Teaching Area**
DANCE

**Course Title**
Ballroom Dance, International Technique 4

**Course Description**
Gold bar level: waltz, tango, fox-trot, quickstep, Viennese waltz.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Dance 384R or equivalent; instructor's consent.

| Title | Tags |
|---|---|
| Demonstrate championship level technique | 187132, 1 |

**Learning Outcome**
2. Students will be able to demonstrate "championship" level ballroom technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

3. Students will demonstrate their ability to compete in an open event by participation in the BYU Dancesport competition.

**Title**
Dance Routine Practice and Application

**Tags**
186958, 0

**Learning Outcome**
1. Students will demonstrate the class routines associated with each dance by practice and application

**Title**
Demonstrate mastery in competitive ballroom figures

**Tags**
187059, 0

**Learning Outcome**
1. Students will be able to demonstrate competitive figures at a championship level in International Style Waltz, Tango, Foxtrot and Quickstep.

**Title**
Demonstrate championship level technique

**Tags**
187131, 1

**Learning Outcome**
2. Students will be able to demonstrate "championship" level ballroom technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

## DANCE 485R - Latin Dance, International Technique 4

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
485R

**Teaching Area**
DANCE

**Course Title**
Latin Dance, International Technique 4

**Course Description**
Gold bar level: cha-cha, rumba, samba, jive, paso doble.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

## DANCE 486 - Theory and Notation of International Ballroom Dance

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
486

**Teaching Area**
DANCE

**Course Title**
Theory and Notation of International Ballroom Dance

**Course Description**
Preparation for professional teaching certification examinations.

**Department**
Dance

**When Taught**
Winter Even Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

Fixed
3

Other Prerequisites
Dance 385R or equivalent; instructor's consent.

| Title | Tags |
| --- | --- |
| Demonstrate mastery of competitive latin figures | 187133, 1 |

Learning Outcome
1. Students will be able to demonstrate competitive figures at a championship level in the International Style Cha-Cha, Samba, Rumba, Paso Doble

| Title | Tags |
| --- | --- |
| Demonstrate championship level latin technique | 187134, 2 |

Learning Outcome
2. Students will be able to demonstrate "championship" level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

| Title | Tags |
| --- | --- |
| Demonstrate championship level latin technique | 186760, 1 |

Learning Outcome
2. Students will be able to demonstrate "championship" level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

| Title | Tags |
| --- | --- |
| Demonstrate mastery of competitive latin figures | 187060, 0 |

Learning Outcome
1. Students will be able to demonstrate competitive figures at a championship level in the International Style Cha-Cha, Samba, Rumba, Paso Doble

### Lab Hours

Fixed
4

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 384R - Ballroom Dance, International Technique 3

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Technical Evaluation | 186773, 7 |

Learning Outcome
3. Students will be able to correctly articulate and deliver the technical information as required for a future professional examination the following categories: Feet Positions, Alignment, Amount of Turn, Rise & Fall, Footwork, C.B.M., and Sway

| Title | Tags |
| --- | --- |
| Figures and Routines | 186791, 10 |

Learning Outcome
4.Students will be able to successfully amalgamate school figures into a cohesive routine.

| Title | Tags |
| --- | --- |
| Technical Codification of International Style Waltz, Tango F | 186808, 1 |

Learning Outcome
1. Students will find coherence in technical codification of International Style Waltz, Tango Foxtrot, and Quickstep.

| Title | Tags |
| --- | --- |
| Bronze and Silver Level Waltz, Tango Foxtrot, and Quickstep | 187016, 2 |

Learning Outcome
2. Students will be able to demonstrate with technical clarity the man and woman's part of Bronze and Silver level school figures of the Waltz,

Tango Foxtrot, and Quickstep.

## DANCE 487 - Theory and Notation of International Latin Dance

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
487

**Teaching Area**
DANCE

**Course Title**
Theory and Notation of International Latin Dance

**Course Description**
Theory and notation of International Latin Dance and preparation for professional teaching certification examinations.

**Department**
Dance

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DANCE 385R - Latin Dance, International Technique 3

**Additional Comments:**

**Title**
Technical Codification of International Style Cha-Cha, Samba

**Tags**
186781, 1

**Learning Outcome**
1. Students will find coherence in technical codification of

## DANCE 488R - Ballroom Dance Performance Company

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
488R

**Teaching Area**
DANCE

**Course Title**
Ballroom Dance Performance Company

**Course Description**
Performance techniques and experience with BYU Ballroom Dance Company.

**Department**
Dance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Audition

**Title**
Representing BYU and the Church

**Tags**
186776, 1

**Learning Outcome**
2. Students will exemplify the standards of Brigham Young University and the Church of Jesus Christ of Latter-day Saints, and the United States as student ambassadors

**Title**
Ballroom Dance Choreographic Repertoire

**Tags**
186794, 0

**Learning Outcome**
1. Students will demonstrate an increased ability to perform the art of Ballroom Dance through participation in choreographic repertoire .

technical codification of International Style Cha-Cha, Samba Rumba Paso Doble, and Jive

| Title | Tags |
| --- | --- |
| Technical Evaluation | 186803, 2 |

**Learning Outcome**
3. Students will be able to correctly articulate and deliver the technical information as required for a future professional examination the following categories: Feet Positions, Alignment, Amount of Turn, Footwork

| Title | Tags |
| --- | --- |
| Figures and Routines | 186862, 3 |

**Learning Outcome**
4. Students will be able to successfully amalgamate school figures into a cohesive routine.

| Title | Tags |
| --- | --- |
| Bronze and Silver Level Cha-Cha, Samba, Rumba, Paso Doble, a | 186979, 1 |

**Learning Outcome**
2. Students will be able to demonstrate with technical clarity the man and woman's part of Bronze and Silver level school figures of the Cha-Cha, Samba, Rumba, Paso Doble, and Jive

| Title | Tags |
| --- | --- |
| Dance as Cultural Tradition | 186961, 2 |

**Learning Outcome**
3. Students will find coherence of dance as a cultural tradition, an art form, an uplifting form of entertainment, and a social/recreational activity.

## DANCE 489R - Preparation for Ballroom Dance Competitions

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 489R |

**Teaching Area**
DANCE
**Course Title**
Preparation for Ballroom Dance Competitions
**Course Description**
Creation and presentation of ballroom competitive routines, emphasizing visual and musical aspects.
**Department**
Dance
**When Taught**
Fall and Winter

## DANCE 490R - Ballet Technique 5

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANCE | 490R |

**Teaching Area**
DANCE
**Course Title**
Ballet Technique 5
**Course Description**
Advanced ballet technique with advanced pointe work for women and technique for men.
**Department**
Dance
**When Taught**
Fall and Winter

### Credit Hours

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

| Title | Tags |
| --- | --- |
| Competitive Dance Repertoire | 186960, 1 |

Learning Outcome
2. Students will demonstrate a repertoire of competitive dances in the Ballroom or Latin style.

| Title | Tags |
| --- | --- |
| Competitive Dancing | 186984, 0 |

Learning Outcome
1. Students will find coherence in the rigor required for competitive dancing. practices for International Style Ballroom Dance.

Min
3

Fixed
3

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
8.5

Other Prerequisites
Audition

| Title | Tags |
| --- | --- |
| Writing Objectives | 187180, 0, 8 |

Learning Outcome

Each student will:
1. Acquire a working knowledge of French ballet terminology.
2. Articulate observed personal growth throughout the course of the semester.

| Title | Tags |
| --- | --- |
| Professionalism Objective | 186763, 0, 9 |

Learning Outcome

Each student will:
1. Demonstrate an understanding of professionalism and ballet etiquette.

| Title | Tags |
| --- | --- |
| Technique Objective | 186771, 0, 0 |

Learning Outcome

Each student will:
1. Execute advanced skill in pre-professional ballet technique and pointe work.

## DANCE 494R - Ballet Pointe/Variations

### Course Information

## DANCE 495R - Pas de Deux

### Course Information

**Teaching Area (new)**
DANCE
**Course Number**
494R
**Teaching Area**
DANCE
**Course Title**
Ballet Pointe/Variations
**Course Description**
Advanced Ballet pointe/variations.
**Department**
Dance
**When Taught**
Fall

## Credit Hours

**Min**
0.5

**Fixed**
0.5

## Lecture Hours

**Fixed**
0

**Other Prerequisites**
Dance 490 must be taken concurrently.

| Title | Tags |
| --- | --- |
| Writing Objective 1 | 186700, 3 |

**Learning Outcome**
Students will compile a notebook with the background, libretto, and details of each variation which will aid in the future instructing of these variations. The student will include specifics on choreographers, composers, and dancers where applicable; as well as all steps of each variation written in a clear, understandable form.

| Title | Tags |
| --- | --- |
| Technique Objective 1 | 186701, 4 |

**Learning Outcome**
Students will learn each variation and be required to perform throughout the semester.

| Title | Tags |
| --- | --- |
| Participation Objective 2 | 186830, 1 |

**Learning Outcome**
Students will learn and record the background, libretto, and style of the specific ballets through brief lectures.

**Teaching Area (new)**
DANCE
**Course Number**
495R
**Teaching Area**
DANCE
**Course Title**
Pas de Deux
**Course Description**
Ballet partnering techniques.
**Department**
Dance
**When Taught**
Fall and Winter

## Credit Hours

**Min**
1

**Fixed**
1

## Lecture Hours

**Fixed**
0

## Lab Hours

**Fixed**
2

**Other Prerequisites**
Audition

| Title | Tags |
| --- | --- |
| Point of Balance (Male) | 186922, 0, 1 |

**Learning Outcome**
Students will be able to find their partner's point of balance on one and two leg(s).

| Title | Tags |
| --- | --- |
| Promenades (Male) | 186946, 0, 2 |

**Learning Outcome**
Students will be able to complete one full promenade with accuracy while maintaining their partner's point of balance.

| Title | Tags |
| --- | --- |
| Pirouettes (Males) | 186895, 0, 3 |

**Learning Outcome**
Students will be able to execute one full pirouette to the right and left, partnering at the waist.

| Title | Tags |
| --- | --- |
| Technique Objective 2 | 186886, 7 |

**Learning Outcome**
Students will prepare variations to perform and be graded on those technical and stylistic requirements.

| Title | Tags |
| --- | --- |
| Participation Objective 1 | 186970, 0 |

**Learning Outcome**
Students will learn and achieve technical and stylistic mastery of several variations from classical ballets.

| Title | Tags |
| --- | --- |
| Aerial Partnering (Male) | 186935, 0, 4 |

**Learning Outcome**
Students will perform aerial partnering to chest height with assistance from their partner.

| Title | Tags |
| --- | --- |
| Artistry and Appreciation (Male) | 186841, 0, 6 |

**Learning Outcome**
Students will demonstrate proper artistry by maintaining an appreciation for the partner's role in creating a union of movement.

| Title | Tags |
| --- | --- |
| Partner Communication (Male) | 186799, 0, 5 |

**Learning Outcome**
Students will communicate with their partner with respect, consideration, and candor both verbally and physically.

| Title | Tags |
| --- | --- |
| Perform Pas de Duex (Male) | 186805, 0, 7 |

**Learning Outcome**
Students will be able to correctly perform up to 3 classical pas de duex.

| Title | Tags |
| --- | --- |
| Point of Balance (Female) | 186980, 0, 8 |

**Learning Outcome**
Students will be able to correctly and consistently hold themselves with strength, posture, and form to assist their partners in finding their point of balance.

| Title | Tags |
| --- | --- |
| Promenade (Female) | 186957, 0, 9 |

**Learning Outcome**
Students will be able to complete one full promenade with accuracy while maintaining their strength, posture, and form.

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Pirouette (Female) | 187011, 0, 10 |

**Learning Outcome**
Students will be able to execute one full pirouette to the right and left while maintaining their strength, posture, and form.

| Title | Tags |
| --- | --- |
| Aerial Partnering (Female) | 186822, 0, 11 |

**Learning Outcome**
Students will perform aerial partnering to chest height while maintaining strength, posture, and form.

| Title | Tags |
| --- | --- |
| Partner Communication (Female) | 186777, 0, 12 |

**Learning Outcome**
Students will communicate with their partner with respect, consideration, and candor both verbally and physically.

| Title | Tags |
| --- | --- |
| Artistry and Appreciation (Female) | 186916, 0, 13 |

**Learning Outcome**
Students will demonstrate proper artistry by maintaining an appreciation for the partner's role in creating a union of movement.

| Title | Tags |
| --- | --- |
| Pas de Duex (Female) | 211347, 0, 14 |

**Learning Outcome**
Students will be able to correctly perform up to 3 classical pas de duex.

## DANCE 498R - Theatre Ballet

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
498R

**Teaching Area**
DANCE

**Course Title**
Theatre Ballet

**Course Description**
Performance technique and experience with BYU Theatre Ballet.

**Department**
Dance

**When Taught**
Fall; Winter.

#### Credit Hours

**Min**
2

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
10

**Other Prerequisites**
Audition and concurrent enrollment in Dance 490R, 495R, and 234.

## DANCE 500R - Workshop in Ballroom

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
500R

**Teaching Area**
DANCE

**Course Title**
Workshop in Ballroom

**Course Description**
Workshop in teaching methodologies and/or research of ballroom dance.

**Department**
Dance

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Title**
Workshop in Dance

**Tags**
187096, 1

**Learning Outcome**
Students will demonstrate, apply, and articulate a fundamental understanding of the elements of dance in improvisation and choreography.

## DANCE 500R - Workshop in Ballet

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
500R

**Teaching Area**
DANCE

**Course Title**
Workshop in Ballet

**Department**
Dance

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Title**
Workshop in Dance

**Tags**
187091, 1

**Learning Outcome**
Course outcomes are tailored to the specifc inent of these specialized courses

## DANCE 500R - Studies in Dance

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
500R

**Teaching Area**
DANCE

**Course Title**
Studies in Dance

**Course Description**
Experience in dance. Possibilities include but are not limited to study abroad, workshops, or pilot dance courses.

**Department**
Dance

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Title**
Commitment to Standards

**Tags**
187062, 1

**Learning Outcome**
1. Students will demonstrate a commitment to BYU and Dance Department standards in dress and behavior.

## DANCE 540R - Advanced Dance Technique in a Workshop Setting

### Course Information

**Teaching Area (new)**
DANCE
**Course Number**
540R
**Teaching Area**
DANCE
**Course Title**
Advanced Dance Technique in a Workshop Setting
**Course Description**
Studies in advanced ballet or contemporary dance technique in a workshop environment. Teacher approval required.
**Department**
Dance
**When Taught**
Contact Department

### Credit Hours

**Min**
1
**Fixed**
4

### Lecture Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
  **AND** DANCE 291R - Ballet Technique 2

**Additional Comments:**

## DANCE 544R - Advanced Studio Workshop

### Course Information

**Teaching Area (new)**
DANCE
**Course Number**
544R
**Teaching Area**
DANCE
**Course Title**
Advanced Studio Workshop
**Course Description**
Studies in improvisation, choreography and repertory in a studio workshop environment. Teacher approval required.
**Department**
Dance
**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**
1
**Fixed**
4

### Lecture Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 244R - Beginning Creative Processes

**Additional Comments:**

## DANSH 101 - First-Year Danish

### Course Information

**Teaching Area (new)**
DANSH
**Course Number**
101
**Teaching Area**
DANSH
**Course Title**
First-Year Danish
**Course Description**
Basic language skills. Includes International Cinema.
**Department**
Language Studies

## DANSH 102 - First-Year Danish

### Course Information

**Teaching Area (new)**
DANSH
**Course Number**
102
**Teaching Area**
DANSH
**Course Title**
First-Year Danish
**Course Description**
Basic language skills. Includes International Cinema.
**Department**
Language Studies

**When Taught**
Fall Even Years

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1.5

**Title**
Comprehension

**Tags**
190300, 0

**Learning Outcome**
Students will comprehend Danish as they hear and read authentic language relating to familiar topics.

**Title**
Speaking

**Tags**
190475, 1

**Learning Outcome**
Students will comprehend Danish as they hear and read authentic language relating to familiar topics.

**Title**
Language Learning Strategies

**Tags**
190528, 2

**Learning Outcome**
Students will develop comprehension and learning strategies to help them derive meaning from a wide variety of authentic language texts.

**Title**
Culture

**Tags**
190580, 3

**Learning Outcome**
Students will display appropriate awareness of everyday culture in Danish-speaking countries.

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1.5

**Title**
Speaking

**Tags**
190307, 1

**Learning Outcome**
Students will be able to speak Danish well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.)

**Title**
Comprehension

**Tags**
190369, 0

**Learning Outcome**
Students will be able to comprehend Danish as they hear and read authentic language relating to familiar topics.

**Title**
Language Learning Strategies

**Tags**
190431, 3

**Learning Outcome**
Students will develop strategies to help them derive meaning from a wide variety of authentic language texts.

**Title**
Culture

**Tags**
190494, 4

**Learning Outcome**

Learning Outcome
Students will display appropriate awareness of everyday culture in Danish-speaking countries.

| Title | Tags |
| --- | --- |
| Writing | 190543, 2 |

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Danish on familiar topics.

## DANSH 201 - Second-Year Danish

### Course Information

Teaching Area (new)
DANSH

Course Number
201

Teaching Area
DANSH

Course Title
Second-Year Danish

Course Description
Conversation, vocabulary building, and reading and writing skills, emphasizing reading. Includes International Cinema.

Department
Language Studies

When Taught
Fall Odd Years

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1.5

Other Prerequisites
Dansh 102 or equivalent experience

| Title | Tags |
| --- | --- |
| Comprehension | 190253, 0 |

Learning Outcome
Students will be able to comprehend Danish as they hear

## DANSH 202 - Second Year Danish

### Course Information

Teaching Area (new)
DANSH

Course Number
202

Teaching Area
DANSH

Course Title
Second Year Danish

Course Description
Emphasis on literature and culture with continued writing, grammar, listening, and speaking. Includes International Cinema.

Department
Language Studies

When Taught
Winter Even Years

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

Note
Culminating course for GE Foreign Language requirement (except for returned missionaries or those with equivalent experience).

| Title | Tags |
| --- | --- |
| Danish Culture | 190358, 3 |

Learning Outcome
Students will broaden and

and read authentic language relating to familiar topics with strategies to even derive meaning out of less familiar topics.

| Title | Tags |
| --- | --- |
| Speaking and Writing | 190266, 1 |

**Learning Outcome**
Students will be able to speak and write Danish well enough to satisfy immediate needs. (Students will learn to communicate in social situations asking and answering questions, carrying out transactions, and talking about a variety of topics of common interest in present, past, and future times.)

| Title | Tags |
| --- | --- |
| Conversation | 190367, 2 |

**Learning Outcome**
Students will be able to participate actively in conversations about Danish-speaking countries, concrete topics, and current events.

| Title | Tags |
| --- | --- |
| Opinions | 190508, 3 |

**Learning Outcome**
Students will be able to begin expressing and supporting opinions about familiar topics.

deepen their perception and appreciation of Danish culture.

| Title | Tags |
| --- | --- |
| Comprehension | 190382, 1 |

**Learning Outcome**
Students will be able to comprehend Danish as they hear and read authentic language relating to familiar and less familiar topics.

| Title | Tags |
| --- | --- |
| Literature and Cultural History | 190594, 0 |

**Learning Outcome**
Students will be able to identify and define key characteristics of the important moments in Danish cultural history and place significant works in a meaningful cultural and historical context using the basic tools of literary analysis.

| Title | Tags |
| --- | --- |
| Speaking and Writing | 190598, 2 |

**Learning Outcome**
Students will improve their reading and writing skills in Danish by beginning to communicate in connected and extended discourse, expressing and supporting opinion, and navigating less-familiar topics and situations.

## DANSH 211R - Second-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANSH | 211R |

**Teaching Area**
DANSH
**Course Title**
Second-Year Conversation
**Course Description**
Intermediate listening comprehension and speaking skills.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

## DANSH 311R - Third-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANSH | 311R |

**Teaching Area**
DANSH
**Course Title**
Third-Year Conversation
**Course Description**
Advanced conversational skills.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

Min
0.5

Fixed
5

Other Prerequisites
Dansh 102 or equivalent experience

| Title | Tags |
| --- | --- |
| Fluency | 190227, 2 |

Learning Outcome
Students will be able to use an appropriate variety of vocabulary related to autobiographical and concrete topics.

| Title | Tags |
| --- | --- |
| Description and Narration | 190316, 0 |

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

| Title | Tags |
| --- | --- |
| Vocabulary | 190435, 3 |

Learning Outcome
Students will speak in a way so as to be understood most of the time without difficulty by native speakers unaccustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Opinions | 190595, 1 |

Learning Outcome
Students will be able to speak about autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions, and cope with gaps in knowledge.

Min
0.5

Fixed
5

Other Prerequisites
Dansh 211R or equivalent experience.

| Title | Tags |
| --- | --- |
| Opinions | 190265, 1 |

Learning Outcome
Students will be able to relate current events, plots of books or movies, and state opinion.

| Title | Tags |
| --- | --- |
| Pronunciation | 190284, 4 |

Learning Outcome
Students will speak in a way so as to be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Fluency | 190404, 2 |

Learning Outcome
Students will be able to initiate and maintain fluent conversations and cope with gaps in knowledge in contexts related to concrete topics.

| Title | Tags |
| --- | --- |
| Vocabulary | 190538, 3 |

Learning Outcome
Students will be able to speak using an appropriate variety of vocabulary related to autobiographical and concrete topics as well as to current and other events.

| Title | Tags |
| --- | --- |
| Description and Narration | 190578, 0 |

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

## DANSH 321 - Advanced Danish

### Course Information

**Teaching Area (new)**
DANSH

**Course Number**
321

**Teaching Area**
DANSH

**Course Title**
Advanced Danish

**Course Description**
Third-year course in Danish. Developing advanced language skills in speaking, reading, listening, and writing as defined by ACTFL standards.

**Department**
Language Studies

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Dansh 202 or equivalent experience.

**Note**
Entry course for returned missionaries or others with equivalent Danish language experience. Required course for obtaining language credit by examination (Dansh 101, 102, 201, 211R).

| Title | Tags |
|---|---|
| Speech and Writing | 190611, 1 |

**Learning Outcome**
Students will develop their ability to narrate and describe in the present and past time frames, use connected discourse, and learn to manage complications in the language through communicative strategies, without patterns of breakdown. Students will develop partial control of their ability to support their opinions and hypothesize about abstract topics, in the context of extended

## DANSH 340 - Danish Literature

### Course Information

**Teaching Area (new)**
DANSH

**Course Number**
340

**Teaching Area**
DANSH

**Course Title**
Danish Literature

**Course Description**
Readings in Danish literature; introduction to basic literary concepts. Includes International Cinema.

**Department**
Comparative Arts &Letters

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0.5

**Recommended**
Dansh 321 or equivalent experience

**Note**
Culminating course for GE Foreign Language requirement.

| Title | Tags |
|---|---|
| Danish Culture | 190029, 1 |

**Learning Outcome**
Students should understand key trends and works from Danish culture, recognize connections between these works, and be able to relate them to the development of contemporary Danish culture.

| Title | Tags |
|---|---|
| Cultural Literacy | 190030, 4 |

**Learning Outcome**
Students should relate the ideas and issues raised by the works we

topics, in the context of extended discourse. You should be able to discuss various subjects with ease and debate your position with success using a number of strategies.

| Title | Tags |
| --- | --- |
| Critical Thinking, Accuracy, Text Types | 190612, 2 |

**Learning Outcome**
Students will analyze and employ proper grammatical, lexical, phonological and literary functions in descriptive and narrative texts, in summaries, detailed descriptions and narrations, analyses and argumentative essays.

| Title | Tags |
| --- | --- |
| Listening Comprehension | 190613, 3 |

**Learning Outcome**
Students will be able to understand a variety of advanced topics and dialects and use this as a basis for communication.

| Title | Tags |
| --- | --- |
| Danish Culture | 190614, 4 |

**Learning Outcome**
Students will broaden and deepen their perception and appreciation of Danish culture.

study in class to the students' own cultural moment as well as to their own experience with contemporary Danish culture.

| Title | Tags |
| --- | --- |
| Lifelong learning | 190031, 6 |

**Learning Outcome**
Students should better know how to understand, interpret, and thoughtfully reflect upon the literature and art encountered later in life.

| Title | Tags |
| --- | --- |
| Analytic and Writing Skills | 190280, 2 |

**Learning Outcome**
Students should be able to insightfully analyze important literary and artistic works from Danish cultural history and be able to communicate this analysis through articulate written and oral presentations in Danish. Students will also develop basic research skills.

## DANSH 399R - Academic Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DANSH | 399R |

**Teaching Area**
DANSH
**Course Title**
Academic Internship
**Course Description**
On-the-job experience in Danish.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**

## DARI 100 - Language Study: Dari

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DARI | 100 |

**Teaching Area**
DARI
**Course Title**
Language Study: Dari
**Course Description**
Beginning speaking, listening, reading, and writing skills in Dari.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**

3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Department's consent

| Title | Tags |
|---|---|
| Professional Experience | 190628, 1 |

**Learning Outcome**
Improve professional experience and appreciation of cultural practices in an international context.

2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 197319, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 197321, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 197323, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## DARI 101 - First-Year Language Study: Dari

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| DARI | 101 |

**Teaching Area**
DARI
**Course Title**
First-Year Language Study: Dari
**Course Description**
Beginning speaking, listening, reading, and writing skills.
**Department**
Language Studies
**When Taught**
Contact Department

## DARI 102 - First-Year Language Study: Dari

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| DARI | 102 |

**Teaching Area**
DARI
**Course Title**
First-Year Language Study: Dari
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Dari.
**Department**
Language Studies
**When Taught**

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 197326, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197330, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197332, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197335, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DARI 101 - First-Year Language Study: Dari

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 197339, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197340, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197341, 3 |

**Learning Outcome**
In the target language, write short, simple messages

consisting of structurally-accurate sentences on familiar topics.

**Title**
Culture

**Tags**
197343, 4

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## DARI 201 - Second-Year Language Study: Dari

### Course Information

**Teaching Area (new)**
DARI

**Course Number**
201

**Teaching Area**
DARI

**Course Title**
Second-Year Language Study: Dari

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Dari.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DARI 102 - First-Year Language Study: Dari

## DARI 202 - Second-Year Language Study: Dari

### Course Information

**Teaching Area (new)**
DARI

**Course Number**
202

**Teaching Area**
DARI

**Course Title**
Second-Year Language Study: Dari

**Course Description**
Continued emphasis on Dari communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DARI 201 - Second-Year Language Study: Dari

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197344, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197346, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197348, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 197351, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

- DARI 201 - Second-Year Language Study: Dari

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197355, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197358, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197360, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197377, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

# DARI 305 - Language Skills Development: Dari

## Course Information

**Teaching Area (new)**
DARI

**Course Number**
305

**Teaching Area**
DARI

**Course Title**
Language Skills Development: Dari

**Course Description**
Increasing proficiency in one or more of the following Dari language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197379, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197382, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197386, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native

# DARI 321 - Advanced Grammar: Dari

## Course Information

**Teaching Area (new)**
DARI

**Course Number**
321

**Teaching Area**
DARI

**Course Title**
Advanced Grammar: Dari

**Course Description**
Systematic review of grammar and syntax of Dari.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DARI 202 - Second-Year Language Study: Dari

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197396, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197398, 2 |

**Learning Outcome**
Apply grammar rules with

speakers associated with the special purpose.

Apply grammatical rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197403, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## DARI 330 - Advanced Language Proficiency Through Cultural Studies: Dari

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DARI | 330 |

**Teaching Area**
DARI
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Dari
**Course Description**
Study of Dari culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Dari 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement

## DARI 340 - Introduction to Literature: Dari

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DARI | 340 |

**Teaching Area**
DARI
**Course Title**
Introduction to Literature: Dari
**Course Description**
Advanced study of Dari literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197406, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197410, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197412, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197417, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Complete ALL of the following Courses:**

- DARI 330 - Advanced Language Proficiency Through Cultural Studies: Dari

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197422, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197426, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197427, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197429, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## DARI 350 - Advanced Language Study for Career Purposes: Dari

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| DARI | 350 |

**Teaching Area**
DARI

## DES 111R - Design Lecture Series

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| DES | 111R |

**Teaching Area**
DES

**Course Title**

**Course Title**
Advanced Language Study for Career Purposes: Dari
**Course Description**
Concentration on Dari language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DARI 330 - Advanced Language Proficiency Through Cultural Studies: Dari

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197432, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197434, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Design Lecture Series
**Course Description**
Visiting lecture series exploring visual culture and and design practice through the lenses of various practicing professionals.
**Department**
Design
**When Taught**
Fall

## Credit Hours

**Min**
0.5

**Fixed**
0.5

## Lecture Hours

**Fixed**
1

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Design majors only or instructor permission.

| Title | Tags |
|---|---|
| Design Practice | 208771, 0, 1 |

**Learning Outcome**
Students will be able to identify and understand the diverse modes of professional practice in various disciplines of contemporary visual communications, including graphic design, photography, illustration, and interaction design, through guest lectures and research.

| Title | Tags |
|---|---|
| Design Theory and Criticism | 208772, 0, 2 |

**Learning Outcome**
Students will be able to analyze and identify critical theories of design, art, aesthetics, image systems, pictorial semiotics and visual perception through selected readings and writing assignments.

| Title | Tags |
|---|---|
| Design Thinking | 208773, 0, 3 |

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197436, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197438, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197440, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

**Learning Outcome**
Students will be able to apply sound thinking, creative inquiry, and diverse modes of reasoning, including visual, perceptual, conceptual, inductive, deductive, analytical, logical, critical, organizational and creative.

| Title | Tags |
| --- | --- |
| Creative Discovery | 208774, 0, 4 |

**Learning Outcome**
Students will be able to identify and apply methodologies to foster creativity, solve visual problems, and address social concerns with innovative approaches to design practice.

| Title | Tags |
| --- | --- |
| Communication, Beliefs, and Ethics | 208775, 0, 5 |

**Learning Outcome**
Students will be able to discuss the central role of beliefs and ethics in visual communication through art and design. Students will have the ability to examine how the values of societies are expressed in their visual cultures and recognize the role of the individual designers in delivering meaning through image systems.

| Title | Tags |
| --- | --- |
| Design Practice | 187264, 1 |

**Learning Outcome**
Students will be able to identify and understand the diverse modes of professional practice in various disciplines of contemporary visual communications, including graphic design, photography, illustration, and interaction design, through guest lectures and research.

| Title | Tags |
| --- | --- |
| Design Theory and Criticism | 187265, 2 |

**Learning Outcome**
Students will be able to analyze and identify critical theories of design, art, aesthetics, image systems, pictorial semiotics and

visual perception through selected readings and writing assignments.

| Title | Tags |
| --- | --- |
| Design Thinking | 187266, 3 |

**Learning Outcome**
Students will be able to apply sound thinking, creative inquiry, and diverse modes of reasoning, including visual, perceptual, conceptual, inductive, deductive, analytical, logical, critical, organizational and creative.

| Title | Tags |
| --- | --- |
| Creative Discovery | 187267, 4 |

**Learning Outcome**
Students will be able to identify and apply methodologies to foster creativity, solve visual problems, and address social concerns with innovative approaches to design practice.

| Title | Tags |
| --- | --- |
| Communication, Beliefs, and Ethics | 187268, 5 |

**Learning Outcome**
Students will be able to discuss the central role of beliefs and ethics in visual communication through art and design. Students will have the ability to examine how the values of societies are expressed in their visual cultures and recognize the role of the individual designers in delivering meaning through image systems.

## DES 150 - Introduction to Life Drawing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DES | 150 |

**Teaching Area**
DES
**Course Title**
Introduction to Life Drawing
**Course Description**
Life study using a variety of media and methods. Readings, writing, and participation in course work exhibition required.
**Department**

## DES 198 - Introduction to Interdisciplinary Design

### Course Information

**Course Number**
198
**Teaching Area**
DES
**Course Title**
Introduction to Interdisciplinary Design
**Course Description**
This class will help orient students to the nature of interdisciplinary work, help them evaluate and understand the constraints and benefits

Design
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESIL 101 - Drawing and Composition

**Additional Comments:**

**Other Prerequisites**
Accepted Illustration pre-majors only.

| Title | Tags |
|---|---|
| Figure Drawing | 106301, 0 |

**Learning Outcome**
Students will be able to identify and apply basic principles of figure drawing, such as angles, proportions, and lines of action, in both quick studies as well as in longer studies.

| Title | Tags |
|---|---|
| Volume, Foreshortening, and the Human Form | 106302, 0 |

**Learning Outcome**
Students will be able to analyze and draw human forms using volume, foreshortened masses, and body rhythms.

work, help them evaluate and understand the constraints and benefits of this major and other department majors, and provide them with an opportunity to meet multiple faculty of disciplines that contribute to this major (Graphic Design, Photo- and Lens-based design, and Illustration).
**Department**
Design
**When Taught**
Contact Department

### Credit Hours

**Fixed**
0.5

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESIL 101 - Drawing and Composition
  **OR** DESGD 145 - Design 1
  **OR** DESPH 116 - Introduction to Photography and Digital Workflow

**Additional Comments:**

**Other Prerequisites**
Accepted pre-BA Design majors only.

**Recommended**
Students should be concurrently enrolled in one or more pre-major classes spanning multiple disciplines (e.g. Photo- and Lens-based design *and* Graphic Design, or Illustration *and* Graphic Design)

| Title | Tags |
|---|---|
| Evaluation | 213574, 0, 1, 2023-08-29 08:36:13 |

**Learning Outcome**
Evaluate and understand the constraints and benefits of this major

| Title | Tags |
|---|---|
| Interdisciplinary Design | 213575, 0, 2, 2023-08-29 08:36:15 |

**Learning Outcome**
Understand different contemporary design disciplines and create work that involves multiple disciplines

## DES 217 - Design Thinking

## DES 280 - Motion Concepts

## DES 217 - Design Thinking

### Course Information

**Teaching Area (new)**
DES

**Course Number**
217

**Teaching Area**
DES

**Course Title**
Design Thinking

**Course Description**
Students will unpack each step of the design thinking process while honing critical thinking, conceptual development, and craft through readings and projects.

**Department**
Design

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Design Practice | 187291, 1 | Students will be able to understand the diverse methods employed in design thinking and establish a workable design thinking framework to use in their practices. |
| Design Theory and Criticism | 187292, 2 | Students will be able to examine critical theories of design, systems thinking, and design methodologies. |
| Design Thinking | 187293, 3 | |

## DES 280 - Motion Concepts

### Course Information

**Teaching Area (new)**
DES

**Course Number**
280

**Teaching Area**
DES

**Course Title**
Motion Concepts

**Course Description**
Studio course instructing students in the art of design and communication with motion and sound. Design principles, editing, and narrative concepts are employed to create short motion design projects.

**Department**
Design

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Department of Design BFA and BA majors only.

| Title | Tags | Learning Outcome |
|---|---|---|
| Story and Mood | 213576, 0, 1, 2023-08-29 08:36:18 | Students will be able to create a story and mood with movement and animation using editing to control the story. |
| Designing with Time, Space, and Sound | 213577, 0, 2, 2023-08-29 08:36:19 | Students will create projects that demonstrate understanding of time, 2D and 3D space, and sound. |
| Motion Graphics Projects | 213578, 0, 3, 2023-08-29 08:36:21 | |

Learning Outcome
Students will be able to demonstrate sound thinking, creative inquiry, and diverse modes of reasoning-visual, perceptual, conceptual, inductive, deductive, analytical, logical, critical, organizational, and creative-through discussion and writing.

| Title | Tags |
| --- | --- |
| Creative Discovery | 187294, 4 |

Learning Outcome
Students will be able to solve problems and address social concerns with innovative approaches to design and exploratory methodologies.

| Title | Tags |
| --- | --- |
| Communication, Beliefs, and Ethics | 187295, 5 |

Learning Outcome
Students will be able to recognize the role of the individual designer in delivering meaning through design thinking and discuss the central role of beliefs and ethics in visual communication through art and design.

Learning Outcome
Students apply design principles and narrative techniques to animation and motion graphics projects using current professional standard tools.

| Title | Tags |
| --- | --- |
| Written and Oral Communication | 213579, 0, 4, 2023-08-29 08:36:22 |

Learning Outcome
Students will be able to effectively explain and defend their work using written and oral communication skills.

## DES 340 - Graphics: Brand & Type

### Course Information

**Teaching Area (new)**
INDES
**Course Number**
340
**Teaching Area**
DES
**Course Title**
Graphics: Brand & Type
**Course Description**
Introduction to graphic skills such as corporate identity, packaging design, logo design, and web/interface design elements.
**Department**
Design
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**

## DES 383 - Analog Motion

### Course Information

**Course Number**
383
**Teaching Area**
DES
**Course Title**
Analog Motion
**Course Description**
Interdisciplinary course with a focus on stop motion animation. Illustration, photography, graphic design, animation, and hybrid majors will apply their existing skills towards the creation of short-form works using a multi-plane setup. The course is a balanced mix of theory and practice, with detailed instruction on montage, efficient storytelling, animation techniques, and the complete production pipeline. Students will complete projects for both commercial and entertainment applications. A playful, experimental approach is encouraged as students learn the foundational principles of motion design. This course has no prerequisites.
**Department**
Design
**When Taught**
Fall

3

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Fall

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Other Prerequisites
Design BFA & BA majors only.

| Title | Tags |
| --- | --- |
| Narrative Theory | 213584, 0, 1, 2023-08-29 08:36:30 |

Learning Outcome
Students will learn to apply foundational theories such as montage and semiotics to create cleverly executed visual narratives.

| Title | Tags |
| --- | --- |
| Designing with Time, Space, and Sound | 213585, 0, 2, 2023-08-29 08:36:32 |

Learning Outcome
Students will learn principles of effective film editing, gestural movement, scene composition, and sound design.

| Title | Tags |
| --- | --- |
| Interdisciplinary Skill-Building | 213586, 0, 3, 2023-08-29 08:36:34 |

Learning Outcome
Students will learn how to apply and expand their existing skill sets towards disciplines outside of their major. They will develop a greater ability to navigate the cross-disciplinary nature of the creative industry.

| Title | Tags |
| --- | --- |
| Interdisciplinary Collaboration | 213587, 0, 4, 2023-08-29 08:36:35 |

Learning Outcome
Students will work in interdisciplinary groups, building skills in collaboration

and producing complex stop-motion works with more efficiency and creativity than can be done in isolation.

| Title | Tags |
| --- | --- |
| Technical Expertise | 213588, 0, 5, 2023-08-29 08:36:36 |

**Learning Outcome**
Students will become more agile when working with a wide variety of physical and digital tools. Students will work with set equipment, cameras and lights, puppet construction, physical and digital image-making, film editing, sound capture, post-production effects, etc.

| Title | Tags |
| --- | --- |
| Presentation Skills | 213589, 0, 6, 2023-08-29 08:36:37 |

**Learning Outcome**
Students will learn to communicate their ideas to audiences at key stages in the production pipeline. Writing and speaking skills will develop as students learn to present to clients in a professional context.

## DES 390 - Design Theory and Visual Culture

### Course Information

**Teaching Area (new)**
DES
**Course Number**
390
**Teaching Area**
DES
**Course Title**
Design Theory and Visual Culture
**Course Description**
Theoretical and historical readings and discussions explore visual culture, aesthetics, critical studies, ethics, and design practice across various professional disciplines with a focus on historical trajectories and speculative futures.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

## DES 394R - Special Topics

### Course Information

**Teaching Area (new)**
DES
**Course Number**
394R
**Teaching Area**
DES
**Course Title**
Special Topics
**Course Description**
Advanced studio course offering project-based, interdisciplinary study of a specialized design topic.
**Department**
Design
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

**Other Prerequisites**
Design majors only.

| Title | Tags |
| --- | --- |
| Ethics and Innovation | 187290, 4 |

**Learning Outcome**
Students will be able to understand the ethics of design and principles of innovation for engaging with and improving the world through design and image.

| Title | Tags |
| --- | --- |
| Design and Cultural History | 187287, 1 |

**Learning Outcome**
Students will be able to identify ways in which visual design shapes and is shaped by society through communications, social relations, culture, economies, education, politics and history.

| Title | Tags |
| --- | --- |
| Critical Discourse | 187288, 2 |

**Learning Outcome**
Students will be able to understand, discuss, and write about the theoretical, philosophical, social, and critical discourse--the "whys" and "why nots" of design practice and visual culture--and how their work fits into these contexts

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Design majors, or advertising design minors, or instructor permission only.
**Fee**
25
**Note**
Fee.

| Title | Tags |
| --- | --- |
| Image and Meaning | 187289, 3 |

**Learning Outcome**
Students will be able to demonstrate fluency in interpretation and analysis of image systems, semiotics and meaning of visual culture in its diverse forms.

## DES 411R - Field Study

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DES | 411R |

**Teaching Area**
DES
**Course Title**
Field Study
**Course Description**
On-location study of design.
**Department**
Design
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Directed Field Study | 187286, 1 |

**Learning Outcome**
Students will be able to participate in a mentored, off-campus learning environment during the completion of a field study project.

## DES 480 - 3D Motion

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DES | 480 |

**Teaching Area**
DES
**Course Title**
3D Motion
**Course Description**
Continues the exploration of design and communication with motion and animation, including and especially designing in 3-D spaces. Design principles and storytelling concepts are employed to create short motion design projects.
**Department**
Design
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DES 280 - Motion Concepts

**Additional Comments:**

**Other Prerequisites**
Dept of Design majors, or instructor consent only.

| Title | Tags |
| --- | --- |
| Design Techniques and Tools | 213590, 0, 1, 2023-08-29 08:36:41 |

**Learning Outcome**
Students will be able to create complex motion graphics, demonstrating a deep knowledge of the language and methodology of motion design, artfully combining animation, sound, 3D tools, and live-action footage.

| Title | Tags |
| --- | --- |
| Cultural Change, Context and Audience | 213591, 0, 2, 2023-08-29 08:36:42 |

**Learning Outcome**
Students will be able to create designs that are catalysts for positive cultural change and that consider the importance of context, audience, and history in their work.

| Title | Tags |
| --- | --- |
| Design Thinking | 213592, 0, 3, 2023-08-29 08:36:44 |

**Learning Outcome**
Students will be able to create strong conceptual work that is informed by research, design thinking, and their own personal voice.

| Title | Tags |
| --- | --- |
| Design Across Media Types | 213593, 0, 4, 2023-08-29 08:36:45 |

**Learning Outcome**
Students will be able to become agile thinkers and designers across multiple mediums, and gain proficiency in professional technologies to communicate their ideas.

| Title | Tags |
| --- | --- |
| Portfolio Building | 213594, 0, 5, 2023-08-29 08:36:46 |

**Learning Outcome**
Students will be able to build and edit a compelling motion design demo reel.

## DES 496R - Academic Internship: Professional Internship

### Course Information

**Teaching Area (new)**
DES
**Course Number**
496R
**Teaching Area**
DES
**Course Title**
Academic Internship: Professional Internship
**Course Description**
Work experience in professional design studio evaluated by supervisor.
**Department**
Design
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
6

**Other Prerequisites**
Department and faculty advisor's consent.
**Note**
An APPROVED Internship Application is required before adding.

**Title**
Skill Application
**Tags**
187300, 1

**Learning Outcome**
Students will have the opportunity to apply their design skills in a real working environment.

**Title**
Client Needs and Design Integrity
**Tags**
187301, 2

**Learning Outcome**
Students will learn how to meet the needs of the client while preserving the integrity of the design principles they have learned in class. Communication skills are paramount.

**Title**
Effective Collaboration
**Tags**
187302, 3

**Learning Outcome**
Students will be able to interact with team members from all areas of expertise on a real-world project.

## DES 498R - Directed Studies

### Course Information

**Course Number**
498R
**Teaching Area**
DES
**Course Title**
Directed Studies
**Course Description**
Students will be able to meet regularly with a professor or mentor throughout the course of the semester to complete a project of their own choosing.
**Department**
Design
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor add code required; students should meet with their mentor and propose a self-directed, mentored project to work on during the semester in which they take this class.
**Recommended**
It is recommended that students complete most of their required major coursework before taking this class. This class should ideally be taken during the final year before graduation.

**Title**
Design Project
**Tags**
213595, 0, 1, 2023-08-29 08:36:49

**Learning Outcome**
Students will design a major visual artifact (or series of artifacts or experience) that demonstrate synthesis and mastery of their other coursework and establish a rhetorically compelling relationship between the content and format of their work.

**Title**
Ideas, Critique, Mentorship
**Tags**
213596, 0, 2, 2023-08-29 08:36:50

Learning Outcome
Students will develop ideas in consultation, critique, and individual mentorship with a faculty mentor

## DESAN 101 - Introduction to Drawing for Pre-Animation

### Course Information

Teaching Area (new)
DESAN
Course Number
101
Teaching Area
DESAN
Course Title
Introduction to Drawing for Pre-Animation
Course Description
This course will introduce drawing techniques for animators including scene composition, object placement, image sequencing, and camera angles. Students will learn to draw two-dimensional objects that appear to be three-dimensional with an appropriate sense of volume, weight, and balance.
Department
Design
When Taught
Fall Term 1; Winter Term 1.

#### Credit Hours

Min
1
Fixed
1

#### Lecture Hours

Fixed
1

#### Lab Hours

Fixed
0

Other Prerequisites
Pre-animation majors

Title
Perspective Drawing
Tags
208759, 0, 1

Learning Outcome
Students will be able to use perspective drawing to draw believable, dimensional objects in a scene.

## DESAN 102 - Drawing Fundamentals

### Course Information

Course Number
102
Teaching Area
DESAN
Course Title
Drawing Fundamentals
Course Description
Foundational skills of drawing structure and form.
Department
Design
When Taught
Winter

#### Credit Hours

Fixed
3

#### Lecture Hours

Fixed
6

#### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Completion Requirement

Complete ALL of the following Courses:
- DESAN 101 - Introduction to Drawing for Pre-Animation

Additional Comments:

Other Prerequisites
Animation pre-BFA status required.

Title
Foundational Drawing
Tags
213597, 0, 1, 2023-08-29 08:36:53

Learning Outcome
Students will learn to draw structurally and from

| Title | Tags |
| --- | --- |
| Visual Storytelling | 208760, 0, 2 |

**Learning Outcome**
Students will be able to compose visual elements in a frame with the purpose of telling a story.

| Title | Tags |
| --- | --- |
| Camera Angles | 208761, 0, 3 |

**Learning Outcome**
Students will be able to use camera position and the sequence of camera shots to tell a simple story.

observation in a variety of contexts, including drawing from a figure, drawing in perspective, and drawing organic objects. Students will be able to break forms down to volumes and represent the relationships between those volumes on the page in believable ways.

## DESAN 162 - Introduction to Two-Dimensional Animation Skills

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESAN | 162 |

**Teaching Area**
DESAN
**Course Title**
Introduction to Two-Dimensional Animation Skills
**Course Description**
Foundational principles and techniques for animation, storyboarding, design, and a variety of two-dimensional animation skill sets.
**Department**
Design
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
1.5

**Fixed**
1.5

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

## DESAN 250R - Gesture Drawing for Animators

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESAN | 250R |

**Teaching Area**
DESAN
**Course Title**
Gesture Drawing for Animators
**Course Description**
Drawing human and animal forms in motion.
**Department**
Design
**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESAN 101 - Introduction to Drawing for Pre-Animation

**Additional Comments:**

**Other Prerequisites**
Accepted Pre-animation major status.
**Note**
Please note that students granted pre-BFA Animation status have priority registration.

| Title | Tags |
|---|---|
| Perspective, Composition and Layout | 213598, 0, 1, 2023-08-29 08:36:56 |

**Learning Outcome**
Students will be able to apply basic principles of design, perspective, and composition by designing and drawing layouts for animated shots.

| Title | Tags |
|---|---|
| Structural Elements of Storytelling | 213599, 0, 2, 2023-08-29 08:36:57 |

**Learning Outcome**
Students will be able to deconstruct the basic structural elements of storytelling, including characters, conflicts, and settings, and identify the essential shots used in storyboarding and film.

| Title | Tags |
|---|---|
| 12 Principles of Animation | 213600, 0, 3, 2023-08-29 08:36:59 |

**Learning Outcome**
Students will be able to identify the twelve principles of animation and apply them in an animated shot, including timing, staging, anticipation, and overlapping action.

| Title | Tags |
|---|---|
| Expressive Drawing | 213601, 0, 4, 2023-08-29 08:37:00 |

**Learning Outcome**
Students will be able to put the basic theories of gesture drawing into practice as well as principles of design, such as shape language, abstraction, and

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESAN 102 - Drawing Fundamentals

**Additional Comments:**

**Other Prerequisites**
Animation BFA acceptance only.

| Title | Tags |
|---|---|
| Exaggeration | 187199, 1 |

**Learning Outcome**
Students will be able to apply thoughtful and deliberate exaggeration of design elements, proportions, and gestures while drawing the human figure.

| Title | Tags |
|---|---|
| Human Movement Rhythms | 187200, 2 |

**Learning Outcome**
Students will be able to analyze and identify the rhythms of the human body and relate each part to the whole figure in design and storytelling.

| Title | Tags |
|---|---|
| Human Figure Sketching | 187201, 3 |

**Learning Outcome**
Students will be able to competently and quickly draw the human figure from life.

| Title | Tags |
|---|---|
| Simplified Human Form | 187202, 4 |

**Learning Outcome**
Students will be able to simplify a figure down to essential details, achieving clarity in form and pose.

caricature, and show how to use them when creating animated characters.

## DESAN 260 - Basic Storyboarding

### Course Information

**Teaching Area (new)**
DESAN

**Course Number**
260

**Teaching Area**
DESAN

**Course Title**
Basic Storyboarding

**Course Description**
Introduction to visual storytelling and storyboarding in a collaborative setting.

**Department**
Design

**When Taught**
Spring Term

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESAN 162 - Introduction to Two-Dimensional Animation Skills

**Additional Comments:**

**Other Prerequisites**
Animation BFA majors only.

| Title | Tags |
| --- | --- |
| Individual Artistic and Critical Voice | 106323, 1 |

## DESAN 262 - Beginning Character Animation

### Course Information

**Teaching Area (new)**
DESAN

**Course Number**
262

**Teaching Area**
DESAN

**Course Title**
Beginning Character Animation

**Course Description**
Beginning three-dimensional animation with emphasis on the fundamental principles of timing, acting, performance, and overlapping action.

**Department**
Design

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESAN 162 - Introduction to Two-Dimensional Animation Skills

**Additional Comments:**

**Other Prerequisites**
Animation BFA majors only.

**Learning Outcome**
Students will be able to identify their individual artistic and critical voice in terms of animation storytelling, apply their knowledge of the history of the art form, and assess their own and others' work.

**Title**
Personal Artistic and Technical Skills

**Tags**
106324, 2

**Learning Outcome**
Students will be able to demonstrate strong artistic and technical skills, including drawing and storytelling, through the production of an animated product, including creating storyboards.

**Title**
Community Contribution

**Tags**
106325, 3

**Learning Outcome**
Students will be able to contribute and collaborate within an artistic community or team by actively participating in the development of two storyboarding projects.

## DESAN 265 - Visual Development

### Course Information

**Teaching Area (new)**
DESAN

**Course Number**
265

**Teaching Area**
DESAN

**Course Title**
Visual Development

**Course Description**
Fundamental skills of animation artists including design, composition, staging, value and color.

**Department**
Design

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

## DESAN 275 - Technical Drawing

### Course Information

**Course Number**
275

**Teaching Area**
DESAN

**Course Title**
Technical Drawing

**Course Description**
Using traditional methods to draw using perspective.

**Department**
Design

**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DESAN 102 - Drawing Fundamentals
  **AND** DESAN 162 - Introduction to Two-Dimensional Animation Skills

**Additional Comments:**

**Other Prerequisites**
Animation BFA majors only.

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**

- DESAN 102 - Drawing Fundamentals

**Additional Comments:**

**Other Prerequisites**
Animation BFA majors only

| Title | Tags |
| --- | --- |
| Perspective Drawing | 213605, 0, 1, 2023-08-29 08:37:11 |

**Learning Outcome**
Students will be able to draw and design complex scenes in perspective to a high level of detail.

| Title | Tags |
| --- | --- |
| 2D Drawing Environments | 213606, 0, 2, 2023-08-29 08:37:12 |

**Learning Outcome**
Students will be able to draw architecture, organic environment elements, and vehicles. Students will be able to create 2D layout drawings.

## DESAN 352 - Intermediate Character Animation

### Course Information

**Teaching Area (new)**
DESAN
**Course Number**
352
**Teaching Area**
DESAN
**Course Title**
Intermediate Character Animation
**Course Description**
Intermediate character animation and production.
**Department**
Design
**When Taught**
Winter

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- CSANM 252 - Introduction to Three-Dimensional Animation

Prerequisites
**Complete ALL of the following Courses:**
- DESAN 262 - Beginning Character Animation

**Additional Comments:**

**Note**
Course changed to CSAnm 350 beginning Fall 2012.

## DESAN 359 - Video Game Pre-Production

### Course Information

**Course Number**
359
**Teaching Area**
DESAN
**Course Title**
Video Game Pre-Production
**Course Description**
Develop video game ideas
**Department**
Design
**When Taught**
Spring Term

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ANY of the following Courses:**
- CSANM 354 - Materials and Surfacing
  **OR** CSANM 342 - Real-time Techniques
  **OR** DESAN 260 - Basic Storyboarding

**Additional Comments:**

**Title**
Video Game Development
**Tags**
213608, 0, 1, 2023-08-29 08:37:16

**Learning Outcome**
Students will either be able to develop early concept art for a video game, or develop game design prototypes for a video game, in a production environment. "

## DESAN 360R - Advanced Storyboarding

## DESAN 361R - Visual Development and Character Design

## Course Information

**Teaching Area (new)**
DESAN

**Course Number**
360R

**Teaching Area**
DESAN

**Course Title**
Advanced Storyboarding

**Course Description**
Exploring the professional practices of storyboard artists in advertising, film, TV, and animation through individual and group projects.

**Department**
Design

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESAN 250R - Gesture Drawing for Animators
  **AND** DESAN 260 - Basic Storyboarding
  **AND** DESAN 265 - Visual Development

**Additional Comments:**

**Title**
Storyboarding for Advertising, TV, Feature Animation, and Live Action

**Tags**
187203, 2

**Learning Outcome**
Students will be able to differentiate between storyboarding for advertising, television, feature animation, and live action film.

**Title**

**Tags**

Character Design

## Course Information

**Teaching Area (new)**
DESAN

**Course Number**
361R

**Teaching Area**
DESAN

**Course Title**
Visual Development and Character Design

**Course Description**
Design characters, props, and environments for various uses in animation and print.

**Department**
Design

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESAN 250R - Gesture Drawing for Animators

**Additional Comments:**

**Other Prerequisites**
Animation BFA acceptance.

**Title**
Character Design and Visual Development

**Tags**
187213, 1

**Learning Outcome**
Students will be able to identify advanced design principles and apply them by designing characters, props, and environments that are appealing to target audiences and suited to the needs of a given animated project.

| Title | Tags |
| --- | --- |
| Storyboards to Animatics | 187204, 1 |

**Learning Outcome**
Students will be able to successfully convert their storyboards into presentable animatics.

| Title | Tags |
| --- | --- |
| Storyboard Artist Skills | 187205, 3 |

**Learning Outcome**
Students will be able to exercise fundamental skills and knowledge required to succeed as a storyboard artist in the entertainment industry.

| Title | Tags |
| --- | --- |
| Story Pitching | 187206, 4 |

**Learning Outcome**
Students will be able to successfully present their ideas based on the art of the story pitch.

| Title | Tags |
| --- | --- |
| Story and Character | 187214, 2 |

**Learning Outcome**
Students will be able to construct compelling visual stories across a wide variety of character types and objects. Students will be able to develop character stories that inform their design decisions.

| Title | Tags |
| --- | --- |
| Abstraction and Caricature | 187215, 3 |

**Learning Outcome**
Students will be able to apply rules of abstraction and caricature in the appropriate proportions for a given character and project.

| Title | Tags |
| --- | --- |
| Technique and Design | 187216, 4 |

**Learning Outcome**
Students will be able to implement drawing, inking, and basic color techniques necessary for making designs presentable and interesting for art directors.

| Title | Tags |
| --- | --- |
| Style | 187217, 5 |

**Learning Outcome**
Students will be able to shift their drawing style as necessary and show how to balance design principles when creating new styles.

| Title | Tags |
| --- | --- |
| Critique | 187218, 6 |

**Learning Outcome**
Students will be able to differentiate between the various styles of critique and will be able to give and receive feedback using principles of good critique.

| Title | Tags |
| --- | --- |
| Visual Development as a Professional | 187219, 7 |

**Learning Outcome**

Learning Outcome

Students will be able to face the emotional and ethical challenges of visual development work in the animation industry with good attitudes and behaviors.

## DESAN 362R - Advanced Character Animation

### Course Information

**Teaching Area (new)**
DESAN
**Course Number**
362R
**Teaching Area**
DESAN
**Course Title**
Advanced Character Animation
**Course Description**
Advanced character and performance animation and scene direction.
**Department**
Design
**When Taught**
Fall

**Credit Hours**

**Min**
3
**Fixed**
3

**Lecture Hours**

**Fixed**
6

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESAN 262 - Beginning Character Animation
  **AND** DESAN 352 - Intermediate Character Animation

**Additional Comments:**

**Other Prerequisites**
Animation BFA majors only.

## DESAN 363R - Experimental Animation and Production

### Course Information

**Teaching Area (new)**
DESAN
**Course Number**
363R
**Teaching Area**
DESAN
**Course Title**
Experimental Animation and Production
**Course Description**
Develop basic knowledge of two-dimensional animation; emphasizing acting and performance of individual projects.
**Department**
Design
**When Taught**
Spring Term

**Credit Hours**

**Fixed**
1.5

**Lecture Hours**

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESAN 250R - Gesture Drawing for Animators
  **AND** DESAN 260 - Basic Storyboarding
  **AND** DESAN 262 - Beginning Character Animation

**Additional Comments:**

**Tags**
213609, 0, 1, 2023-08-29 08:37:25

**Learning Outcome**
Students will be able to experiment with simplified techniques in the creation of animated shorts.

**Tags**
213610, 0, 2, 2023-08-29 08:37:27

**Learning Outcome**
Students will learn the value of experimental animation and have an expanded personal sense of aesthetic and design concept.

## DESAN 364R - Digital Sculpting

## DESAN 365R - Digital Painting

## Course Information

**Teaching Area (new)**
DESAN

**Course Number**
364R

**Teaching Area**
DESAN

**Course Title**
Digital Sculpting

**Course Description**
Developing skills necessary for creating appealing, viable digital models. Issues involved in designing for the animation and gaming industry.

**Department**
Design

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CSANM 250 - Intermediate Three-Dimensional Computer Graphics
  **AND** DESAN 250R - Gesture Drawing for Animators

**Additional Comments:**

**Recommended**
DesAn 361R

| Title | Tags |
|---|---|
| Sculpting Software | 187224, 1 |

**Learning Outcome**
Students will be able to model and apply surfaces to characters and objects in 3-D sculpting software.

## Course Information

**Teaching Area (new)**
DESAN

**Course Number**
365R

**Teaching Area**
DESAN

**Course Title**
Digital Painting

**Course Description**
Tools and techniques of digital painting for concept design in the entertainment industry.

**Department**
Design

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESAN 265 - Visual Development

**Additional Comments:**

**Other Prerequisites**
Animation and Illustration BFA majors only.

| Title | Tags |
|---|---|
| Aligning with Art Direction | 187227, 1 |

**Learning Outcome**
Students will be able to create professional-quality digital paintings customized to the demands of an art director with a focus on animation industry design work.

| Title | Tags |
|---|---|

| Title | Tags |
| --- | --- |
| Three-Dimensional Design | 187225, 2 |

**Learning Outcome**
Students will be able to respond to issues that are unique to three-dimensional design and develop appealing solutions for those problems.

| Title | Tags |
| --- | --- |
| The Illusion of Life | 187226, 3 |

**Learning Outcome**
Students will be able to implement all applicable principles of animation to give their static models the illusion of life.

| Title | Tags |
| --- | --- |
| Software and Painting Skills | 187228, 2 |

**Learning Outcome**
Students will be able to use digital painting programs but learn principles of painting that can be applied regardless of software, including lighting and painting a scene when reference is unavailable, using rules of color and value composition to guide audience experience, and other applicable skills.

| Title | Tags |
| --- | --- |
| Group and Personal Skills | 187229, 3 |

**Learning Outcome**
Students will be able to work collaboratively with groups and take positive action from critiques by peers and directors through practicing the type of openness and humility necessary to resolve complex problems on a project.

## DESAN 394R - Special Topics

### Course Information

**Teaching Area (new)**
DESAN
**Course Number**
394R
**Teaching Area**
DESAN
**Course Title**
Special Topics
**Course Description**
Advanced studio course offering project-based, interdisciplinary study of a specialized design topic.
**Department**
Design
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Animation BFA acceptance or instructor's consent.
**Note**
Fee. Contact instructor for permission to add code.

| Title | Tags |
| --- | --- |
| Special Projects | 187230, 1 |

**Learning Outcome**
Students will be able to work independently with a faculty mentor to develop a personal animated project for their professional portfolios.

## DESAN 397R - Pitching for Film & Games

### Course Information

**Course Number**
397R
**Teaching Area**
DESAN
**Course Title**
Pitching for Film & Games
**Course Description**
Develop and pitch story structures and video game ideas to a group.
**Department**
Design
**When Taught**
Fall

#### Credit Hours

**Fixed**
1.5

#### Lecture Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Pitching Stories | 213611, 0, 1, 2023-08-29 08:37:32 |

**Learning Outcome**
Students will be able to write and present game and film pitches in front of an audience.

| Title | Tags |
| --- | --- |
| Idea Development | 213612, 0, 2, 2023-08-29 08:37:34 |

**Learning Outcome**
Students will be able to find the core of an idea and improve the idea around that core. Students will be able to recognize the difference between an idea that works compared to one that creates problems with scope, character needs, story structure, or focus.

## DESAN 450 - Advanced Life Drawing

### Course Information

**Course Number**
450
**Teaching Area**
DESAN
**Course Title**

## DESAN 460 - Business and Ethics in Animation

### Course Information

**Teaching Area (new)**
DESAN
**Course Number**
460
**Teaching Area**

Advanced Life Drawing
**Course Description**
Drawing the human figure through gesture and observation.
**Department**
Design
**When Taught**
Contact Department

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESAN 250R - Gesture Drawing for Animators

**Additional Comments:**

| Title | Tags |
|---|---|
| Figure Drawing | 213613, 0, 1, 2023-08-29 08:37:35 |

**Learning Outcome**
Students will be able to draw the human figure at a high level, merging the principles of design, gesture drawing, and observation to create an appealing image from a live or photo model.

| Title | Tags |
|---|---|
| Principles and Elements of Life Drawing | 213614, 0, 2, 2023-08-29 08:37:37 |

**Learning Outcome**
Students will master anatomy and structural drawing in ways appropriate to animation industry needs.

DESAN
**Course Title**
Business and Ethics in Animation
**Course Description**
Learning the practical and ethical side to the entertainment industry through readings and discussions as preparation for expectations as artists, leaders, and members of the Church.
**Department**
Design
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance to animation program.

| Title | Tags |
|---|---|
| Practices and Ethics in Industry | 106343, 1 |

**Learning Outcome**
Students will be able to demonstrate a working knowledge of various aspects of the entertainment industry including unions, locations, work hours, commutes, leadership, and so forth and apply this knowledge to their respective interests in entertainment.

## DESAN 462 - Capstone: Animation Analysis

### Course Information
**Course Number**
462
**Teaching Area**

## DESAN 486R - Developing Intellectual Properties in Animation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| DESAN | 486R |

DESAN
**Course Title**
Capstone: Animation Analysis
**Course Description**
Review of current work for the capstone projects
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
6

**Other Prerequisites**
Animation & Illustration BFA majors only.

| Title | Tags |
| --- | --- |
| Animation Critique | 213615, 0, 1, 2023-08-29 08:37:40 |

**Learning Outcome**
Students will present their work-in-progress animations weekly for review and critique and learn how to analyze their own work and make revisions.

**Teaching Area**
DESAN
**Course Title**
Developing Intellectual Properties in Animation
**Course Description**
The process of developing a marketable intellectual property within the animation industry. Examining industry constraints, marketing, and how story and visual design relate to an intellectual property. Introduction to the iterative development process from the early stages of development, through pre-production to presentation. Industry demands related to quality, longevity and creativity will be explored.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Animation majors only, or instructor's consent.

| Title | Tags |
| --- | --- |
| Designing Intellectual Property | 208762, 0, 1 |

**Learning Outcome**
Students will gain experience designing for specific criteria within an intellectual property.

| Title | Tags |
| --- | --- |
| Idea Development | 208763, 0, 2 |

**Learning Outcome**
Students will learn to use both collaborative and individual methods of idea development as they weave complex ideas together.

| Title | Tags |
| --- | --- |
| Presentation | 208764, 0, 3 |

**Learning Outcome**
Students will learn how to present intellectual property ideas to reviewers.

| Title | Tags |
| --- | --- |
| Development of Intellectual | |

| Property | 208765, 0, 4 |
|---|---|

**Learning Outcome**
Students will learn the process and considerations inherent in creating intellectual properties within the animation industries.

## DESAN 497R - BFA Independent Film Production

### Course Information

**Teaching Area (new)**
DESAN
**Course Number**
497R
**Teaching Area**
DESAN
**Course Title**
BFA Independent Film Production
**Course Description**
Advanced individual animation project with minimum guidance, showing a high degree of competence.
**Department**
Design
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
1
**Fixed**
3

**Other Prerequisites**
Instructor's consent.
**Note**
Contact instructor for permission-to-add code.

| Title | Tags |
|---|---|
| Directed Study | 187231, 1 |

**Learning Outcome**
Students will be able to work either collaboratively with a faculty mentor to develop the story on a student group-directed animated project or individually to create their own project under faculty direction.

## DESAN 498R - Directed Studies in Animation

### Course Information

**Teaching Area (new)**
DESAN
**Course Number**
498R
**Teaching Area**
DESAN
**Course Title**
Directed Studies in Animation
**Course Description**
Credit for work experience in animation.
**Department**
Design
**When Taught**
Contact Department

#### Credit Hours

**Min**
1
**Fixed**
6

**Other Prerequisites**
BFA advisor's consent.
**Note**
Permission to add code required; contact instructor.

| Title | Tags |
|---|---|
| Directed Study | 187232, 1 |

**Learning Outcome**
Students will be able to work collaboratively with a faculty mentor to do visual development work on a student group-directed animated project, or individually to create their own project under faculty direction.

## DESAN496R - Film Pre-Production

### Course Information

**Course Number**
496R
**Teaching Area**

## DESGD 145 - Design 1

### Course Information

**Teaching Area (new)**
DESGD
**Course Number**
145
**Teaching Area**

DESAN
**Course Title**
Film Pre-Production
**Course Description**
Develop short film story ideas
**Department**
Design
**When Taught**
Fall

### Credit Hours

**Fixed**
1.5

### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESAN 260 - Basic Storyboarding
  **AND** DESAN 363R - Experimental Animation and Production

**Additional Comments:**

**Other Prerequisites**
Animation & Illustration BFA majors only.

| Title | Tags |
| --- | --- |
| Film Development | 213616, 0, 1, 2023-08-29 08:37:45 |

**Learning Outcome**
Students will either be able to board a short film, or they will be able to do concept art for a short film, in a production environment.

DESGD
**Course Title**
Design 1
**Course Description**
Students will develop skill in drawing as a method of visual problem solving, and in composition through the application of design principles. Concepts, terminology, and processes necessary to communicate visual ideas.
**Department**
Design
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Pre-graphic design or design major, or advertising design minor.
**Fee**
25
**Note**
Fee.

| Title | Tags |
| --- | --- |
| Drawing Methods, Media, and Process | 187308, 1 |

**Learning Outcome**
Students will apply methods, processes, skills and techniques for compositional sketches ("thumbnails"), observational studies, design ideation, and imaginative conceptualization.

| Title | Tags |
| --- | --- |
| Visual Perception, Aesthetics, and Craft | 187309, 2 |

**Learning Outcome**
Students will demonstrate an enhanced visual perception, aesthetic sensitivity, craftsmanship, and fluency in drawing media.

| Title | Tags |
| --- | --- |
| Design Thinking | 187310, 3 |

**Learning Outcome**
Students will apply creative, analytical, and critical thinking to solve visual problems through the design process.

| Title | Tags |
| --- | --- |
| Visual Vocabulary | 187311, 4 |

**Learning Outcome**
Students will express, analyze, and discuss visual ideas using language that demonstrates understanding of visual concepts and terms as well as appreciate the central role of visual communication and ideas in creative design.

| Title | Tags |
| --- | --- |
| Design Theory and Practice | 187312, 5 |

**Learning Outcome**
Students will demonstrate fluency in fundamentals of two-dimensional design theory by applying design principles in compositional exercises, including unity, variety, balance, emphasis, rhythm etc.

| Title | Tags |
| --- | --- |
| Color Theory and Application | 187313, 6 |

**Learning Outcome**
Students will demonstrate understanding of color theory in compositions, showing fluency in using color to denote ideas, culture, mood, and emotion.

| Title | Tags |
| --- | --- |
| Design Aesthetics and Presentation | 187314, 7 |

**Learning Outcome**
Students will exhibit good organization, craftsmanship, presentation and taste in design exercises, projects, and assignments.

## DESGD 243 - Typography 1

### Course Information

**Teaching Area (new)**
DESGD

**Course Number**
243

**Teaching Area**
DESGD

**Course Title**
Typography 1

**Course Description**
Studio course which familiarizes the student with the history, terminology, elements, and principles of effective typographic communication.

**Department**
Design

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- DESGD 145 - Design 1

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 101 - Drawing and Composition

**Additional Comments:**

**Other Prerequisites**
Accepted Graphic Design pre-majors, Illustration BFA majors, Advertising Design minors, or instructor's consent.

| Title | Tags |
|---|---|
| History of Type | 106866, 0 |

## DESGD 245 - Design 2

### Course Information

**Teaching Area (new)**
DESGD

**Course Number**
245

**Teaching Area**
DESGD

**Course Title**
Design 2

**Course Description**
Study the elements and principles of design through the use of form, visual principles, theoretical and visual experimentation, concept development, and creative thinking. Systems, symbols, icons and expressive typography will be used to visually represent ideas and messages.

**Department**
Design

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESGD 145 - Design 1

**Additional Comments:**

**Other Prerequisites**
Accepted graphic design pre-majors, Advertising Design minors, or instructor permission.

**Fee**
100

**Note**
Fee.

| Title | Tags |
|---|---|
| The Design Process | 106873, 1 |

**Learning Outcome**
Students will be able to

Learning Outcome
Students will be able to have a deeper understanding of the evolution of typography from early printing methods through current digital typography.

Title
Type Nomenclature

Tags
106867, 1

Learning Outcome
Students will be able to understand and implement typographic terminology, classification, and anatomy.

Title
The Aesthetics of Typography

Tags
106868, 2

Learning Outcome
Students will be able to effectively compose type using fundamental aesthetic principles and skills.

Title
Processes in Typography

Tags
106869, 3

Learning Outcome
Students will be able to understand typographic production processes and technologies and output type for multiple mediums.

Title
Communicating with Type

Tags
106870, 4

Learning Outcome
Students will be able to analyze relationships between typography and effective communication, including understanding its effect on mood, the creation of typographic personality, and its use in appealing to a defined target market.

Title
Typographic Emphasis

Tags
106871, 5

Learning Outcome
Students will be able to understand the importance of hierarchy and emphasis within typography.

understand and implement the design process.

Title
Principles and Elements of Design

Tags
106874, 1

Learning Outcome
Students will be able to analyze and implement the principles and elements of design (such as balance, contrast, shape, etc.) and their relationship to graphic design.

Title
Composition, Color, Effective Use of Type, Photography

Tags
106875, 2

Learning Outcome
Students will be able to utilize principles and skills in special areas such as composition, color, appropriate use of photography and illustration, and the effective use of text type.

Title
Communication Mediums

Tags
106876, 3

Learning Outcome
Students will be able to understand the graphic designer's role in working with various communication mediums, including print, broadcast, and digital media.

Title
Basic Printing Processes

Tags
106877, 4

Learning Outcome
Students will be able to identify and understand basic printing processes and the benefits and restrictions of each.

Title
Paper and Printing Choices

Tags
106878, 5

Learning Outcome
Students will be able to understand the impact of paper and printing choices on the environment.

| Title | Tags |
| --- | --- |
| Typographic Systems | 106872, 6 |

**Learning Outcome**
Students will be able to design and implement a complex, elegant, typographic grid system.

| Title | Tags |
| --- | --- |
| Graphic Design Market and Careers | 106879, 6 |

**Learning Outcome**
Students will be able to understand the market and careers of graphic design.

## DESGD 248R - Letterpress Studio

### Course Information

**Teaching Area (new)**
DESGD
**Course Number**
248R
**Teaching Area**
DESGD
**Course Title**
Letterpress Studio
**Course Description**
Letterpress Studio introduces the history, type, and terminology of letterpress and gives student experience with the equipment, materials, and mechanics of printing.
**Department**
Design
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Design majors only.
**Note**
Fee.

| Title | Tags |
| --- | --- |
| Printing Processes | 106880, 1 |

**Learning Outcome**
Students will be able to carry out fundamental processes used in letterpress printing while producing printed projects in the

## DESGD 260 - Interface & Usability

### Course Information

**Teaching Area (new)**
DESGD
**Course Number**
260
**Teaching Area**
DESGD
**Course Title**
Interface & Usability
**Course Description**
Introduction to the process and methodology of designing across multiple media types. An introduction to designing interactive experiences.
**Department**
Design
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESGD 145 - Design 1

**Additional Comments:**

**Other Prerequisites**

studio.

| Title | Tags |
| --- | --- |
| Press Production and Operation | 106881, 2 |

Learning Outcome
Students will be able to learn the fundamentals of operating flatbed proofing presses, clamshell presses, and creating photopolymer plates.

| Title | Tags |
| --- | --- |
| Handset Type | 106882, 3 |

Learning Outcome
Students will be able to proficiently implement the historical art of setting and using cold metal type in letterpress work.

Other Prerequisites
Accepted graphic design pre-majors or instructor permission.

| Title | Tags |
| --- | --- |
| Design Across Media | 213618, 0, 2, 2023-08-29 08:37:53 |

Learning Outcome
Students will be able to apply fundamental design principles to digital media design problems

| Title | Tags |
| --- | --- |
| Plan and Execute Designs | 213619, 0, 3, 2023-08-29 08:37:54 |

Learning Outcome
Students will be able to plan digital media projects and learn to independently solve technology and production problems

## DESGD 340 - Branding 1

### Course Information

Teaching Area (new)
DESGD
Course Number
340
Teaching Area
DESGD
Course Title
Branding 1
Course Description
Studio course in which students develop strategic, integrated brand systems, including trademarks, logos, corporate identity systems and their applications to a diverse range of products and media.
Department
Design
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
6

### Lab Hours

## DESGD 341 - 3-Dimensional Design

### Course Information

Teaching Area (new)
DESGD
Course Number
341
Teaching Area
DESGD
Course Title
3-Dimensional Design
Course Description
An advanced studio course in three-dimensional design. 3-dimensional forms including packaging, environmental graphics, signage systems, and experience design. Appropriate material use and selection relative to sustainability will be emphasized. The tactile qualities of dimensional form and the development of strategic, viable design solutions will also be considered.
Department
Design
When Taught
Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
6

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DESGD 243 - Typography 1
  **AND** DESGD 245 - Design 2
  **AND** DESGD 260 - Interface & Usability

**Additional Comments:**

**Other Prerequisites**
Graphic Design BFA acceptance.

| Title | Tags |
| --- | --- |
| Brand & Corporate Identity Process | 106887, 0 |

**Learning Outcome**
Students will be able to analyze and deconstruct visual corporate identities and brands.

| Title | Tags |
| --- | --- |
| Nomenclature | 106888, 1 |

**Learning Outcome**
Students will be able to understand and use the terminology of branding and corporate identity work.

| Title | Tags |
| --- | --- |
| Strategy and Marketing | 106890, 2 |

**Learning Outcome**
Students will be able to recognize how design strategy and market research inform branding, corporate identity, and creative implementation.

| Title | Tags |
| --- | --- |
| Brand Creation | 106891, 3 |

**Learning Outcome**
Students will be able to create corporate identity systems that successfully address the concerns of the marketplace, audience, and design aesthetics.

## Lab Hours

Fixed
0

**Other Prerequisites**
BFA acceptance or instructor consent.

| Title | Tags |
| --- | --- |
| Design in Multiple Formats | 106893, 1 |

**Learning Outcome**
Students will be able to design in a variety of physical formats.

| Title | Tags |
| --- | --- |
| 3-Dimensional Design Process | 106894, 1 |

**Learning Outcome**
Students will be able to learn the 3-dimensional design process.

| Title | Tags |
| --- | --- |
| Product Marketing | 106895, 2 |

**Learning Outcome**
Students will be able to position products for the marketplace.

## DESGD 343 - Typography 2

### Course Information

**Teaching Area (new)**
DESGD

**Course Number**
343

**Teaching Area**
DESGD

**Course Title**
Typography 2

**Course Description**
An advanced studio course that continues the study of complex typographic grid systems and their application to visual problem solving. Through a rigorous exploration of written and visual content, students refine their understanding of typography as an essential element in visual communication.

**Department**
Design

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESGD 243 - Typography 1

**Additional Comments:**

**Other Prerequisites**
Graphic Design BFA majors only.

**Title**
Publication Design Fundamentals

**Tags**
106896, 0, 1, 2020-07-09 16:38:14

**Learning Outcome**
Students will be able to implement fundamental design principles such as pacing, structure, typographic solutions, editing, and photography.

## DESGD 346R - Practicum in Graphic Design

### Course Information

**Teaching Area (new)**
DESGD

**Course Number**
346R

**Teaching Area**
DESGD

**Course Title**
Practicum in Graphic Design

**Course Description**
Studio course which emphasizes individual projects and portfolio refinement, research, conceptual thinking, typographic excellence, and the effective use of design principles.

**Department**
Design

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESGD 243 - Typography 1
  **AND** DESGD 245 - Design 2
  **AND** DESGD 260 - Interface & Usability

**Additional Comments:**

**Other Prerequisites**
Design majors only.

**Title**
Personal Voice

**Tags**
106901, 1

**Learning Outcome**
Students will be able to identify and embrace their personal voice of expression.

| Title | Tags |
| --- | --- |
| Grid in Publication Design | 106897, 0, 1, 2020-07-09 16:38:14 |

**Learning Outcome**
Students will be able to understand the complexities of the grid in publication design.

| Title | Tags |
| --- | --- |
| Magazine Branding | 106898, 0, 2, 2020-07-09 16:38:14 |

**Learning Outcome**
Students will be able to create a brand for a magazine.

| Title | Tags |
| --- | --- |
| Knowledge of Design Principles | 137414, 0 |

**Learning Outcome**
Students will be able to identify and embrace their personal voice of expression.

| Title | Tags |
| --- | --- |
| Self-Promotion Materials | 137415, 2 |

**Learning Outcome**
Students will be able to develop personalized promotional materials for entrance into the marketplace.

| Title | Tags |
| --- | --- |
| Career Research | 137654, 3 |

**Learning Outcome**
Students will be able to explore career opportunities in both in-house and studio environments.

| Title | Tags |
| --- | --- |
| Knowledge of Design Principles | 208777, 0, 1 |

**Learning Outcome**
Expand and deepen their knowledge of broad design principles.

| Title | Tags |
| --- | --- |
| Personal Voice | 208778, 0, 2 |

**Learning Outcome**
Develop a personal voice of expression.

| Title | Tags |
| --- | --- |
| Self-Promo Materials | 208779, 0, 3 |

**Learning Outcome**
Prepare personalized promotional materials for entrance into the marketplace.

| Title | Tags |
| --- | --- |
| Career Research | 208780, 0, 4 |

**Learning Outcome**
Research career opportunities in both in-house and studio environments.

## DESGD 349 - History of Graphic Design

### Course Information

**Teaching Area (new)**
DESGD

**Course Number**
349

**Teaching Area**
DESGD

**Course Title**
History of Graphic Design

**Course Description**
Survey of graphic design historical periods from pre-history to present day.

**Department**
Design

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Design majors or instructor's permission only.

**Note**
Available to majors only until August 1. The course will be open to minors on August 2.

**Title**
Incorporate Historical Design Knowledge

**Tags**
137417, 0

**Learning Outcome**
Students will be able to skillfully incorporate historical design cues into modern design problems and avoid repeating mistakes and ineffective ideas from the past.

**Title**
Visual Communication Solutions Throughout History

**Tags**
137419, 0

## DESGD 362 - Interactive Typographic Systems

### Course Information

**Teaching Area (new)**
DESGD

**Course Number**
362

**Teaching Area**
DESGD

**Course Title**
Interactive Typographic Systems

**Course Description**
Introduces foundational interaction design principles and tools to prototype user-centered interfaces. Through team-based course work students gain user interface experience and work-flow best practices.

**Department**
Design

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESGD 260 - Interface & Usability

**Complete ALL of the following Courses:**
- DESGD 243 - Typography 1

**Additional Comments:**

**Other Prerequisites**
Graphic Design BFA, Product & User Experience Design BFA majors, and design majors, or instructor permission.

**Learning Outcome**
Students will be able to create responsive grids and complex

Learning Outcome
Students will be able to demonstrate an understanding of how designers from different historical eras resolved visual communication problems, including by communicating efficiently, working with clients, resolving the tension between innovation and the status quo, balancing commercial requirements with personal expression, and achieving economic viability while contributing something valuable to the world.

Title
Historical Contributions to Design

Tags
137420, 0

Learning Outcome
Students will be able to recognize the contributions and motivations of leaders in the field of graphic design and use that knowledge to become better citizens and contributors of the graphic design profession.

Title
Design Writing & Thinking

Tags
137421, 0

Learning Outcome
Students will be able to effectively write about graphic design, thinking, and communicating in a way that allows readers who are not designers to understand important concepts related to design.

Title
Responsive Grids & Typography

Learning Outcome
Students will be able to create responsive grids and complex typographic systems for multi-screen or multi-page content that adapt to variety of formats, de-vices, and screen sizes.

Title
Design Systems

Learning Outcome
Students will be able to create a cohesive and reusable system of components, colors, typography, and icons.

Title
Digital and Online Typography

Learning Outcome
Students will be able demonstrate understanding of digital and online typographic rules, defaults, customs, and technical requirements to create elegant, legi-ble, and functional typographic systems (including but not limited to understanding HTML and CSS as a building block for modern apps and websites).

Title
Documentation

Learning Outcome
Students will be able to create detailed documentation of their design process and final design outcome, with clear written explanations of interface content and functionality.

Title
Faith, Form, and Format

Learning Outcome
Students will be able to identify and critically discuss how different forms and formats of media, especially typographic ones affect understanding and demand attention in all contexts, especially that of faith and devotion.

## DESGD 380 - Motion Design

### Course Information

Teaching Area (new)
DESGD

Course Number
380

Teaching Area
DESGD

Course Title
Motion Design

Course Description
Studio course instructing students in the art of design and communication with motion and sound. Design principles, editing, and narrative concepts are employed to create short motion design projects

## DESGD 394R - Special Topics

### Course Information

Teaching Area (new)
DESGD

Course Number
394R

Teaching Area
DESGD

Course Title
Special Topics

Course Description
Advanced studio course offering an in-depth study of a specialized design topic. Explores either a conceptual, practical, or technical requirement within the current discipline, or focuses on a particular

narrative concepts are employed to create short motion design projects.

**Department**
Design
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESGD 260 - Interface & Usability

**Additional Comments:**

**Other Prerequisites**
Graphic Design BFA majors or instructor permission only.

**Tags**
213624, 0, 1, 2023-08-29 08:38:16

**Learning Outcome**
Students will learn how to create a story and mood with movement and animation, and how to use editing to control the story.

**Tags**
213625, 0, 2, 2023-08-29 08:38:17

**Learning Outcome**
Students will learn how to design with time, 3D space, and sound.

**Tags**
213626, 0, 3, 2023-08-29 08:38:18

**Learning Outcome**
Students apply graphic design principles and narrative techniques to motion graphics projects, using After Effects and other methods.

**Learning Outcome**
Students will acquire the

requirement within the current discipline, or focuses on a particular project.

**Department**
Design
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Design majors, Advertising Design minors or instructor permission only.
**Note**
Fee may apply.

**Title**
Course outcomes

**Tags**
208776, 0, 1

**Learning Outcome**
Course outcomes are specific to each course section and are developed by the instructor and students.

Tags
213627, 0, 4, 2023-08-29 08:38:19

necessary design and production skills to produce a compelling 30-second motion graphic piece.

Tags
213628, 0, 5, 2023-08-29 08:38:21

Learning Outcome
Students will develop essential written and oral communication skills to explain and defend your work.

## DESGD 411R - Graphic Design Field Study

### Course Information

**Teaching Area (new)**
DESGD

**Course Number**
411R

**Teaching Area**
DESGD

**Course Title**
Graphic Design Field Study

**Course Description**
On-location study of graphic design.

**Department**
Design

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

**Title**
Directed Studies in Graphic Design

**Tags**
137469, 1

**Learning Outcome**
Students will be able to participate in a mentored, off-campus learning environment during the completion of a field study project.

## DESGD 440 - Branding 2

### Course Information

**Teaching Area (new)**
DESGD

**Course Number**
440

**Teaching Area**
DESGD

**Course Title**
Branding 2

**Course Description**
Advanced studio course that provides an in-depth study of branding, culminating in the creation of integrated branding systems, brand audits and brand guidelines.

**Department**
Design

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DESGD 340 - Branding 1

**Additional Comments:**

**Other Prerequisites**
Graphic Design BFA majors or instructor consent only.

| Title | Tags |
|---|---|
| Major Branding Project | 207332, 0, 1 |

**Learning Outcome**
Students will be able to create a major branding project including a style guide/brand bible

| Title | Tags |
|---|---|
| Minor Branding Project | 137464, 0, 1 |

**Learning Outcome**
Students will be able to create a minor branding project for an existing company.

| Title | Tags |
|---|---|
| Refining Magazine Project | 137466, 0, 2 |

**Learning Outcome**
Students will be able to refine their magazine projects.

## DESGD 441R - Design Lab

### Course Information

**Teaching Area (new)**
DESGD
**Course Number**
441R
**Teaching Area**
DESGD
**Course Title**
Design Lab
**Course Description**
Students work in a collaborative, project-based learning environment.
**Department**
Design
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
6

## DESGD 442 - Portfolio

### Course Information

**Teaching Area (new)**
DESGD
**Course Number**
442
**Teaching Area**
DESGD
**Course Title**
Portfolio
**Course Description**
Individualized portfolio development to prepare student for entrance into professional practice or graduate school.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

Fixed
0

Other Prerequisites
Graphic Design BFA majors or instructor consent only.
Note
Fee.

| Title | Tags |
| --- | --- |
| Design Process | 137426, 2 |

Learning Outcome
Students will be able to complete a design project from the ideation phase through final implementation.

| Title | Tags |
| --- | --- |
| Design Presentation | 137427, 3 |

Learning Outcome
Students will be able to prepare and present a comprehensive design presentation to an interested client or community.

| Title | Tags |
| --- | --- |
| Project Management | 137428, 4 |

Learning Outcome
Students will be able to successfully manage a large design project.

| Title | Tags |
| --- | --- |
| Design Research, Strategy, and Implementation | 137429, 5 |

Learning Outcome
Students will be able to synthesize design research, strategy, and creative implementation.

| Title | Tags |
| --- | --- |
| Design Impact | 137430, 6 |

Learning Outcome
Students will be able to understand the social and systemic impact of their projects and commit to working in sustainable ways.

| Title | Tags |
| --- | --- |
| Collaboration | 207331, 0, 1 |

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DESGD 362 - Interactive Typographic Systems **AND** DESGD 440 - Branding 2

**Additional Comments:**

Other Prerequisites
Graphic design BFA majors only.

| Title | Tags |
| --- | --- |
| Develop Self-Promotional Materials | 54483, 0, 3 |

Learning Outcome
Students will be able to develop self-promotional and marketing pieces for gaining employment.

| Title | Tags |
| --- | --- |
| Portfolio Communication & Presentation | 212874, 0, 5 |

Learning Outcome
Students will be able to communicate effectively about their portfolio work orally and in writing.

| Title | Tags |
| --- | --- |
| Effective Critique | 212875, 0, 6 |

Learning Outcome
Students will demonstrate effective critiques of the visual and conceptual merits of their own and others' capstone projects and portfolios.

| Title | Tags |
| --- | --- |
| Post-graduation strategy | 212877, 0, 7 |

Learning Outcome
Students will be able to research and articulate post-graduation strategy effectively, demonstrating a clear understanding of the graphic design industry and academy

Learning Outcome
Students will be able to collaborate as a member of a large, interdisciplinary design team.

across the region and nation.

Title
Create Comprehensive & Targeted Portfolios

Tags
137435, 0, 1

Learning Outcome
Students will assemble a comprehensive portfolio demonstrating design solutions created during their BFA major experience. Work should demonstrate mastery of program-level Graphic Design BFA learning outcomes. Students will also compile a targeted professional portfolio that aligns with their post-graduation strategic goals.

Title
Plan & Complete Work Necessary for Final Portfolios

Tags
212876, 0, 2

Learning Outcome
Students will plan and complete the work necessary to assemble their comprehensive and targeted portfolios. Students will create individualized work plans to meet their post-graduation strategic goals by carefully assessing their overall portfolio needs, strengths, and weaknesses. This plan will include the work outlined in the other learning outcomes.

## DESGD 460 - Interaction Design 2

### Course Information

Teaching Area (new)
DESGD

Course Number
460

Teaching Area
DESGD

Course Title
Interaction Design 2

Course Description
Explores how interaction design integrates both client/user needs to prototype holistic and appropriate experiences. Through team-based course work students gain an understanding of user experience design and workflow.

Department
Design

When Taught
Winter

## DESGD 488 - Studio Practices for Designers

### Course Information

Teaching Area (new)
DESGD

Course Number
488

Teaching Area
DESGD

Course Title
Studio Practices for Designers

Course Description
Explore studio methods and practices common to the design profession.

Department
Design

When Taught
Winter

### Credit Hours

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DESGD 362 - Interactive Typographic Systems

**Additional Comments:**

Other Prerequisites
Graphic Design BFA majors, or instructor consent only.

| Title | Tags |
|---|---|
| User-centered Design Methods | 187238, 1 |

Learning Outcome
Students will be able to use design research methods to promote user empathy and to focus design efforts on user needs.

| Title | Tags |
|---|---|
| Prototype Interface Interactions and Animations | 187239, 2 |

Learning Outcome
Students will be able to use prototyping tools to clarify interactions and animations that enhance the user experience.

| Title | Tags |
|---|---|
| Optimize an Interface with User Testing | 187240, 3 |

Learning Outcome
Students will be able to conduct usability tests to inform interface design decisions.

Min
2

Fixed
2

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Other Prerequisites
Graphic Design BFA majors only.

| Title | Tags |
|---|---|
| Design Marketing | 137446, 1 |

Learning Outcome
Students will be able to understand the process of selling design, self-promotion, and the importance of building a network.

| Title | Tags |
|---|---|
| Professional Practices | 137447, 1 |

Learning Outcome
Students will be able to recognize that a successful, sustained career requires both the understanding and practice of sound professional practices.

| Title | Tags |
|---|---|
| Project Estimating | 137448, 2 |

Learning Outcome
Students will be able to implement the process of creating accurate estimates for design project costs.

| Title | Tags |
|---|---|
| Starting a Design Business | 137449, 3 |

Learning Outcome
Students will be aware of the legal and financial aspects of starting a design studio including business structures, licensing, tax implications, and legal liabilities.

design decisions.

| Title | Tags |
| --- | --- |
| Design Presentation | 187317, 4 |

**Learning Outcome**
Students will be able to craft presentations of their work with compelling storytelling, clear visual organization, and persuasive language.

| Title | Tags |
| --- | --- |
| Freelance Design | 137450, 4 |

**Learning Outcome**
Students will be able to understand the requirements of working as a freelance designer and will be prepared to effectively work in the current environment.

| Title | Tags |
| --- | --- |
| Career Opportunities | 137451, 5 |

**Learning Outcome**
Students will be able to compete in the design industry with appropriate job hunting, interviewing, and networking skills and be able to explore possible design career paths.

| Title | Tags |
| --- | --- |
| Design Proposal & Contracts | 137452, 6 |

**Learning Outcome**
Students will be able to create working proposals and contracts for the design marketplace.

| Title | Tags |
| --- | --- |
| Intellectual Property | 137453, 7 |

**Learning Outcome**
Students will be able to discern intellectual property laws that relate to design work and understand the implications of infringement, plagiarism, copyright, trademark, licensing, and the negotiation of reproduction rights.

| Title | Tags |
| --- | --- |
| Design Ethics | 137454, 8 |

**Learning Outcome**
Students will be able to identify the ethical issues facing designers and understand current professional models.

| Title | Tags |
| --- | --- |
| Design Finances | 137455, 9 |

**Learning Outcome**
Students will be able to

understand the importance of adequate financial oversight in the design process and the fundamentals of bookkeeping, expense tracking, accounts receivables, and tax preparation.

## DESGD 489 - BFA Capstone Project: Discovery

### Course Information

**Course Number**
489
**Teaching Area**
DESGD
**Course Title**
BFA Capstone Project: Discovery
**Course Description**
Students explore ideas towards completing an intensive project on a topic of their choosing which includes developing personal research and design methods, a project implementation, and a public exhibition.
**Department**
Design
**When Taught**
Winter

#### Credit Hours

**Fixed**
0.5

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESGD 340 - Branding 1
  **AND** DESGD 343 - Typography 2

**Additional Comments:**

**Other Prerequisites**
Graphic Design BFA majors only

| Title | Tags |
| --- | --- |
| Design Thinking | 213629, 0, 1, 2023-08-29 08:38:34 |

**Learning Outcome**
Students will learn to employ various modes of forming, reforming, constructing, and deconstructing concepts and will apply methods of design thinking to their research and final project.

| Title | Tags |
| --- | --- |

## DESGD 490 - BFA Capstone Project: Research

### Course Information

**Teaching Area (new)**
DESGD
**Course Number**
490
**Teaching Area**
DESGD
**Course Title**
BFA Capstone Project: Research
**Course Description**
Students will develop personal research and design methods to aid in the completion of a capstone project of their choosing.
**Department**
Design
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DES 390 - Design Theory and Visual Culture
  **AND** DESGD 349 - History of Graphic Design

**Additional Comments:**

**Other Prerequisites**
BFA acceptance.

| Title | Tags |
| --- | --- |
| Research | 213630, 0, 2, 2023-08-29 08:38:36 |

Learning Outcome
Students will demonstrate careful research, manifesting skill in identifing key scholarship and ideas.

| Title | Tags |
| --- | --- |
| Idea Generation | 213631, 0, 3, 2023-08-29 08:38:37 |

Learning Outcome
Students will demonstrate various modes of generating ideas for their capstone project

| Title | Tags |
| --- | --- |
| Writing Analysis | 209131, 0, 4 |

Learning Outcome
Students will demonstrate effective written analysis of their research, showing an ability to evaluate, compare, and interpret ideas.

| Title | Tags |
| --- | --- |
| Writing Standards | 209132, 0, 5 |

Learning Outcome
Students will demonstrate appropriate rhetorical, logical, and typographic academic standards in communicating their ideas in writing.

| Title | Tags |
| --- | --- |
| Visual Iterations | 209133, 0, 6 |

Learning Outcome
Students will design iterations of new visual concepts demonstrating analysis of their research.

| Title | Tags |
| --- | --- |
| Presentation | 209134, 0, 7 |

Learning Outcome
Students will be able to defend their research and design thinking in presentation form using compelling storytelling, clear visual organization, and persuasive language.

| Title | Tags |
| --- | --- |
| Research Methods | 208781, 0, 1 |

Learning Outcome
Students will demonstrate careful research, manifesting skill in identifing key scholarship and ideas related to a chosen topic.

| Title | Tags |
| --- | --- |
| Design Thinking | 187318, 0, 3 |

Learning Outcome
Students will demonstrate and document effective application methods of design thinking to their research and final project

through various modes of forming, reforming, constructing, and deconstructing concepts.

| Title | Tags |
| --- | --- |
| Design Implementation | 209135, 0, 8 |

**Learning Outcome**
Students will visualize possible major visual projects that demonstrate synthesis and mastery of their research and establish a rhetorically compelling relationship between the content and format of their design.

## DESGD 491R - Collaborative Design: Brand & Strategy

### Course Information

**Course Number**
491R
**Teaching Area**
DESGD
**Course Title**
Collaborative Design: Brand & Strategy
**Course Description**
Well-designed interactive products become most successful when they account for the complete context of their creation: from business strategy and brand narrative to well-crafted interfaces and targeted end goals. Consequently, the best products require collaboration between various domains working toward a common goal. Every student in this class will gain rich experience in developing a brand and strategy for a real-world product or business creation.
**Department**
Design
**When Taught**
Fall

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
6

| Other Prerequisites | Recommended |
| --- | --- |
| Admission to BFA or instructor approval | Students will be collaborating with teams from various majors. Students may consider taking DESGD |

## DESGD 497 - BFA Capstone Project: Implementation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESGD | 497 |

**Teaching Area**
DESGD
**Course Title**
BFA Capstone Project: Implementation
**Course Description**
Students complete an intensive project on a topic of their choosing which includes developing personal research and design methods, a project implementation, and a public exhibition.
**Department**
Design
**When Taught**
All Semesters/Terms

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**

| Title | Tags |
| --- | --- |
| Teamwork | 213632, 0, 1, 2023-08-29 08:38:39 |

**Learning Outcome**
Students will effectively leverage cross-discipline team product work.

| Title | Tags |
| --- | --- |
| Strategic design choice | 213633, 0, 2, 2023-08-29 08:38:41 |

**Learning Outcome**
Students will demonstrate an ability to create work that achieves strategic needs and works within functional coded product or real business.

| Title | Tags |
| --- | --- |
| Brand strategy & storytelling | 213634, 0, 3, 2023-08-29 08:38:42 |

**Learning Outcome**
Students will develop, articulate, and pitch product strategy and brand storytelling as key elements of design decisions.

| Title | Tags |
| --- | --- |
| Brand identity & design systems | 213635, 0, 4, 2023-08-29 08:38:43 |

**Learning Outcome**
Students will be able to develop strategic brand identities with coordinated design systems.

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DESGD 490 - BFA Capstone Project: Research

**Additional Comments:**

**Other Prerequisites**
BFA advisor's consent

| Title | Tags |
| --- | --- |
| Exhibition | 210888, 0, 2 |

**Learning Outcome**
Students will plan and exhibit their capstone project in public in a gallery or via an online platform.

| Title | Tags |
| --- | --- |
| Documentation | 210889, 0, 3 |

**Learning Outcome**
Students will effectively and artfully document their exhibition, design process, written thesis, and research.

| Title | Tags |
| --- | --- |
| Project | 210887, 0, 1 |

**Learning Outcome**
Students will design a major visual project that demonstrate synthesis and mastery of their research and establish a rhetorically compelling relationship between the content and format of their design.

## DESGD 498R - Directed Studies in Graphic Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESGD | 498R |

**Teaching Area**
DESGD
**Course Title**
Directed Studies in Graphic Design
**Course Description**
Credit for work experience in graphic design.
**Department**
Design
**When Taught**
Contact Department

## DESIL 101 - Drawing and Composition

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESIL | 101 |

**Teaching Area**
DESIL
**Course Title**
Drawing and Composition
**Course Description**
Drawing methods and practices combined with compositional foundations for visual communicators. Students will develop observation and conceptual drawing skills. Students will also develop visual problem solving, analytical thinking, and craftsmanship by applying design principles to compositional problems. Skills are developed through intensive practice, lecture, demonstration, and critique.
**Department**

### Credit Hours

**Min**
1

**Fixed**
6

**Other Prerequisites**
BFA advisor's consent.

| Title | Tags |
| --- | --- |
| Mentor-Assisted Project | 137470, 1 |

**Learning Outcome**
Students will be able to meet regularly with a professor or mentor throughout the course of the semester to complete a project of their own choosing.

**Department**
Design
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Pre-illustration and design majors or instructor consent only.

**Note**
Fee.

| Title | Tags |
| --- | --- |
| Drawing as Visual Language | 187304, 1 |

**Learning Outcome**
Students will be able to understand the elements and principles of design as applied to drawing practice and understand the concepts and terminology necessary to discuss visual ideas in meaningful ways. Students will also be able to analyze representational modes of visual communication.

| Title | Tags |
| --- | --- |
| Linear and Tonal Drawing Concepts | 187305, 2 |

**Learning Outcome**
Students will be able to work from life in creating drawings that demonstrate a conceptual understanding of and practical proficiency in linear and tonal drawing methods. These include gesture, contour, sighting, and perspective construction, as well as an understanding of light to describe three-dimensional forms, surface materials, textures, and atmospheric effects.

| Title | Tags |
| --- | --- |
| Design Theory and Practice | 187306, 3 |

**Learning Outcome**
Students will be able to demonstrate fluency in two-dimensional design theory by working through the ideation and iterative process. Fundamental design principles will be applied in compositional exercises ("thumbnails") focusing on unity, variety, balance, emphasis, rhythm etc.

| Title | Tags |
| --- | --- |
| Design Aesthetics and Presentation | 187307, 4 |

**Learning Outcome**
Students will be able to exhibit enhanced visual perception, aesthetic sensitivity, good organization, craftsmanship, presentation and taste in design exercises, projects, and assignments.

## DESIL 130 - Illustration Fundamentals

### Course Information

**Teaching Area (new)**
DESIL
**Course Number**
130
**Teaching Area**
DESIL
**Course Title**
Illustration Fundamentals
**Course Description**
Illustrative concepts and problem solving with an overview of styles, techniques, methods, and materials.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## DESIL 140 - Introduction to Digital Illustration

### Course Information

**Teaching Area (new)**
DESIL
**Course Number**
140
**Teaching Area**
DESIL
**Course Title**
Introduction to Digital Illustration
**Course Description**
Introduction to basic digital illustration and tools.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DESIL 101 - Drawing and Composition

**Additional Comments:**

Other Prerequisites
Illustration pre-BFA status or Design majors only.

Fixed
4

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DESIL 101 - Drawing and Composition

**Additional Comments:**

Other Prerequisites
Illustration pre-BFA status or Design majors only.

| Title | Tags |
| --- | --- |
| Research Paper and Presentation | 54426, 7 |

Learning Outcome
Students become familiar with other digital illustration professionals and how the digital medium is used in their work through a student research paper project and class presentation,

| Title | Tags |
| --- | --- |
| Digital Media Workflow | 137476, 1 |

Learning Outcome
Students will be able to implement digital painting methods and techniques using professional 2D graphics software to create studies and original illustrations.

| Title | Tags |
| --- | --- |
| Visual Production and Critique | 137477, 2 |

Learning Outcome
Students will be able to produce creative visual solutions with ingenuity and imagination as well as develop a greater capacity for critiquing others' work and their own.

| Title | Tags |
| --- | --- |
| Ethics of Digital Imagery | 137478, 2 |

Learning Outcome
Students will be able to discuss

and analyze the legal, ethical, and spiritual aspects of illustration in digital media and culture.

| Title | Tags |
| --- | --- |
| Professional Design Processes | 137479, 6 |

**Learning Outcome**
Students will be able to apply professional processes to the design and rendering of digital images.

## DESIL 230 - Painting Fundamentals

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESIL | 230 |

**Teaching Area**
DESIL
**Course Title**
Painting Fundamentals
**Course Description**
Narrative illustration problems emphasizing academic study of the human figure using various media.
**Department**
Design
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## DESIL 240 - Intermediate Digital Illustration

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESIL | 240 |

**Teaching Area**
DESIL
**Course Title**
Intermediate Digital Illustration
**Course Description**
Intermediate problems in digital media.
**Department**
Design
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

Complete ALL of the following Courses:

- DESIL 130 - Illustration Fundamentals

Additional Comments:

Other Prerequisites
Illustration BFA majors only.
Note
Fee.

- DESIL 140 - Introduction to Digital Illustration

Additional Comments:

Other Prerequisites
Illustration BFA majors only.

| Title | Tags |
| --- | --- |
| Illustration Process | 137487, 1 |

Learning Outcome
Students will be able to utilize effective processes for developing studies and digital illustrations and demonstrate creative solutions for visual problems.

| Title | Tags |
| --- | --- |
| Digital Media Workflow | 137488, 1 |

Learning Outcome
Students will be able to create original illustrations using digital painting methods and techniques of professional 2D graphics software.

| Title | Tags |
| --- | --- |
| Design Theory and Practice | 137489, 2 |

Learning Outcome
Students will be able to synthesize and apply design principles including drawing, value, composition, color, and texture, and perspective.

| Title | Tags |
| --- | --- |
| Professional Application | 137490, 3 |

Learning Outcome
Students will have a greater understanding of professional practices, market applications, and careers in digital illustration.

| Title | Tags |
| --- | --- |
| Ethics of Digital Imagery | 137491, 4 |

Learning Outcome
Students will be able to discuss and analyze the legal, ethical, and spiritual aspects of illustration in digital media and culture.

## DESIL 250 - Intermediate Life Drawing

### Course Information

**Teaching Area (new)**
DESIL

**Course Number**
250

**Teaching Area**
DESIL

**Course Title**
Intermediate Life Drawing

**Course Description**
Drawing the classic figure from gesture to finished rendering, emphasizing structure, anatomy, form, and medium.

**Department**
Design

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DES 150 - Introduction to Life Drawing

**Additional Comments:**

**Other Prerequisites**
Illustration BFA majors only.

**Title**
Skeletal and Muscular Landmarks

**Tags**
137480, 0

**Learning Outcome**
Students will be able to draw the skeletal structure and identify major muscle landmarks from reference and memory as well as have a deeper understanding of anatomy.

## DESIL 263 - Narrative Illustration

### Course Information

**Teaching Area (new)**
DESIL

**Course Number**
263

**Teaching Area**
DESIL

**Course Title**
Narrative Illustration

**Course Description**
Narrative problem solving through the use of character, mood, and environment to tell a story or develop a conceptual idea. Study of media, aesthetic principles, and classic story models.

**Department**
Design

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 130 - Illustration Fundamentals
  **AND** DESIL 140 - Introduction to Digital Illustration

**Additional Comments:**

**Other Prerequisites**
Illustration BFA acceptance only.

**Learning Outcome**
Students will be able to create marketable illustrations in concept, rough sketches, color comps, and finished art with an emphasis on effectively communicating story concept.

**Tags**
213636, 0, 1, 2023-08-29 08:38:55

anatomy.

| Title | Tags |
| --- | --- |
| Tools and Procedures | 137481, 0 |

Learning Outcome
Students will be able to implement knowledge of tools and procedures used in successful life drawing, including proportion, gesture, balance, foreshortened perspective, composition, drapery, and a high degree of 3-dimensional structure through light and shadow (folds).

| Title | Tags |
| --- | --- |
| Media Specialization | 137482, 1 |

Learning Outcome
Students will be able to proficiently implement into their drawings at least one of the illustration mediums emphasized (nupastel, charcoal, conte crayon, graphite).

Learning Outcome
Students will be able to demonstrate proficiency in at least one of the illustration mediums studied, including lino-cut, paper sculpture, dimensional maquettes, acrylics, gouache, or digital illustration.

Tags
213637, 0, 2, 2023-08-29 08:38:56

Learning Outcome
Students will be able to analyze and develop visual images based on narrative (literal) and limited conceptual (symbolic) illustration solutions.

Tags
213638, 0, 3, 2023-08-29 08:38:58

Learning Outcome
Students will be able to incorporate a deep theoretical and practical understanding of design into their work.

Tags
213639, 0, 4, 2023-08-29 08:38:59

## DESIL 330 - Conceptual Illustration

### Course Information

**Teaching Area (new)**
DESIL
**Course Number**
330
**Teaching Area**
DESIL
**Course Title**
Conceptual Illustration
**Course Description**
Conceptual illustration problems and market applications, using various media.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 230 - Painting Fundamentals

**Additional Comments:**

**Other Prerequisites**
Illustration BFA majors only.

## DESIL 340 - Three-Dimensional Digital Illustration

### Course Information

**Teaching Area (new)**
DESIL
**Course Number**
340
**Teaching Area**
DESIL
**Course Title**
Three-Dimensional Digital Illustration
**Course Description**
Advanced problems in digital media and markets.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 240 - Intermediate Digital Illustration

**Additional Comments:**

**Other Prerequisites**
Illustration or Animation BFA majors only.

## DESIL 350 - Advanced Life Drawing

### Course Information

**Teaching Area (new)**
DESIL
**Course Number**
350
**Teaching Area**
DESIL

## DESIL 352 - Environment Design

### Course Information

**Teaching Area (new)**
DESIL
**Course Number**
352
**Teaching Area**
DESIL

**Course Title**
Advanced Life Drawing
**Course Description**
Drawing the draped human figure in modern or historical costume.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 250 - Intermediate Life Drawing

**Additional Comments:**

**Other Prerequisites**
Illustration or Animation BFA majors only.

**Course Title**
Environment Design
**Course Description**
Extensive study of painting various environments on location, applying advanced concepts in color theory and composition. Projects include color studies in both traditional and digital media, perspective drawing, and imaginative environment illustrations, combining observation of nature with visual reference and research.
**Department**
Design
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 130 - Illustration Fundamentals

**Additional Comments:**

**Other Prerequisites**
Illustration or animation BFA majors only.
**Fee**
23

**Tags**
213640, 0, 1, 2023-08-29 08:39:00

**Learning Outcome**
Students will be able to proficiently apply outdoor painting concepts, methods, and techniques involving oils and/or watercolors such as principles of natural light and the theory of varied environmental conditions. Students will also be able to apply their knowledge of the history and contemporary practice of plein-air painting.

| | |
|---|---|
| | **Learning Outcome**<br>Students will be able to paint successfully observed studies of the natural landscape en plein air and utilize the practice in the creative process to develop studio illustrations. Students will also be able to gather, interpret, and utilize supplemental photographic landscape reference. |
| **Tags**<br>213641, 0, 2, 2023-08-29 08:39:02 | |

| | |
|---|---|
| | **Learning Outcome**<br>Students will be able to apply principles of design, composition, light and shadow, linear and atmospheric perspectives, and color theory to outdoor studies and studio illustrations. Students will be able to use color as a narrative and thematic tool and apply it consistently throughout a series of sequential pieces. |
| **Tags**<br>213642, 0, 3, 2023-08-29 08:39:04 | |

| | |
|---|---|
| | **Learning Outcome**<br>Students will be able to appreciate the order and beauty of the natural environment, the aesthetics of light and color, and the environment as an artistic subject to communicate uplifting narratives, themes, and concepts. |
| **Tags**<br>213643, 0, 4, 2023-08-29 08:39:06 | |

## DESIL 354 - Survey of Illustration History

### Course Information

**Teaching Area (new)**
DESIL

**Course Number**
354

**Teaching Area**
DESIL

**Course Title**
Survey of Illustration History

**Course Description**
Survey of the international history of illustration highlighting the evolution of techniques and artistic movements that shape contemporary image-making.

**Department**
Design

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**

## DESIL 357 - Sketchbook

### Course Information

**Teaching Area (new)**
DESIL

**Course Number**
357

**Teaching Area**
DESIL

**Course Title**
Sketchbook

**Course Description**
Using a sketchbook in the visual thinking process to explore ideas, record visual experience, and develop fundamental drawing skills.

**Department**
Design

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Illustration BFA or design majors only.

| Title | Tags |
| --- | --- |
| Overall Course Outcome | 212805, 0, 1 |

Learning Outcome
Students will gain a broad understanding of the evolution of illustration, or narrative image making, throughout recorded history, including its purposeful creation, methods of creation and reproduction, and its cultural impacts.
Through additional research and writing, students will add to the course materials to contribute new insight and thought in the analysis of narrative image making.

| Title | Tags |
| --- | --- |
| History of Illustration | 212806, 0, 2, 2023-01-27 10:47:00 |

Learning Outcome
Students will gain an understanding of illustration's evolution and influence within an international historical context, including techniques and movements that have shaped contemporary image making and industry practices.

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Other Prerequisites
Illustration or animation BFA majors only.

| Title | Tags |
| --- | --- |
| Drawing Skills | 137533, 1 |

Learning Outcome
Students will be able to sketch from life at different locations.

| Title | Tags |
| --- | --- |
| Sketchbooks | 137534, 2 |

Learning Outcome
Students will be able to use a sketchbook to improve their work through ideation and creative process, and strengthen these skills through study of other artist's use of sketchbooks.

| Title | Tags |
| --- | --- |
| Sketchbook Use in Portfolios | 137535, 3 |

Learning Outcome
Students will be able to understand how sketches have been used historically and how sketchbooks factor in as major components of portfolios and jobs.

## DESIL 358 - Character Design for Illustrators

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESIL | 358 |

Teaching Area
DESIL
Course Title
Character Design for Illustrators

## DESIL 394R - Special Topics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESIL | 394R |

Teaching Area
DESIL
Course Title
Special Topics
Course Description

Character Design for Illustrators

**Course Description**
This course focuses on concepts and projects dealing with the creation of characters, both realistic and imaginary. Using both traditional and digital techniques, students will apply appropriate artistic direction as practiced throughout the field of illustration.
**Department**
Design
**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 130 - Illustration Fundamentals

Prerequisites

**Complete ALL of the following Courses:**
- DESAN 265 - Visual Development

**Additional Comments:**

**Other Prerequisites**
Illustration or Animation BFA majors.

| Title | Tags |
| --- | --- |
| Visual Narrative Communication | 137536, 0, 1 |

**Learning Outcome**
Students will create characters and accoutrements that demonstrate a strong understanding of visual design, the influence of the story world or setting, and the relationship between form and function.
Students will have the ability to

Advanced studio course offering an in-depth study of a specialized topic in illustration. Focuses on a selected collaborative project or a conceptual, practical or technical issue relevant to current concerns in the discipline.
**Department**
Design
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Illustration BFA or design major acceptance, or instructor consent.
**Fee**
150
**Note**
Fee.

Students will have the ability to visually communicate not just physical attributes but also cultural histories, personalities, attitudes, and motivations of characters.

**Title**
Ideation, Research, and Reference

**Tags**
137537, 0, 2

**Learning Outcome**
Students will apply their design process using sound practices of visual ideation, research, observation, and reference-gathering to design believable characters by combining reference with imagination. Students will cultivate a working knowledge of applicable history, including fashion design, architecture, and culture.

**Title**
Design Theory and Process

**Tags**
137538, 0, 3

**Learning Outcome**
Students will be able to distinguish between the design processes of concept art and production illustration. They will apply design principles such as shape, silhouette, gestalt, composition, color, pattern and texture to finish their illustrations at a professional level.

**Title**
Art Direction and Stylistic Coherence

**Tags**
187241, 0, 1

**Learning Outcome**
Students will understand and apply art direction in developing a coherent, appealing visual style for characters in a narrative environment. This will include direction and insight from clients, editors, and their peers.

**Title**
Individual Vision and Professional Presentation

**Tags**
187242, 0, 2

**Learning Outcome**
Students will develop an individual vision and style for a fictional story world as well as

prepare and deliver a presentation for that world with its cast of characters and creatures. Students will learn to discuss and analyze peers' concepts to explore various approaches and improve methods.

## DESIL 450 - Painting the Human Head

### Course Information

**Teaching Area (new)**
DESIL

**Course Number**
450

**Teaching Area**
DESIL

**Course Title**
Painting the Human Head

**Course Description**
Studio course emphasizing figurative painting from live models, with an emphasis on unique aspects of portraiture and coloring of the human face.

**Department**
Design

**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 350 - Advanced Life Drawing

**Additional Comments:**

**Other Prerequisites**

## DESIL 451 - Senior Illustration Studio

### Course Information

**Teaching Area (new)**
DESIL

**Course Number**
451

**Teaching Area**
DESIL

**Course Title**
Senior Illustration Studio

**Course Description**
Senior Illustration BFA students develop a cohesive portfolio of original work, as evidence of conceptual and theoretical understanding, substantial technical ability, creative range and individual expressive quality.

**Department**
Design

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 354 - Survey of Illustration History

**Additional Comments:**

Illustration BFA majors only.

**Other Prerequisites**
Illustration BFA majors only.

**Learning Outcome**
Students will be able to create marketable illustrations as well as execute a variety of concepts through rough sketches, tonal studies, color comps, and finished art. Student will have the ability to effectively communicate symbolic or story concept.
**Tags**
213644, 0, 1, 2023-08-29 08:39:14

**Learning Outcome**
Students will be able to demonstrate proficiency in at least one of the illustration mediums studied, including oil, acrylics, gouache, mixed media, or digital.
**Tags**
213645, 0, 2, 2023-08-29 08:39:15

**Learning Outcome**
Students will be able to apply a deep theoretical and practical understanding of design.
**Tags**
213646, 0, 3, 2023-08-29 08:39:17

**Learning Outcome**
Students will be able to analyze and develop visual images based on conceptual (symbolic) illustration solutions.
**Tags**
213647, 0, 4, 2023-08-29 08:39:18

**Learning Outcome**
Students will be able to analyze and develop visual images based on narrative (literal) illustration solutions.
**Tags**
213648, 0, 5, 2023-08-29 08:39:20

## DESIL 457R - Concept Design

### Course Information

**Teaching Area (new)**
DESIL
**Course Number**
457R
**Teaching Area**
DESIL
**Course Title**
Concept Design
**Course Description**
Illustration methods and processes applied to visual problems in collaborative, creative development for interactive entertainment production. Faculty-led teams research, visualize and render original compositions to convey narratives through character and world design.
**Department**
Design

## DESIL 488 - Professional Practices for Illustrators

### Course Information

**Teaching Area (new)**
DESIL
**Course Number**
488
**Teaching Area**
DESIL
**Course Title**
Professional Practices for Illustrators
**Course Description**
Business aspects of the illustration profession.
**Department**
Design
**When Taught**

**When Taught**
Fall Term 1; Winter Term 1.

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 240 - Intermediate Digital Illustration

**Additional Comments:**

**Other Prerequisites**
Illustration or Animation majors only.

Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- DES 111R - Design Lecture Series

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 201 - World Civilization to 1500

Prerequisites

**Complete ALL of the following Courses:**
- ARTHC 202 - World Civilization Since 1500

**Additional Comments:**

**Other Prerequisites**
Illustration BFA majors only.

**Title**
Professional Preparation

**Tags**
137574, 1

**Learning Outcome**
Students will be able to apply leadership principles, practice business ethics, and complete creative objectives necessary to embrace the transition from academic life to that of a committed professional artist.

**Title**
Personal and Visionary Business

**Tags**

| Title | Tags |
| --- | --- |
| Strategy | 137575, 2 |

**Learning Outcome**
Students will be able to ponder, appraise, and incorporate their academic experience into a personal and visionary business strategy that reflects an understanding of diverse market trends. Students will be able to locate and network with potential clients and contacts and generate supportive associations and structures within their chosen fields of expertise.

| Title | Tags |
| --- | --- |
| Practices in the Market | 187248, 1 |

**Learning Outcome**
Students will be able to understand professional illustration practices and the current state of the market as well as how the business of illustration is operated and the current issues affecting it. Students will be able to understand and incorporate into their own practice social outreach strategies, networking practices, tax preparation, contracts and licensing, website design, marketing, and pricing of artwork.

## DESIL 490 - BFA Illustration Capstone Project: Research

### Course Information

**Teaching Area (new)**
DESIL

**Course Number**
490

**Teaching Area**
DESIL

**Course Title**
BFA Illustration Capstone Project: Research

**Course Description**
Students develop research in connection with their Illustration BFA capstone project, including both subject and market-based research on an individual project.

**Department**
Design

**When Taught**
Fall

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DES 390 - Design Theory and Visual Culture

**Additional Comments:**

**Other Prerequisites**
Illustration BFA acceptance

## DESIL 494R - Special Problems in Illustration

### Course Information

**Teaching Area (new)**
DESIL

**Course Number**
494R

**Teaching Area**
DESIL

**Course Title**
Special Problems in Illustration

**Course Description**
Individual study in illustration.

**Department**
Design

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
Instructor's consent only. Must get a permission to add code from instructor before enrolling.

| Title | Tags |
|---|---|
| Individual Projects | 187303, 1 |

**Learning Outcome**
Students will be able to write and present a proposal for individual creative work. Students will be able to conceive and produce a unique body of work using skills learned in other classes and apply their gained knowledge to individual projects.

## DESIL 497 - BFA Illustration Capstone Project: Implementation

### Course Information

**Teaching Area (new)**
DESIL

**Course Number**
497

**Teaching Area**
DESIL

**Course Title**
BFA Illustration Capstone Project: Implementation

**Course Description**
Students will carry out an intensive capstone project based on a topic of their choosing. Students' topic will be based on student-driven market specific research and future focus, and implementation includes planning, and exhibition of completed artwork.

**Department**
Design

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
2

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 490 - BFA Illustration Capstone Project: Research

**Additional Comments:**

**Other Prerequisites**
Illustration BFA advisor's consent.

## DESIL 498R - Directed Studies in Illustration

### Course Information

**Teaching Area (new)**
DESIL

**Course Number**
498R

**Teaching Area**
DESIL

**Course Title**
Directed Studies in Illustration

**Course Description**
Course credit for work experience in illustration.

**Department**
Design

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESIL 330 - Conceptual Illustration

**Additional Comments:**

**Other Prerequisites**
Illustration BFA advisor's consent. Permission to add code required.

| Title | Tags |
|---|---|
| Work-related Experience | 187251, 0, 1 |

**Learning Outcome**
Students will be able to work in a variety of professional situations and take what they have learned from other classes and apply that knowledge to the work-related environment.

## DESPH 116 - Introduction to Photography and Digital Workflow

### Course Information

**Teaching Area (new)**
DESPH

**Course Number**
116

**Teaching Area**
DESPH

**Course Title**
Introduction to Photography and Digital Workflow

## DESPH 120 - Conceptual Practices and Creative Exploration

### Course Information

**Teaching Area (new)**
DESPH

**Course Number**
120

**Teaching Area**
DESPH

**Course Title**
Conceptual Practices and Creative Exploration

**Course Description**
Basic camera techniques and digital capture, developing entry-level skills in digital imaging workflow, developing skills with industry-related software and working methods. Lighting two-dimensional work for portfolio documentation.
**Department**
Design
**When Taught**
Fall and Winter

## Credit Hours

**Min**
3
**Fixed**
3

## Lecture Hours

**Fixed**
6

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Pre-photography major or pre-design status.
**Note**
Also offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Technical Competency | 137581, 0 |

**Learning Outcome**
Students will be able to understand the basic aspects of photography dealing with composition and subject matter and understand the technical aspects of photography, ISO, Shutter and Exposure.

| Title | Tags |
| --- | --- |
| Good Design | 137582, 1 |

**Learning Outcome**
Students will be able to sensitively compose photographs using the elements and principles of good design.

| Title | Tags |
| --- | --- |
| Effective Use of Light | 137583, 2 |

**Learning Outcome**

**Course Description**
This course serves as a critical examination of the photographic medium as a form of visual communication and creative expression—an exploration that will come about mainly through readings, discussions, and image-making activities.
**Department**
Design
**When Taught**
Winter.

## Credit Hours

**Min**
3
**Fixed**
3

## Lecture Hours

**Fixed**
6

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DESPH 116 - Introduction to Photography and Digital Workflow

**Additional Comments:**

**Other Prerequisites**
Photo- & Lens- Based Design Pre-BFA status students and Design pre-BA students only.

| Title | Tags |
| --- | --- |
| Critical Thinking & Decision Making | 137586, 1 |

**Learning Outcome**
Students will develop vocabulary to articulate and defend conceptual and practical choices related to their personal creative photographic practice based on an understanding of how their work functions within the broader dialogue of historical and contemporary photographic themes, topics, and practices.

| Title | Tags |
| --- | --- |

Students will be able to effectively use light in general and use it to define form.

| Title | Tags |
| --- | --- |
| Seeing and Creativity | 137584, 3 |

**Learning Outcome**
Students will be able to see photographically and think creatively.

| Title | Tags |
| --- | --- |
| Digital Imaging Workflow | 137585, 4 |

**Learning Outcome**
Students will be able to develop a personal digital imaging workflow to manage their creative output.

| Creative Practice | 137587, 2 |
| --- | --- |

**Learning Outcome**
Students will develop a clear focus of their creative practice and will possess the ability to describe their motivations, choices, and interests relating to their photographic work.

## DESPH 240 - Lighting 1

### Course Information

**Teaching Area (new)**
DESPH
**Course Number**
240
**Teaching Area**
DESPH
**Course Title**
Lighting 1
**Course Description**
Introduction to studio lighting for photographers. Using light as a medium for creating expressive imagery.
**Department**
Design
**When Taught**
Fall

**Credit Hours**

**Min**
3
**Fixed**
3

**Lecture Hours**

**Fixed**
6

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESPH 120 - Conceptual Practices and Creative Exploration

**Additional Comments:**

**Other Prerequisites**
Photography BFA acceptance.

## DESPH 250 - Lighting 2

### Course Information

**Teaching Area (new)**
DESPH
**Course Number**
250
**Teaching Area**
DESPH
**Course Title**
Lighting 2
**Course Description**
Advance camera and lighting techniques specific to portraiture, location lighting, table top product, motion, and studio lighting.
**Department**
Design
**When Taught**
Winter

**Credit Hours**

**Min**
3
**Fixed**
3

**Lecture Hours**

**Fixed**
6

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESPH 240 - Lighting 1

**Additional Comments:**

**Other Prerequisites**
Photography BFA acceptance only.
**Note**
Lab required.

## DESPH 260 - Filmmaking 01

### Course Information

**Teaching Area (new)**
DESPH
**Course Number**
260
**Teaching Area**

## DESPH 270 - Introduction to Black and White Photography and Darkroom Techniques

### Course Information

DESPH
**Course Title**
Filmmaking 01
**Course Description**
This course focuses on the fundamental techniques and processes to making films for both personal and commercial use.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DESPH 116 - Introduction to Photography and Digital Workflow

**Additional Comments:**

**Other Prerequisites**
Photo- & Lens- Based Design Pre-BFA status students and Design pre-BA students only.

| Title | Tags |
|---|---|
| Elements of Filmmaking | 137597, 2 |

**Learning Outcome**
Students will operate with a developed understanding of basic elements of filmmaking, including cinematography, writing, producing, and directing.

| Title | Tags |
|---|---|
| Camera Techniques | 137598, 3 |

**Learning Outcome**
Students will demonstrate

**Teaching Area (new)** DESPH
**Course Number** 270
**Teaching Area**
DESPH
**Course Title**
Introduction to Black and White Photography and Darkroom Techniques
**Course Description**
Basic camera and darkroom techniques emphasizing black and white film processing and printmaking with concern for visual communication, aesthetics, and personal expression.
**Department**
Design
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Photography BFA acceptance only.
**Note**
Fee.

| Title | Tags |
|---|---|
| Entry Level Processing and Printing | 137600, 1 |

**Learning Outcome**
Students will be able to apply entry level skills of processing and printing traditional (meaning film vs. digital) black and white photographs, including a variety of special effect techniques.

| Title | Tags |
|---|---|
| 35mm and Medium Format Camera Skills | 137601, 2 |

**Learning Outcome**
Students will be able to apply entry level professional skills associated with traditional 35mm and medium format film camera

correct operating procedures of cinematography through a deliberate technical use of the camera.

| Title | Tags |
| --- | --- |
| Lighting Techniques | 137599, 4 |

**Learning Outcome**
Students will demonstrate appropriate lighting techniques related to cinematography while utilizing natural and artificial light sources both in studio and on location.

| Title | Tags |
| --- | --- |
| Film Editing | 187255, 1 |

**Learning Outcome**
Students will be able to edit films using the most current editing software.

systems.

## DESPH 273 - Digital Imaging and Compositing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESPH | 273 |

**Teaching Area**
DESPH
**Course Title**
Digital Imaging and Compositing
**Course Description**
This course focuses on utilizing current image creation software to pre-visualize and create photographic imagery that did not exist in front of the camera—including compositing existing imagery, incorporating AI tools, best practice digital workflow, and print output.
**Department**
Design
**When Taught**
Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

## DESPH 276 - Visual Storytelling

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESPH | 276 |

**Teaching Area**
DESPH
**Course Title**
Visual Storytelling
**Course Description**
Narrative storytelling through the medium of photography. Concepts, techniques and styles used in photojournalism, documentary, and photoreportage.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DESPH 120 - Conceptual Practices and Creative Exploration **AND** DESPH 260 - Filmmaking 01

**Additional Comments:**

Other Prerequisites
Photo- & Lens- Based Design BFA acceptance and Design majors only.
**Note**
Lab required.

| Title | Tags |
|---|---|
| 2D Imagery Design & Composition | 137602, 1 |

Learning Outcome
Students will be able to effectively and efficiently apply design and compositional skills in two-dimensional imagery.

| Title | Tags |
|---|---|
| Professional Digital Workflow | 137603, 2 |

Learning Outcome
Students will be able to apply entry-level, professional skills with digital workflow, including skills with relevant industry related software and working methods utilized by digital retouchers.

## DESPH 360 - Filmmaking 02

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DESPH 120 - Conceptual Practices and Creative Exploration **AND** DESPH 240 - Lighting 1

**Additional Comments:**

Other Prerequisites
Photography BFA acceptance or Design majors only.

| Title | Tags |
|---|---|
| Editorial Techniques and Styles | 137608, 1 |

Learning Outcome
Students will be able to use the techniques and styles used in editorial photography with and emphasis on content, concept, and narrative as used in photojournalism, documentary, and photo-reportage, including techniques used to tell stories and persuade thought and opinion in editorial media.

| Title | Tags |
|---|---|
| Portable Flash Systems | 137609, 2 |

Learning Outcome
Students will be able to implement camera and lighting techniques used in location editorial photography, including the use of portable dedicated and non-dedicated flash systems.

| Title | Tags |
|---|---|
| Historic and Contemporary Photographers | 137610, 3 |

Learning Outcome
Students will be able to identify the styles and techniques used by a variety of significant editorial photographers both historic and contemporary.

## DESPH 370 - Survey of Applied Photography

## Course Information

**Teaching Area (new)**
DESPH

**Course Number**
360

**Teaching Area**
DESPH

**Course Title**
Filmmaking 02

**Course Description**
This course explores advanced approaches to filmmaking, with a greater emphasis on the roles of production.

**Department**
Design

**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESPH 260 - Filmmaking 01
  **AND** DESPH 273 - Digital Imaging and Compositing

**Additional Comments:**

**Other Prerequisites**
Photo- & Lens- Based Design BFA majors only.

**Title**
Film Production

**Tags**
187256, 4

**Learning Outcome**
Students will be able to create effective films through a greater awareness of different roles and tasks related to film production.

**Title**
Cinematography, Lighting and Style

**Tags**
187257, 2

## Photography

## Course Information

**Teaching Area (new)**
DESPH

**Course Number**
370

**Teaching Area**
DESPH

**Course Title**
Survey of Applied Photography

**Course Description**
Introduction to a broad range of photographic applications, including copy work, portraiture, editorial, architectural, and photojournalism.

**Department**
Design

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESPH 240 - Lighting 1

**Additional Comments:**

**Recommended**
DESPH 120

**Learning Outcome**
Students will develop their own aesthetic identity as directors and cinematographers using advanced lighting techniques while working on location and with specific subjects.

| Title | Tags |
| --- | --- |
| Film Editing | 187258, 3 |

**Learning Outcome**
Students will be able to edit films using the most current editing software.

## DESPH 377R - Alternative Photographic Processes

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESPH | 377R |

**Teaching Area**
DESPH
**Course Title**
Alternative Photographic Processes
**Course Description**
Advanced studio photography course exploring colloidal and other alternative photographic processes.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Photography BFA acceptance only.
**Fee**

## DESPH 378 - Junior Portfolio

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESPH | 378 |

**Teaching Area**
DESPH
**Course Title**
Junior Portfolio
**Course Description**
Advanced approaches to photography, including conceptual, social, and aesthetic values culminating in a Junior level portfolio project.
**Department**
Design
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

150

**Note**

Lab required. Fee.

| Title | Tags |
| --- | --- |
| New Skills and Processes | 137618, 1 |

**Learning Outcome**

Students will be able to continually teach themselves new processes in order to have an artistic career of continual discovery and creative exploration

| Title | Tags |
| --- | --- |
| Expanded Processes and Creative Expression | 137619, 2 |

**Learning Outcome**

Students will be able to analyze and apply new and different photographic processes and aesthetics in order to expand their creative expression.

| Title | Tags |
| --- | --- |
| History of Photography | 137620, 3 |

**Learning Outcome**

Students will be able to understand and apply their knowledge of the history of photography.

| Title | Tags |
| --- | --- |
| New Skills and Processes | 208426, 0, 1 |

**Learning Outcome**

Students will be able to continually teach themselves new processes in order to have an artistic career of continual discovery and creative exploration

| Title | Tags |
| --- | --- |
| Expanded Processes and Creative Expression | 208427, 0, 2 |

**Learning Outcome**

Students will be able to analyze and apply new and different photographic processes and aesthetics in order to expand their creative expression.

| Title | Tags |
| --- | --- |
| History of Photography | 208428, 0, 3 |

Prerequisites

**Complete ALL of the following Courses:**

- DESPH 273 - Digital Imaging and Compositing

**Additional Comments:**

**Other Prerequisites**

Photography BFA acceptance only.

| Title | Tags |
| --- | --- |
| Gospel Standards and Contemporary Art | 137635, 3 |

**Learning Outcome**

Students will be able to successfully incorporate gospel standards while navigating through the environments of contemporary art movements.

| Title | Tags |
| --- | --- |
| Photographic Analysis | 137633, 1 |

**Learning Outcome**

Students will be able to understand, analyze, and broaden their perspective of contemporary practices in photography.

| Title | Tags |
| --- | --- |
| Critical Evaluation and Critique Strategies | 137634, 2 |

**Learning Outcome**

Students will be able to apply advanced levels of critical evaluation, self-motivations, and critique strategies of their own work as well as the work of others.

Learning Outcome
Students will be able to understand and apply their knowledge of the history of photography.

## DESPH 379 - History of Photography

### Course Information

Teaching Area (new): DESPH
Course Number: 379
Teaching Area: DESPH
Course Title: History of Photography
Course Description: Origin and development of photographic aesthetics.
Department: Design
When Taught: Fall

### Credit Hours

Min: 3
Fixed: 3

### Lecture Hours

Fixed: 6

### Lab Hours

Fixed: 0

Other Prerequisites
Design majors only or instructor consent.

| Title | Tags |
|---|---|
| Scope | 137621, 0 |

Learning Outcome
Students will be able to understand the history of photography from the nineteenth-century to the present.

| Title | Tags |
|---|---|
| Style | 137622, 1 |

## DESPH 394R - Special Topics

### Course Information

Teaching Area (new): DESPH
Course Number: 394R
Teaching Area: DESPH
Course Title: Special Topics
Course Description: Project-based studio course for photographers.
Department: Design
When Taught: Fall and Winter

### Credit Hours

Min: 0.5
Fixed: 3

### Lecture Hours

Fixed: 1

### Lab Hours

Fixed: 0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- DESPH 120 - Conceptual Practices and Creative Exploration
  **AND** DESPH 240 - Lighting 1
  **AND** DESPH 260 - Filmmaking 01

**Additional Comments:**

Other Prerequisites: Photography BFA major or instructor consent.
Recommended: DESPH 372, 377R, 475, 478

**Learning Outcome**
Students will be able to articulate the characteristics of the period styles, processes, techniques, cultural uses, and philosophies of key photographers in Europe and the Western Hemisphere. Students will be able to analyze and identify important photographs and collections in terms of style, patronage, reception, and meaning.

| Title | Tags |
| --- | --- |
| Research Skills | 137623, 2 |

**Learning Outcome**
Students will be able to apply art historical research skills in conducting advanced research focused on a single photographer or photograph.

| Title | Tags |
| --- | --- |
| State of Research | 137624, 4 |

**Learning Outcome**
Students will be able to situate their informed, original ideas within the best publications and reviews of period photography.

| Title | Tags |
| --- | --- |
| Sources | 137625, 0, 5 |

**Learning Outcome**
Students will be able to demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the by the HBLL Art History and Photography research guides. Students will also be able to use acceptable style guides.

**Note**
Fee.

| Title | Tags |
| --- | --- |
| Course Outcome | 187260, 1 |

**Learning Outcome**
This course will be adjusted by faculty based on student demand or relevant topics in the field.

## DESPH 410R - Computer Applications Studio for Photographers

### Course Information

**Teaching Area (new)**
DESPH

**Course Number**
410R

**Teaching Area**
DESPH

**Course Title**
Computer Applications Studio for Photographers

**Course Description**
Individual photography project using high-end hardware and software.

**Department**
Design

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
0

## DESPH 411R - Photographic Field Study

### Course Information

**Teaching Area (new)**
DESPH

**Course Number**
411R

**Teaching Area**
DESPH

**Course Title**
Photographic Field Study

**Course Description**
On-location study of photography.

**Department**
Design

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Directed Studies in Photography | 187282, 1 |

**Learning Outcome**
Students will be able to participate in a mentored, off-campus learning environment during the completion of a field study project.

## DESPH 475 - Location Photography

### Course Information

**Teaching Area (new)**
DESPH

**Course Number**
475

**Teaching Area**
DESPH

**Course Title**
Location Photography

**Course Description**
Lighting and photographing architecture, products, people, and concepts in environmental settings for the editorial, corporate, industrial, and advertising industry.

**Department**
Design

**When Taught**
Fall

#### Credit Hours

**Min**

## DESPH 477R - Nature Photography

### Course Information

**Teaching Area (new)**
DESPH

**Course Number**
477R

**Teaching Area**
DESPH

**Course Title**
Nature Photography

**Course Description**
Techniques of professional nature and landscape photography.

**Department**
Design

**When Taught**
Spring Term

#### Credit Hours

**Min**
3

3

Fixed
3

## Lecture Hours

Fixed
6

## Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Completion Requirement

Complete ALL of the following Courses:
- DESPH 240 - Lighting 1
  **AND** DESPH 250 - Lighting 2

Additional Comments:

Other Prerequisites
Photography BFA acceptance only.
Note
Fee.

| Title | Tags |
|---|---|
| Photographing Architecture | 137630, 0 |

Learning Outcome
Students will be able to effectively photograph architecture (residential, commercial, and religious).

| Title | Tags |
|---|---|
| Location Photography | 137631, 1 |

Learning Outcome
Students will be able to apply skills in professional location photography, including those connected to corporate, industrial, editorial, and advertising photography.

| Title | Tags |
|---|---|
| Professional Portfolio | 137632, 2 |

Learning Outcome
Students will be able to create and refine their portfolios (electronic and print versions) for professional presentation

Fixed
3

## Lecture Hours

Fixed
6

## Lab Hours

Fixed
0

Other Prerequisites
Photography BFA acceptance or instructor's consent.

| Title | Tags |
|---|---|
| Nature Photography Techniques and Philosophies | 187279, 1 |

Learning Outcome
Students will be able to apply the techniques and philosophies associated with photographing nature, landscape, and wildlife, including incorporating the techniques of several master landscape and wildlife photographers.

| Title | Tags |
|---|---|
| Natural Light and Weather Conditions | 187280, 2 |

Learning Outcome
Students will be able to understand natural light and weather conditions related to photography as well as be aware of the natural world, including flora, fauna, earth forms, and sky objects.

| Title | Tags |
|---|---|
| Creative Decision Making | 187281, 3 |

Learning Outcome
Students will be able to apply creative decision making skills related to camera controls and compositional theories in making emotive and connotative photographs of the natural world.

purposes.

## DESPH 488 - Professional Practices for Photographers

### Course Information

**Teaching Area (new)**
DESPH
**Course Number**
488
**Teaching Area**
DESPH
**Course Title**
Professional Practices for Photographers
**Course Description**
Business aspects of the photographer's profession.
**Department**
Design
**When Taught**
Winter

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Photography BFA acceptance only.

**Title**
Photography Business Management
**Tags**
137636, 1
**Learning Outcome**
Students will be able to apply basic skills and concepts of earning a living and running a photographic business, including legal business organization models, writing a business plan, calculating fixed overhead, and variable business expenses.

**Title**
Effective and Competitive Pricing
**Tags**
137637, 2

## DESPH 490 - BFA Capstone Project: Research

### Course Information

**Teaching Area (new)**
DESPH
**Course Number**
490
**Teaching Area**
DESPH
**Course Title**
BFA Capstone Project: Research
**Course Description**
Students will complete an intensive project on a topic of their choice, develop personal research and design methods to prepare the project for public exhibition.
**Department**
Design
**When Taught**
Fall

#### Credit Hours

**Min**
1
**Fixed**
1

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DES 390 - Design Theory and Visual Culture

**Additional Comments:**

**Title**
Writing
**Tags**
208766, 0, 1
**Learning Outcome**
Students will be able to plan, research, and write a major thesis in support of a final

Learning Outcome
Students will be able to effectively and competitively price and market their photographic work.

| Title | Tags |
| --- | --- |
| Photographic Assisting | 137638, 3 |

Learning Outcome
Students will be able to implement important skills and attributes of being photographic assistants.

capstone project.

| Title | Tags |
| --- | --- |
| Research | 208767, 0, 2 |

Learning Outcome
Students will be able to engage in deeper thinking through conducting original research related to their capstone project.

| Title | Tags |
| --- | --- |
| Exhibition | 208768, 0, 3 |

Learning Outcome
Students will create a compelling exhibition of their capstone research and project.

## DESPH 494R - Special Problems in Photography

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESPH | 494R |

Teaching Area
DESPH
Course Title
Special Problems in Photography
Course Description
Individual study in photography of special interest.
Department
Design
When Taught
Contact Department

#### Credit Hours

Min
1

Fixed
3

Other Prerequisites
Instructor's consent.

| Title | Tags |
| --- | --- |
| Trends and Collaboration | 187283, 1 |

Learning Outcome
Students will be able to engage in a collaborative project with another department or learn a trend within the photographic medium that is relevant to the shift in trends in the professional or artistic world.

## DESPH 497 - BFA Photography Capstone Project: Implementation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESPH | 497 |

Teaching Area
DESPH
Course Title
BFA Photography Capstone Project: Implementation
Course Description
Students complete an advanced individual project in photography on a topic of their choosing which includes developing personal research, project implementation, and a public exhibition.
Department
Design
When Taught
All Semesters/Terms

#### Credit Hours

Min
3

Fixed
3

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DESPH 490 - BFA Capstone Project: Research

**Additional Comments:**

**Other Prerequisites**
BFA advisor's consent.

| Title | Tags |
| --- | --- |
| Course Outcome #1 | 54150, 0 |

**Learning Outcome**
Students will research and write a thesis paper culminating in a Capstone photographic project.

| Title | Tags |
| --- | --- |
| Presentation | 208769, 0, 1 |

**Learning Outcome**
Students will be able to present the results of their research and implement a capstone photographic project with compelling storytelling and clear visual organization.

| Title | Tags |
| --- | --- |
| Execution | 208770, 0, 2 |

**Learning Outcome**
Students will execute a plan derived from their written thesis in support of a final capstone project.

| Title | Tags |
| --- | --- |
| Research Paper | 187284, 1 |

**Learning Outcome**
Students will be able to research and write a thesis paper culminating in a Capstone photographic project.

## DESPH 498R - Directed Studies in Photography

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DESPH | 498R |

**Teaching Area**
DESPH
**Course Title**
Directed Studies in Photography
**Course Description**
Credit fort work experience in photography.
**Department**
Design
**When Taught**
Contact Department

## DESPX 115 - Intro to Product & User Experience Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| INDES | 115 |

**Teaching Area**
DESPX
**Course Title**
Intro to Product & User Experience Design
**Course Description**
Basics of how to evaluate, and apply principles of structured creativity to develop new and useful ideas. Understanding of verbal and visual presentations as a tool for communicating new ideas.
**Department**
Design
**When Taught**

### Credit Hours

Min
1

Fixed
6

Other Prerequisites
BFA advisor's consent.

| Title | Tags |
| --- | --- |
| Self Directed Project with Mentorship | 187285, 1 |

Learning Outcome
Students will be able to use a specific technical or conceptual practice in relationship to the photographic medium.

Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Simple Requisites

Prerequisite
Type
Prerequisite

Additional Comments:

Other Prerequisites
For Pre-Product & User Experience Design and Pre-Interdisciplinary BA Students only.

| Title | Tags |
| --- | --- |
| Remember | 213649, 0, 1, 2023-08-29 08:39:52 |

Learning Outcome
Students will: Recall the components of the USERS model for design thinking. Describe the three cognitive modes of designer thinking. List the 4p's of creativity.

| Title | Tags |
| --- | --- |
| Understand | 213650, 0, 2, 2023-08-29 08:39:54 |

Learning Outcome
Students will: Define and explain what is meant by structured creativity. Give examples of blocks to creative thinking. Summarize the five principles of divergent thinking.

| Title | Tags |
| --- | --- |
| Application | 213651, 0, 3, 2023-08-29 08:39:55 |

Learning Outcome
Students will: Employ the three practices for each of the USERS principles. Demonstrate creative

thinking tools and techniques. Understand basic principles of presenting compelling and persuasive ideas to others.

| Title | Tags |
| --- | --- |
| Analyze | 213652, 0, 4, 2023-08-29 08:39:56 |

**Learning Outcome**
Students will: Identify the purpose of sketching in exploring and communicating ideas. Relate the relationship of flexibility and fluency in concept generation.

| Title | Tags |
| --- | --- |
| Evaluate | 213653, 0, 5, 2023-08-29 08:39:57 |

**Learning Outcome**
Students will: Critique and provide feedback to other student's ideas. Appraise their own tolerance for ambiguity. Access their performance in relation to their peer group.

| Title | Tags |
| --- | --- |
| Design | 213654, 0, 6, 2023-08-29 08:39:59 |

**Learning Outcome**
Students should be able to: Construct original and useful ideas by questioning, comparing and combining, Develop unified 3D and interactive compositions. Visualize, validate, and iterate design concepts

## DESPX 200 - Prototyping Processes and Materials

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| INDES | 200 |

**Teaching Area**
DESPX
**Course Title**
Prototyping Processes and Materials
**Course Description**
Introduction to the tools, machines, materials, and processes that allow for the production of prototypes and realization of designs.
**Department**
Design
**When Taught**
Fall

## DESPX 210 - 3D Modeling Principles (CAD 1)

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| INDES | 210 |

**Teaching Area**
DESPX
**Course Title**
3D Modeling Principles (CAD 1)
**Course Description**
Computer software programs relative to design disciplines.
**Department**
Design
**When Taught**
Fall.

### Credit Hours

Min

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESPX 220 - Product 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Safe lab practices | 213655, 0, 1, 2023-08-29 08:40:00 |

**Learning Outcome**
Students will understand and apply safe, prototyping lab practices as you train on the safe use of tools and machines, such as: files, chisels, handsaws, hand drills, the drill press, the band saw, table saw, and wood & metal miter saws, lathes, grinders, and the thermoformer.

| Title | Tags |
|---|---|
| Material and assembly processes | 213656, 0, 2, 2023-08-29 08:40:01 |

**Learning Outcome**
Students will practice and analyze material additive and subtractive processes to become familiar with common prototyping materials and assembly processes.

| Title | Tags |
|---|---|
| Prototyping processes | 213657, 0, 3, 2023-08-29 08:40:02 |

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESPX 220 - Product 1

**Additional Comments:**

**Other Prerequisites**
Design BFA & BA majors only.

| Title | Tags |
|---|---|
| Understanding | 213659, 0, 1, 2023-08-29 08:40:05 |

**Learning Outcome**
Students should: - Understand and apply principles of good design intent to develop robust modeled geometry. - Understand both solid and surface modeling principles and how of effectively apply them.

| Title | Tags |
|---|---|
| Application | 213660, 0, 2, 2023-08-29 08:40:06 |

**Learning Outcome**
Students should be able to: - Use Solidworks and Photoview 360 effectively to develop and communicate ideas. - Apply solid modeling to develop 3D parts with: Machining and rapid prototyping.

Learning Outcome
Students will understand, and apply typical prototyping procedures, including: woodworking, 3D printing, vacuum forming, sheet metal bending, laser cutting, CNC milling, casting, molding, painting, surface finishing, gluing, fastening

| Title | Tags |
| --- | --- |
| Prototype construction | 213658, 0, 4, 2023-08-29 08:40:04 |

Learning Outcome
Students will construct concept models and working prototypes.

## DESPX 214 - Manufacturing Materials & Processes

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| INDES | 214 |

Teaching Area
DESPX
Course Title
Manufacturing Materials & Processes
Course Description
Manufacturing tools, processes, and materials commonly used in product design.
Department
Design
When Taught
Winter.

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Simple Requisites

## DESPX 220 - Product 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| INDES | 220 |

Teaching Area
DESPX
Course Title
Product 1
Course Description
Introduction of rapid visualization sketching techniques as a tool to develop, evaluate, and communicate ideas.
Department
Design
When Taught
Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESPX 200 - Prototyping Processes and Materials

**Additional Comments:**

**Other Prerequisites**
Design BFA & BA majors only

| Title | Tags |
| --- | --- |
| Understanding/Recognition | 213661, 0, 1, 2023-08-29 08:40:07 |

**Learning Outcome**
Students should: - Be able to recognize manufacturing processes used to create products. - Be able to recognize basic materials used in products. - Understand limitations and advantages of manufacturing processes. - Have a basic knowledge of material properties.

## DESPX 230R - Product Design Studio 1

### Course Information

**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESPX 115 - Intro to Product & User Experience Design

**Additional Comments:**

**Other Prerequisites**
Product & User Experience Design Pre-BFA status students or Design BA majors only.

| Title | Tags |
| --- | --- |
| Understand | 213662, 0, 1, 2023-08-29 08:40:09 |

**Learning Outcome**
Students will: Understand the basic principles of perspective drawing, form construction, and simple shading.

| Title | Tags |
| --- | --- |
| Apply | 213663, 0, 2, 2023-08-29 08:40:10 |

**Learning Outcome**
Students will: Sketch using perspective and rapid visualization principles to present basic forms and simple product concepts.

| Title | Tags |
| --- | --- |
| Evaluate | 213664, 0, 3, 2023-08-29 08:40:11 |

**Learning Outcome**
Students will: Compare their work to the work of their peers and articulate the strengths and weaknesses of different sketching techniques during in-class critiques.

| Title | Tags |
| --- | --- |
| Create | 213665, 0, 4, 2023-08-29 08:40:13 |

**Learning Outcome**
Students will: Produce basic sketch-based drawings for product concept communication. Use sketching as a tool for thinking and presentation.

## DESPX 260 - User Experience 1: Interfaces & Usability

**Teaching Area (new)**
INDES
**Course Number**
230R
**Teaching Area**
DESPX
**Course Title**
Product Design Studio 1
**Course Description**
Industrial design research, analysis, and problem-solving methods.
**Department**
Design
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Title**
Understanding
**Tags**
213666, 0, 1, 2023-08-29 08:40:15

**Learning Outcome**
Students will understand form principles with additional constraints. Form + Human Factors Form + Mechanism Form + Materials and Processes Form + User Experience From + Problem Finding Form + Branding

**Title**
Application
**Tags**
213667, 0, 2, 2023-08-29 08:40:16

**Learning Outcome**
Students will be able to apply: Principles of aesthetics and form Design skills to a project in a studio based environment Make things Presentation methods to communicate ideas clearly

## Course Information

**Course Number**
260
**Teaching Area**
DESPX
**Course Title**
User Experience 1: Interfaces & Usability
**Course Description**
Students will design better human interactions by mastering the process of creating usable digital experiences and crafting engaging user interfaces.
**Department**
Design
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESPX 115 - Intro to Product & User Experience Design

**Additional Comments:**

**Other Prerequisites**
Product & User Experience Design Pre-BFA status & Design BA majors only.

**Title**
Design Research
**Tags**
213668, 0, 1, 2023-08-29 08:40:17

**Learning Outcome**
Students will be able to use design research methods to develop empathy for end-users as they focus design efforts on user needs.

**Title**
**Tags**
213669, 0, 2, 2023-08-29

Design for Code 08:40:18

**Learning Outcome**
Students will be able to demonstrate understanding of the affordances, limits, and benefits of designing in code such as HTML, CSS, etc.

**Title**
Experiences & Usability Testing

**Tags**
213670, 0, 3, 2023-08-29 08:40:20

**Learning Outcome**
Students will be able to develop design and test concepts that effectively mediate relationships between people and products, environments, and services.

**Title**
Contemporary Interfaces

**Tags**
213671, 0, 4, 2023-08-29 08:40:21

**Learning Outcome**
Students will be able to create platform-specific design patterns and style with current interface design sensibilities.

**Title**
Digital Typography

**Tags**
213672, 0, 5, 2023-08-29 08:40:22

**Learning Outcome**
Students will be able to effectively use typography in digital spaces, demonstrating the appropriate blend of legibility and expressiveness, and responsive device-independent type with complex hierarchy across multi-screen applications.

**Title**
Documentation

**Tags**
213673, 0, 6, 2023-08-29 08:40:24

**Learning Outcome**
Students will be able to create detailed documentation of their design process and final design outcome, with clear written explanations of interface content and functionality.

**Title**
Critical analysis of interactive products

**Tags**
213674, 0, 7, 2023-08-29 08:40:25

**Learning Outcome**
Students will demonstrate

critical analysis of interactive products and become more thoughtful consumers of designed products.

## DESPX 261 - User Experience 2

### Course Information

**Course Number**
261
**Teaching Area**
DESPX
**Course Title**
User Experience 2
**Course Description**
This course helps students develop engaging user experiences in digital products, using more advanced design research methods, and ability to create some design in code
**Department**
Design
**When Taught**
Fall

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESPX 260 - User Experience 1: Interfaces & Usability

**Additional Comments:**

**Other Prerequisites**
Product & User Experience Design BFA majors only.

| Title | Tags |
| --- | --- |
| Advanced design research | 213675, 0, 1, 2023-08-29 08:40:27 |

**Learning Outcome**
Students will be able to use advanced design research

## DESPX 310 - Advanced 3D Modeling (CAD 2)

### Course Information

**Teaching Area (new)**
INDES
**Course Number**
310
**Teaching Area**
DESPX
**Course Title**
Advanced 3D Modeling (CAD 2)
**Course Description**
Focus on improving Solidworks and Keyshot software proficiency by understanding software terms, practicing modeling techniques, combining solid modeling with surface modeling, evaluating design intent, and designing for assembly.
**Department**
Design
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESPX 210 - 3D Modeling Principles (CAD 1)

**Additional Comments:**

**Title**
Create physical product
**Tags**

methods to develop empathy for end-users as they focus design efforts on user needs.

| Title | Tags |
| --- | --- |
| Documentation | 213676, 0, 2, 2023-08-29 08:40:28 |

**Learning Outcome**
Students will be able to create detailed documentation of their design process and final design outcome, with clear written explanations of interface content and functionality.

| Title | Tags |
| --- | --- |
| Experiences & Usability Testing | 213677, 0, 3, 2023-08-29 08:40:29 |

**Learning Outcome**
Students will be able to develop design and test concepts that effectively mediate relationships between people and products, environments, and services.

| Title | Tags |
| --- | --- |
| Information Architecture | 213678, 0, 4, 2023-08-29 08:40:30 |

**Learning Outcome**
Students will be able to create effective information architecture in a designed product

| Title | Tags |
| --- | --- |
| Contemporary Interfaces | 213679, 0, 5, 2023-08-29 08:40:32 |

**Learning Outcome**
Students will be able to create platform-specific design patterns and style with current interface design sensibilities.

| Title | Tags |
| --- | --- |
| Design in Code | 213680, 0, 6, 2023-08-29 08:40:33 |

**Learning Outcome**
Students will be able to demonstrate ability to design in code

## DESPX 330R - Product Design Studio 2

| Title | Tags |
| --- | --- |
| Create physical product prototypes | 213681, 0, 1, 2023-08-29 08:40:34 |

**Learning Outcome**
Create visually accurate and functional physical 3D prototypes based on the CAD models they create.

| Title | Tags |
| --- | --- |
| Create virtual product renderings | 213682, 0, 2, 2023-08-29 08:40:36 |

**Learning Outcome**
Create and evaluate computer generated product renderings.

| Title | Tags |
| --- | --- |
| Lighting theory | 213683, 0, 3, 2023-08-29 08:40:37 |

**Learning Outcome**
Evaluate and understand basic product lighting theory

| Title | Tags |
| --- | --- |
| Rendering basics | 213684, 0, 4, 2023-08-29 08:40:38 |

**Learning Outcome**
Practice HDRI editing techniques, creating environments, customizing color, materials and finishes.

| Title | Tags |
| --- | --- |
| Workflow process | 213685, 0, 5, 2023-08-29 08:40:40 |

**Learning Outcome**
Analyze and practice post production workflow.

| Title | Tags |
| --- | --- |
| Presentations techniques | 213686, 0, 6, 2023-08-29 08:40:43 |

**Learning Outcome**
Practice making exploded views for presentations.

## DESPX 338R - Field Study

## Course Information

**Teaching Area (new)**
INDES

**Course Number**
330R

**Teaching Area**
DESPX

**Course Title**
Product Design Studio 2

**Course Description**
Designer responsibilities, structured and unstructured procedures in problem solving, client relationships, functional relationships, and mechanisms and materials.

**Department**
Design

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESPX 230R - Product Design Studio 1

**Additional Comments:**

**Title**
Understanding

**Tags**
213690, 0, 1, 2023-08-29 08:40:52

**Learning Outcome**
Students will be introduced to: Corporate design research methodsConcise and compelling narrativesUser Experience and User InterfaceImplementation

**Title**
Application

**Tags**
213691, 0, 2, 2023-08-29 08:40:54

**Learning Outcome**

## Course Information

**Teaching Area (new)**
INDES

**Course Number**
338R

**Teaching Area**
DESPX

**Course Title**
Field Study

**Course Description**
Introduction to the professional design community and the options available to industrial designers, with the aim of preparing students to be full participants in and contributors to design culture. Insight into potential internships, a variety of careers, and different environments where employment can be pursued. Participation in workshops, visits to historical and contemporary design sites, and, potentially, pursuit of research activities.

**Department**
Design

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

**Title**
Industry Exposure

**Tags**
213692, 0, 1, 2023-08-29 08:40:55

**Learning Outcome**
Students will investigate career paths in a variety of contexts including corporate, consultancies, and independent work.

**Title**
Assess professional work

**Tags**
213693, 0, 2, 2023-08-29 08:40:57

**Learning Outcome**
Students will evaluate the work of professionals and assess how their work could influence their own design work.

**Title**
Practice design skills

**Tags**
213694, 0, 3, 2023-08-29 08:40:58

**Learning Outcome**
Students will practice design skills in workshops.

**Title**
Investigate contemporary and historical artifacts and sites.

**Tags**
213695, 0, 4, 2023-08-29 08:41:00

**Learning Outcome**

Learning Outcome
Students will be able to apply: Knowledge and skills they have learned to sponsored projects in a studio based environment.Principles of story tellingPresentation methods

Students will investigate and appraise contemporary and historical design artifacts and sites.

**Title**
Design research

**Tags**
213696, 0, 5, 2023-08-29 08:41:01

**Learning Outcome**
Students will potentially design and implement a research project

## DESPX 339 - History of Products

### Course Information

**Teaching Area (new)**
INDES

**Course Number**
339

**Teaching Area**
DESPX

**Course Title**
History of Products

**Course Description**
Overview of artifacts and products; how they have influenced society from prehistory to present day.

**Department**
Design

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## DESPX 365 - User Experience Research Methods

### Course Information

**Course Number**
365

**Teaching Area**
DESPX

**Course Title**
User Experience Research Methods

**Course Description**
This class offers an in-depth study of user experience research methods and techniques for developing engaging digital products.

**Department**
Design

**When Taught**
Winter

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESPX 261 - User Experience 2

**Additional Comments:**

Additional Comments:

| Title | Tags |
| --- | --- |
| Experiences & Usability Testing | 213699, 0, 1, 2023-08-29 08:41:07 |

**Learning Outcome**
Students will be able to develop design and test concepts that effectively mediate relationships between people and products, environments, and services.

| Title | Tags |
| --- | --- |
| Effective methodology | 213700, 0, 2, 2023-08-29 08:41:09 |

**Learning Outcome**
Students will demonstrate the effective choice of research methods in developing engaging digital products

| Title | Tags |
| --- | --- |
| Evaluation | 213701, 0, 3, 2023-08-29 08:41:10 |

**Learning Outcome**
Students will use digital tools and techniques to measure and evaluate the effectiveness of digital product

| Title | Tags |
| --- | --- |
| Ethics | 213702, 0, 4, 2023-08-29 08:41:12 |

**Learning Outcome**
Students will develop standards for ethical creation of digital tools and patterns

## DESPX 388 - Professional Practice

### Course Information

**Teaching Area (new)**
INDES
**Course Number**
388
**Teaching Area**
DESPX
**Course Title**
Professional Practice
**Course Description**
Business aspects of the design profession.
**Department**
Design
**When Taught**
Fall

**Credit Hours**

## DESPX 394R - Special Topics

### Course Information

**Course Number**
394R
**Teaching Area**
DESPX
**Course Title**
Special Topics
**Course Description**
Advanced studio course offering an in-depth study of a specialized design topic. Explores either a conceptual, practical, or technical requirement within the current discipline, or focuses on a particular project.
**Department**
Design
**When Taught**
Contact Department

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Understanding | 213703, 0, 1, 2023-08-29 08:41:13 |

Learning Outcome
Students should: - Understand the tools needed for a job search; portfolio and its iterations, resume, and cover letters. - Understand and apply principles of networking, contacting, interviewing and negotiating with potential employers. - Understand and apply principles of an effecive and compelling portfolio presentation. - Understand patents, proposals, contracts, and design briefs. - Recognize unethical situations that can arise and how to deal with them.

| Title | Tags |
| --- | --- |
| Application | 213704, 0, 2, 2023-08-29 08:41:14 |

Learning Outcome
Students should be able to: - Create and demonstrate effective job hunting skills and materials

### Credit Hours

Min
1

Fixed
6

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Other Prerequisites
Admission to BFA in User Experience & Product Design (PDX) or other design department BFA with instructor permission

| Title | Tags |
| --- | --- |
| Course-specific outcomes | 213705, 0, 1, 2023-08-29 08:41:16 |

Learning Outcome
Course outcomes are specific to each course section and are developed by the instructor and students.

## DESPX 430R - Product Design Studio 3

### Course Information

Teaching Area (new)
INDES
Course Number
430R
Teaching Area
DESPX
Course Title
Product Design Studio 3
Course Description
Systems design problems from initial research and analysis to final presentation of working drawings and models, with concern for

## DESPX 431R - Collaborative Design Projects

### Course Information

Course Number
431R
Teaching Area
DESPX
Course Title
Collaborative Design Projects
Course Description
This class invites students to collaborate with students from other majors in creating products, experiences, systems, and services

presentation of working drawings and models, with concern for ergonomics, anthropometries, marketing, user and buyer, production, function, and structure.

**Department**
Design

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4.5

**Fixed**
4.5

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DESPX 330R - Product Design Studio 2

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Application | 213707, 0, 2, 2023-08-29 08:41:18 |

**Learning Outcome**
At the end of this course, students will be able to: Write a cogent design project proposal Work with judicious guidance on self-directed project Investigate chosen problem using design methods Demonstrate elevated competence in: design skills, grasp of theory, design methodology

majors in creating products, experiences, systems, and services together. Naturally, students will draw on their domains of expertise, but collaboration in this class should not be limited to each student's discipline. Instead, collaboration should compound their team members' strengths through frequent collaboration, iteration, and validation across disciplines.

**Department**
Design

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
1.5

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Teamwork | 213708, 0, 1, 2023-08-29 08:41:19 |

**Learning Outcome**
Students will effectively leverage teamwork.

| Title | Tags |
| --- | --- |
| Research and testing for validation | 213709, 0, 2, 2023-08-29 08:41:22 |

**Learning Outcome**
Students will be able to use research and testing methodologies to validate strategy and empathize with and address user, customers, citizens' needs.

## DESPX 461 - User Experience Portfolio

### Course Information

**Course Number**
461

## DESPX 489 - Collaborative UX Design: Discovery

### Course Information

**Course Number**

**Teaching Area**
DESPX
**Course Title**
User Experience Portfolio
**Course Description**
This course helps students showcase and design their overall portfolio by pulling together all of the projects created in previous design classes using effective case studies in well-designed websites and presentation decks.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESPX 260 - User Experience 1: Interfaces & Usability
  **AND** DESPX 261 - User Experience 2
  **AND** DESPX 365 - User Experience Research Methods
  **AND** DESGD 362 - Interactive Typographic Systems

**Additional Comments:**

**Recommended**
Students should take this class during their final semester if possible.

| Title | Tags |
|---|---|
| Self-promotion | 213710, 0, 1, 2023-08-29 08:41:23 |

**Learning Outcome**
Students will be able to develop self-promotional and marketing pieces for gaining employment.

| Title | Tags |
|---|---|
| Portfolio | 213711, 0, 2, 2023-08-29 08:41:25 |

**Learning Outcome**
Students will be able to design a portfolio website and presentation files

489
**Teaching Area**
DESPX
**Course Title**
Collaborative UX Design: Discovery
**Course Description**
Students will seek and validate new ideas for their collaborative projects in this course. In addition, they will develop strategies for idea creation and discovery-based research that will inform the more profound study and work they will complete in subsequent Collaborative UX Design classes.
**Department**
Design
**When Taught**
Winter

### Credit Hours

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESGD 362 - Interactive Typographic Systems

**Additional Comments:**

| Title | Tags |
|---|---|
| Research | 213715, 0, 1, 2023-08-29 08:41:30 |

**Learning Outcome**
Students will demonstrate careful research, manifesting skill in identifying key scholarship and ideas.

| Title | Tags |
|---|---|
| Design thinking | 213716, 0, 2, 2023-08-29 08:41:32 |

**Learning Outcome**
Students will learn to employ various modes of forming, reforming, constructing, and deconstructing concepts and will apply methods of design

| Title | Tags |
| --- | --- |
| Editing & Evaluation | 213712, 0, 3, 2023-08-29 08:41:26 |

**Learning Outcome**
Students will be able to edit and evaluate previously completed projects for inclusion, rejection, or refinishing in their own portfolio

| Title | Tags |
| --- | --- |
| Self-directed work calendar | 213713, 0, 4, 2023-08-29 08:41:27 |

**Learning Outcome**
Students will learn to create and demonstrate making effective personal work-product calendars that meet the needs of their portfolio, other courses, overlapping projects, all within course and graduation deadlines.

| Title | Tags |
| --- | --- |
| Design writing & presentation: case studies & projects | 213714, 0, 5, 2023-08-29 08:41:29 |

**Learning Outcome**
Students will be able to showcase their UX and interactive design work in effective case studies and visual projects with engaging visuals and writing

thinking to their research and final project.

| Title | Tags |
| --- | --- |
| Written analysis | 213717, 0, 3, 2023-08-29 08:41:33 |

**Learning Outcome**
Students will demonstrate effective written analysis of their research, showing an ability to evaluate, compare, and interpret ideas.

| Title | Tags |
| --- | --- |
| Idea Evaluation, Validation, & Introspection | 213718, 0, 4, 2023-08-29 08:41:35 |

**Learning Outcome**
Students will evaluate effective ideas for their project through external validation and internal introspection. They will learn, develop, and choose tools and frameworks to help evaluate.

# DESPX 490 - Collaborative UX Design: Research

## Course Information

**Course Number**
490
**Teaching Area**
DESPX
**Course Title**
Collaborative UX Design: Research
**Course Description**
Well-designed interactive products become most successful when they account for the complete context of their creation: from business strategy and brand narrative to well-crafted interfaces and targeted end goals. Consequently, the best products require collaboration between various domains (designers, software engineers, and product managers) working toward a common goal. Every student in this class will gain a rich experience in real-world product creation.

Students are invited to think of themselves as more than designers but as co-founders, not just students but entrepreneurs. For you and your teams, collaboration should not be limited to each member's own domain of expertise and should compound your team members'

# DESPX 497 - Collaborative UX Design: Implementation

## Course Information

**Course Number**
497
**Teaching Area**
DESPX
**Course Title**
Collaborative UX Design: Implementation
**Course Description**
Well-designed interactive products become most successful when they account for the complete context of their creation: from business strategy and brand narrative to well-crafted interfaces and targeted end goals. Consequently, the best products require collaboration between various domains (designers, software engineers, and product managers) working toward a common goal. Every student in this class will gain a rich experience in real-world product creation.

You are invited to think of yourself as more than designers but as co-founders, not just students but entrepreneurs. For you and your teams, collaboration should not be limited to each member's own domain of expertise and should compound your team members' strengths

strengths through frequent collaboration, iteration, and validation.

**Department**
Design

**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESPX 489 - Collaborative UX Design: Discovery
  **AND** DESGD 362 - Interactive Typographic Systems

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Teamwork | 213719, 0, 1, 2023-08-29 08:41:36 |

**Learning Outcome**
Students will effectively leverage cross-discipline team product work.

| Title | Tags |
| --- | --- |
| Design & Code | 213720, 0, 2, 2023-08-29 08:41:37 |

**Learning Outcome**
Students will demonstrate an ability to create work that achieves strategic needs and works within functional coded product.

| Title | Tags |
| --- | --- |
| User research & usability testing | 213721, 0, 3, 2023-08-29 08:41:39 |

**Learning Outcome**
Students will be able to use research and testing methodologies to validate strategy and empathize with and

through frequent collaboration, iteration, and validation.

**Department**
Design

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- DESPX 489 - Collaborative UX Design: Discovery
  **AND** DESPX 490 - Collaborative UX Design: Research

**Additional Comments:**

**Other Prerequisites**
Acceptance to Sandbox is required to join a cross-disciplinary team.

| Title | Tags |
| --- | --- |
| Cross-disciplinary Teamwork | 213723, 0, 1, 2023-08-29 08:41:41 |

**Learning Outcome**
Students will effectively leverage cross-discipline team product work.

| Title | Tags |
| --- | --- |
| Strategic and coded design | 213724, 0, 2, 2023-08-29 08:41:42 |

**Learning Outcome**
Students will demonstrate an ability to create work that achieves strategic needs and works within functional coded product.

| Title | Tags |
| --- | --- |
| Strategy & Storytelling | 213725, 0, 3, 2023-08-29 08:41:44 |

**Learning Outcome**
Students will develop, articulate, and pitch product strategy and

address user needs.

| Title | Tags |
| --- | --- |
| Prototyping | 213722, 0, 4, 2023-08-29 08:41:40 |

**Learning Outcome**
Students will be able to use prototyping tools to clarify interactions and animations that enhance the user experience.

brand storytelling as key elements of design decisions.

| Title | Tags |
| --- | --- |
| Branding & Interfaces | 213726, 0, 4, 2023-08-29 08:41:45 |

**Learning Outcome**
Students will be able to develop strategic brand identities with coordinated interface and visual design systems.

| Title | Tags |
| --- | --- |
| Prototyping for clarity | 213727, 0, 5, 2023-08-29 08:41:46 |

**Learning Outcome**
Students will be able to use prototyping tools to clarify interactions and animations that enhance the user experience.

| Title | Tags |
| --- | --- |
| Validation through research and testing | 213728, 0, 6, 2023-08-29 08:41:47 |

**Learning Outcome**
Students will be able to use research and testing methodologies to validate strategy and empathize with and address user needs.

## DESPX 499R - Directed Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| INDES | 499R |

**Teaching Area**
DESPX
**Course Title**
Directed Studies
**Course Description**
Individual study in current topics of industrial design.
**Department**
Design
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
6

## DIGHT 210 - Introduction to Programming

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DIGHT | 210 |

**Teaching Area**
DIGHT
**Course Title**
Introduction to Programming
**Course Description**
Introduction to fundamental principles and skills of programming and critical problem solving through algorithmic thinking.
**Department**
1013
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

**Lecture Hours**

| Title | Tags |
| --- | --- |
| Knowledge | 213729, 0, 1, 2023-08-29 08:41:49 |

**Learning Outcome**
Students will acquire more experince and knowledge if the Industrial Design industry through close mentorship with the INDES faculty.

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

| Title | Tags |
| --- | --- |
| Information Flow & Structure | 213730, 0, 1, 2023-08-29 08:41:52 |

**Learning Outcome**
Students will be able to model the flow and structure of information between users and application.

| Title | Tags |
| --- | --- |
| Logical Reasoning | 213731, 0, 2, 2023-08-29 08:41:53 |

**Learning Outcome**
Students will be able to reason logically and think critically to solve basic programming problems.

**Title**
From the Abstract to the Concrete

**Tags**
213732, 0, 3, 2023-08-29 08:41:54

**Learning Outcome**
Students will be able to convert abstract design requirements into machine-executable code.

## DIGHT 215 - Introduction to the Digital Humanities

### Course Information

**Teaching Area (new)**
DIGHT

**Course Number**
215

**Teaching Area**
DIGHT

**Course Title**
Introduction to the Digital Humanities

**Course Description**
Introduction to the premises and practices of the Digital Humanities. Exploration of current technology used in Digital Humanities research.

**When Taught**
Fall and Winter

### Credit Hours

**Min**

## DIGHT 230 - Introduction to Print Publishing

### Course Information

**Teaching Area (new)**
DIGHT

**Course Number**
230

**Teaching Area**
DIGHT

**Course Title**
Introduction to Print Publishing

**Course Description**
Introduction to layout and typesetting and their place in the publications process; includes graphic design theory, audience analysis, and basic skills with professional desktop publishing application.

**When Taught**
Fall, Winter, Spring

### Credit Hours

3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Novel Uses for Technology

Tags
199910, 3

Learning Outcome
Students will be able to propose new uses for technology based on unmet needs in the Humanities.

Title
Digital Analysis of the Humanistic

Tags
211853, 0, 4

Learning Outcome
Students will analyze humanities texts and culture using one or more digital methods.

Title
Humanistic Analysis of the Digital

Tags
211854, 0, 5

Learning Outcome
Students will analyze digital texts and culture using humanities perspectives.

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Title
Typesetting's Place in Publishing

Tags
199732, 4

Learning Outcome
Students will situate typesetting and printing within the scope of the publishing process as a whole.

Title
Typesetting Software

Tags
199733, 6

Learning Outcome
Students will master the basic functions of Adobe InDesign for the purpose of typesetting various publications.

Title
Design Principles

Tags
199734, 8

Learning Outcome
Students will use a set of basic design principles (proximity, alignment, repetition, contrast) to improve the quality of their publications in InDesign.

Title
Photo Editing Software

Tags
199735, 10

Learning Outcome
Students will be familiar with Adobe Photoshop and some of its uses in print publishing.

| Title | Tags |
| --- | --- |
| Groupwork | 199837, 11 |

**Learning Outcome**
Students will work effectively in groups to produce high quality printed material.

## DIGHT 250 - Web Publishing

### Course Information

**Teaching Area (new)**
DIGHT

**Course Number**
250

**Teaching Area**
DIGHT

**Course Title**
Web Publishing

**Course Description**
Overview and introduction to web programming as a form of expression. Includes HTML, CSS, and some JavaScript.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| The Context of Web Technologies | 199822, 0, 1 |

**Learning Outcome**
Students will know the history of the world wide web and the current state of its standards.

| Title | Tags |
| --- | --- |
| Website Production | 199736, 0, 4 |

**Learning Outcome**
Students will draft, design, and code static web content, and then post that content to a publicly-

## DIGHT 251 - Web Publishing with HTML

### Course Information

**Course Number**
251

**Teaching Area**
DIGHT

**Course Title**
Web Publishing with HTML

**Course Description**
The fundamentals of web publishing with content management systems and HTML including syntax, validity, media, and accessibility. This 1st-block course may be taken with the 2nd-block course DigHT 252: Web Design with CSS

**Department**
1013

**When Taught**
Contact Department

#### Credit Hours

**Fixed**
1.5

#### Lecture Hours

**Fixed**
1.5

**Note**
DigHT 251 is a first-block class, and students may also enroll in the second-block DigHT 252: Web Design with CSS. Together these classes are equivalent to DigHT 250: Web Publishing. Together they may be substituted in place of DigHT 250 in programs where DigHT 250 is a requirement or an elective.

| Title | Tags |
| --- | --- |
| The Context of Web Technologies | 213733, 0, 1, 2023-08-29 08:42:00 |

**Learning Outcome**
Students will know the history of the world wide web and the current state of its standards.

| Title | Tags |
| --- | --- |
| Website Production | 213734, 0, 2, 2023-08-29 08:42:01 |

**Learning Outcome**
Students will draft, design, and code static web content, and then

accessible web server.

| Title | Tags |
| --- | --- |
| HTML/CSS/JavaScript Skills | 199737, 0, 6 |

**Learning Outcome**
Students will master HTML/CSS syntax, common HTML elements/attributes and CSS properties, and basic skill with JavaScript.

| Title | Tags |
| --- | --- |
| Web Accessibility | 210934, 0, 7 |

**Learning Outcome**
Students will appreciate the need for accessible web content and memorize the fundamental requirements of modern accessibility guidelines.

post that content to a publicly-accessible web server.

| Title | Tags |
| --- | --- |
| HTML Skills | 213735, 0, 3, 2023-08-29 08:42:03 |

**Learning Outcome**
Students will master HTML syntax and HTML elements/attributes.

| Title | Tags |
| --- | --- |
| Web Accessibility | 213736, 0, 4, 2023-08-29 08:42:04 |

**Learning Outcome**
Students will appreciate the need for accessible web content and memorize the fundamental requirements of modern accessibility guidelines.

# DIGHT 252 - Web Design with CSS

## Course Information

**Course Number**
252
**Teaching Area**
DIGHT
**Course Title**
Web Design with CSS
**Course Description**
Web design using Cascading Style Sheets including best practices, current trends, and accessibility standards. This 2nd-block course may be taken with the 1st-block course DigHT 251: Web Publishing with HTML.
**Department**
1013
**When Taught**
Contact Department

### Credit Hours

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

**Note**
DigHT 252 is a second-block class, and students may also enroll in the first-block DigHT 251: Web Publishing with HTML. Together these classes are equivalent to DigHT 250: Web Publishing. Together they may be substituted in place of DigHT 250 in programs where DigHT 250

# DIGHT 260 - Tools for Text Processing and Analysis

## Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DIGHT | 260 |

**Teaching Area**
DIGHT
**Course Title**
Tools for Text Processing and Analysis
**Course Description**
Introduction to tools and techniques suited for use with text analysis, including basic text encoding, text preparation, basic regular expression, and concordance programs.
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

is a requirement or an elective.

| Title | Tags |
| --- | --- |
| Website Production | 213737, 0, 1, 2023-08-29 08:42:06 |

**Learning Outcome**
Students will draft, design, and code static web content, and then post that content to a publicly-accessible web server.

| Title | Tags |
| --- | --- |
| CSS/JavaScript Skills | 213738, 0, 2, 2023-08-29 08:42:07 |

**Learning Outcome**
Students will master CSS syntax, CSS properties, and basic skill with JavaScript.

| Title | Tags |
| --- | --- |
| Web Accessibility | 213739, 0, 3, 2023-08-29 08:42:08 |

**Learning Outcome**
Students will appreciate the need for accessible web content and memorize the fundamental requirements of modern accessibility guidelines.

**Fixed**
0

| Title | Tags |
| --- | --- |
| Text Representation in Computers | 198078, 0, 1 |

**Learning Outcome**
Students will understand how text is represented in computers (e.g., ASCII, Unicode, emojis) and how to resolve issues with character encodings and fonts.

| Title | Tags |
| --- | --- |
| Regular Expressions and Wildcards | 198103, 0, 1 |

**Learning Outcome**
Students will construct regular expressions and wildcards to search for patterns to reformat text and add markup.

| Title | Tags |
| --- | --- |
| Basic Scripting | 211855, 0, 2 |

**Learning Outcome**
Students will be familiar with a scripting language and know how to modify templates for analyzing text files.

| Title | Tags |
| --- | --- |
| Text Analysis Tools | 211856, 0, 3 |

**Learning Outcome**
Students will use tools to analyze texts for word frequency, keywords, collocations, n-grams, and other patterns.

| Title | Tags |
| --- | --- |
| Corpus Design and Creation | 211857, 0, 4 |

**Learning Outcome**
Students will develop a WordCruncher corpus to facilitate research and text analysis.

## DIGHT 270 - Introduction to Localization

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DIGHT | 270 |

## DIGHT 310 - Intermediate Programming

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DIGHT | 310 |

Teaching Area
DIGHT
Course Title
Introduction to Localization
Course Description
Internationalization and localization of websites and software. Introduction to other digital project types. Cultural internationalization and localization. Includes elements of technical internationalization and localization such as locales and regional settings; character encoding, placeholders, logic, etc.
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Four semesters of foreign language or equivalent.

| Title | Tags |
| --- | --- |
| Understanding the field | 199863, 1 |

Learning Outcome
Students will learn the parameters of the emerging field of localization in a context of globalization and be able to recognize potential needs for localization work.

| Title | Tags |
| --- | --- |
| Localization technique and technology | 199864, 2 |

Learning Outcome
Students will demonstrate capacity to practice localization of various technologies.

Teaching Area
DIGHT
Course Title
Intermediate Programming
Course Description
Intermediate topics in programming and applications including media processing, database integration, and APIs.
Department
1013
When Taught
Winter

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DIGHT 210 - Introduction to Programming

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Logical Reasoning | 213740, 0, 1, 2023-08-29 08:42:15 |

Learning Outcome
Students will be able to reason logically and think critically to collaboratively solve significant programming problems.

| Title | Tags |
| --- | --- |
| Advanced Programming Concepts | 213741, 0, 2, 2023-08-29 08:42:17 |

Learning Outcome
Students will understand advanced programming concepts: object orientation, data-driven applications, encapsulation, etc.

**Title**
Databases and Web Services

**Tags**
213742, 0, 3, 2023-08-29 08:42:18

**Learning Outcome**
Students will know how to integrate databases, web services, and basic server side scripting.

**Title**
From the Abstract to the Concrete

**Tags**
213743, 0, 4, 2023-08-29 08:42:20

**Learning Outcome**
Students will be able to convert abstract design requirements into machine-executable code.

## DIGHT 315 - Research in the Digital Humanities

### Course Information

**Teaching Area (new)**
DIGHT

**Course Number**
315

**Teaching Area**
DIGHT

**Course Title**
Research in the Digital Humanities

**Course Description**
Applications of computer technology to research in the Digital Humanities across language and literature, e.g. text processing, data mining, information storage and retrieval, etc.

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

## DIGHT 330 - Print Publishing 2

### Course Information

**Teaching Area (new)**
DIGHT

**Course Number**
330

**Teaching Area**
DIGHT

**Course Title**
Print Publishing 2

**Course Description**
Advanced application of digital layout and typesetting. Includes audience analysis, color theory, and photo preparation.

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DIGHT 215 - Introduction to the Digital Humanities

**Additional Comments:**

**Recommended**
DigHT 260

| Title | Tags |
|---|---|
| Research | 199878, 1 |

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area and conduct research in that area.

| Title | Tags |
|---|---|
| Identify research questions suitable for digital approaches | 211858, 0, 2 |

**Learning Outcome**
Students will identify research questions that are suitable for answering through digital approaches.

| Title | Tags |
|---|---|
| Research collaboratively | 211859, 0, 3 |

**Learning Outcome**
Students will conduct research collaboratively

| Title | Tags |
|---|---|
| Prepare research corpus | 211860, 0, 4 |

**Learning Outcome**
Students will contribute to a research corpus using a variety of digital methods.

Prerequisites

**Complete ALL of the following Courses:**
- DIGHT 230 - Introduction to Print Publishing

**Additional Comments:**

| Title | Tags |
|---|---|
| Criticism of Print | 199858, 1 |

**Learning Outcome**
Students will be able to offer useful and appropriate criticism of printed material.

| Title | Tags |
|---|---|
| Print Design Software | 199859, 2 |

**Learning Outcome**
Students will master advanced techniques in Adobe InDesign including styles, libraries, and indexing.

| Title | Tags |
|---|---|
| Photo Adjustment | 199860, 3 |

**Learning Outcome**
Students will be able to adjust color, exposure, and other visual characteristics of photographs (Adobe Photoshop).

| Title | Tags |
|---|---|
| Typsetting | 199861, 4 |

**Learning Outcome**
Students will be able to typeset professional publications including books and magazines.

## DIGHT 340 - JavaScript Development

### Course Information

**Teaching Area (new)**
DIGHT
**Course Number**
340
**Teaching Area**
DIGHT
**Course Title**
JavaScript Development
**Course Description**
Intermediate-to-advanced JavaScript development tools and methods

## DIGHT 350 - Web Information Technologies

### Course Information

**Teaching Area (new)**
DIGHT
**Course Number**
350
**Teaching Area**
DIGHT
**Course Title**
Web Information Technologies
**Course Description**
Using advanced web applications and services to create dynamic,

including major libraries, frameworks, and project management tools.
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DIGHT 250 - Web Publishing

**Additional Comments:**

| Title | Tags |
| --- | --- |
| JavaScript History, Ecosystem, and Limitations | 210935, 0, 1 |

**Learning Outcome**
Students will know the origins and milestones in the development of JavaScript, the current status of its support, and its major libraries and frameworks. Students will also identify situations in which JavaScript would be a poor choice of tool.

| Title | Tags |
| --- | --- |
| JavaScript Technique | 210936, 0, 2 |

**Learning Outcome**
Students will master the syntax and basic built-in objects and methods of JavaScript and understand the same for several JS frameworks and libraries.

database-driven Web sites. Integrating database methods with web publishing approaches and principles. Techniques for Web-based Digital Humanities applications such as crowd-sourced markup, automatic data visualizations, etc.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
DigHT 250 or instructor approval

| Title | Tags |
| --- | --- |
| Information Schemas | 199844, 0, 4 |

**Learning Outcome**
Students will organize information in various electronic schemas.

| Title | Tags |
| --- | --- |
| Information Extraction | 199742, 0, 4 |

**Learning Outcome**
Students will extract information across a variety of electronic relationships.

| Title | Tags |
| --- | --- |
| Information Routines | 199743, 0, 6 |

**Learning Outcome**
Students will routinize the insertion, extraction, manipulation, and reporting of information.

| Title | Tags |
| --- | --- |
| JavaScript Project Structure | 210937, 0, 3 |

**Learning Outcome**
Students will manage a JavaScript project conceptualized under one or more programming paradigms, and then manage that projects development with industrial tools such as GitHub and Grunt.

## DIGHT 360 - (DigHT-Ling) Programming for Text Processing and Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DIGHT | 360 |

**Teaching Area**
DIGHT
**Course Title**
(DigHT-Ling) Programming for Text Processing and Analysis
**Course Description**
Development of computer applications for research in language and literature (text processing, retrieval, and analysis) in one or more programming languages (e.g., Perl, Python, etc.).
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Locate Complex Patterns and Make Substitutions | 198368, 5 |

**Learning Outcome**
Students will be able to locate complex patterns and make substitutions (e.g., using technologies such as Perl, Python) within texts for the purpose of manipulating and

## DIGHT 390R - Tools Development Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DIGHT | 390R |

**Teaching Area**
DIGHT
**Course Title**
Tools Development Seminar
**Course Description**
Individual or group development of new technological tools with use in the Digital Humanities.
**When Taught**
Contact Department

#### Credit Hours

**Min**
1
**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- DIGHT 250 - Web Publishing

Prerequisites
**Complete ALL of the following Courses:**
- DIGHT 260 - Tools for Text Processing and Analysis

Prerequisites
**Complete ALL of the following Courses:**
- DIGHT 350 - Web Information Technologies

**Additional Comments:**

| Title | Tags |
| --- | --- |

purpose of manipulating and analyzing texts and corpora.

| Title | Tags |
| --- | --- |
| Understanding of Unicode | 198408, 4 |

**Learning Outcome**
Students will have an advanced understanding of Unicode and its advantages over ASCII and other text encoding standards.

| Title | Tags |
| --- | --- |
| Practical Problems | 211861, 0, 6 |

**Learning Outcome**
Students will solve practical problems in text processing, e.g., text encoding conversion, reading/writing files, and corpus management.

| Title | Tags |
| --- | --- |
| Programming Skill | 211862, 0, 7 |

**Learning Outcome**
Students will apply basic programming skills using data structures, control flow statements, and regular expressions.

| Title | Tags |
| --- | --- |
| Python | 211863, 0, 8 |

**Learning Outcome**
Students will use existing Python packages to process and manipulate texts, extract linguistic data, and generate data visualizations.

| Title | Tags |
| --- | --- |
| Formatting Best Practices | 211864, 0, 9 |

**Learning Outcome**
Students will apply code formatting standards to produce well-organized, readable, maintainable code.

| Topical Kowledge | 199862, 1 |
| --- | --- |

**Learning Outcome**
Students will have knowledge regarding the special topic selected by the instructor.

## DIGHT 395R - Digital Humanities Research Seminar

### Course Information

**Teaching Area (new)**
DIGHT

**Course Number**
395R

**Teaching Area**
DIGHT

**Course Title**
Digital Humanities Research Seminar

**Course Description**
Individual or group research of original problems in Digital Humanities research.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DIGHT 215 - Introduction to the Digital Humanities

**Additional Comments:**

| Title | Tags |
|---|---|
| Research | 199851, 1 |

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area and conduct research in that area.

## DIGHT 495R - Digital Humanities Project

### Course Information

**Teaching Area (new)**
DIGHT

**Course Number**
495R

**Teaching Area**
DIGHT

**Course Title**
Digital Humanities Project

**Course Description**
Original research project on open questions within the Digital Humanities field. Content and/or technology advisor is required.

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
Any DigHT 300-level course or instructor approval.

| Title | Tags |
|---|---|
| Work with Clients | 199808, 1 |

**Learning Outcome**
Students will be able to negotiate and meet the demands of a sponsor/client to develop technology solutions.

| Title | Tags |
|---|---|
| Project Proposal | 199812, 0 |

**Learning Outcome**
Students will be able to draft written proposals for products/techniques they hope to develop.

| Title | Tags |
|---|---|
| Solve Problems | 199904, 2 |

**Learning Outcome**
Students will be able to apply their technology skills to solve a real problem they or someone else has.

## DIGHT 496R - Technology Internship

### Course Information

**Teaching Area (new)**

**Course Number**

## DUTCH 100 - Language Study: Dutch

### Course Information

**Teaching Area (new)**

**Course Number**

DIGHT 496R
**Teaching Area**
DIGHT
**Course Title**
Technology Internship
**Course Description**
Sponsored development of technology tools for application within the Digital Humanities (e.g. print or electronic publishing production, courseware/software development, museum/collection/textbase management, language/linguistic tools, etc.). Approval by project sponsor, DigHT Coordinator, and BYU Internship Office are required.
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Any DigHT 300-level course or instructor approval.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Professional Environment | 199744, 1 |

**Learning Outcome**
Students will be able to complete tasks related to DHT skills in a professional environment.

| Title | Tags |
|---|---|
| Professional Level | 199745, 2 |

**Learning Outcome**
Students will be able to apply at least one DHT-related technology at a professional level.

| Title | Tags |
|---|---|
| Professional Traits | 199746, 3 |

**Learning Outcome**
Student will be able to demonstrate professional traits such as promptness, positive

DUTCH 100
**Teaching Area**
DUTCH
**Course Title**
Language Study: Dutch
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Dutch.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 197443, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 197445, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 197447, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

demeanor, well-spokenness, etc.

## DUTCH 101 - First-Year Dutch

### Course Information

**Teaching Area (new)**
DUTCH

**Course Number**
101

**Teaching Area**
DUTCH

**Course Title**
First-Year Dutch

**Course Description**
Beginning speaking, listening, reading, and writing skills in Dutch.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
193254, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
193263, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

## DUTCH 102 - First-Year Dutch

### Course Information

**Teaching Area (new)**
DUTCH

**Course Number**
102

**Teaching Area**
DUTCH

**Course Title**
First-Year Dutch

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Dutch.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DUTCH 101 - First-Year Dutch

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Comprehension

**Tags**
193297, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Writing | 193271, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193280, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Writing | 193306, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193314, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Speaking | 193320, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

## DUTCH 201 - Second-Year Dutch

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DUTCH | 201 |

**Teaching Area**
DUTCH
**Course Title**
Second-Year Dutch
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Ducth.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

## DUTCH 211R - Second-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DUTCH | 211R |

**Teaching Area**
DUTCH
**Course Title**
Second-Year Conversation
**Course Description**
Intermediate listening comprehension and speaking skills in Dutch.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DUTCH 102 - First-Year Dutch

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Vocabulary | 193323, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Elaboration | 193331, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Grammar | 193341, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 193349, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DUTCH 201 - Second-Year Dutch

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Conversation | 193359, 1 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

| Title | Tags |
|---|---|
| Survival Transactions | 193369, 2 |

**Learning Outcome**
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 194560, 3 |

**Learning Outcome**
Be understood by native speakers accustomed to dealing with non-native speakers.

## DUTCH 305 - Language Skills Development: Dutch

### Course Information

**Teaching Area (new)**
DUTCH

**Course Number**
305

**Teaching Area**
DUTCH

**Course Title**
Language Skills Development: Dutch

**Course Description**
Increasing proficiency in one or more of the following Dutch language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197449, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197450, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197451, 3 |

## DUTCH 311R - Third-Year Conversation

### Course Information

**Teaching Area (new)**
DUTCH

**Course Number**
311R

**Teaching Area**
DUTCH

**Course Title**
Third-Year Conversation

**Course Description**
Advanced conversational skills in Dutch.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DUTCH 211R - Second-Year Conversation

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Conversations | 194554, 1 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities and current events; this includes the ability to initiate, maintain, and close conversations and to ask and respond to questions.

| Title | Tags |
|---|---|
| Organized Speech | 194555, 2 |

**Learning Outcome**
Begin to speak in "oral paragraphs."

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

| Title | Tags |
| --- | --- |
| Strategies | 194556, 3 |

Learning Outcome
Apply appropriate strategies to deal with unpredictable language situations.

| Title | Tags |
| --- | --- |
| Pronunciation and Accuracy | 194557, 4 |

Learning Outcome
Be understood by native speakers unaccustomed to dealing with non-native speakers.

## DUTCH 321 - Advanced Grammar: Dutch

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DUTCH | 321 |

Teaching Area
DUTCH
Course Title
Advanced Grammar: Dutch
Course Description
Systematic review of grammar and syntax of Dutch.
Department
Language Studies
When Taught
Contact Department

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Note
Teacher may waive prerequisite based on prior experience

| Title | Tags |
| --- | --- |
| Analyze | 197452, 1 |

Learning Outcome
Analyze target language

## DUTCH 330 - Advanced Language Proficiency Through Cultural Studies: Dutch

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DUTCH | 330 |

Teaching Area
DUTCH
Course Title
Advanced Language Proficiency Through Cultural Studies: Dutch
Course Description
Study of Dutch culture using interpersonal, presentational, and interpretive skills in the target language.
Department
Language Studies
When Taught
Contact Department

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197453, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197454, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

| Title | Tags |
| --- | --- |
| Communication Skills | 197455, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 197456, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197457, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197458, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## DUTCH 340 - Introduction to Dutch Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DUTCH | 340 |

**Teaching Area**
DUTCH
**Course Title**

## DUTCH 350 - Advanced Language Study for Career Purposes: Dutch

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| DUTCH | 350 |

**Teaching Area**
DUTCH
**Course Title**

Introduction to Dutch Literature

**Course Description**
Readings from the best Dutch literature. Introduction to basic literary concepts.

**Department**
Language Studies

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Dutch 201 or foreign residence

| Title | Tags |
|---|---|
| Context | 191538, 4 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 191539, 6 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

| Title | Tags |
|---|---|
| Recognize and Analyze | 193085, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 193137, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most

Advanced Language Study for Career Purposes: Dutch

**Course Description**
Concentration on Dutch language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DUTCH 330 - Advanced Language Proficiency Through Cultural Studies: Dutch

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197459, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197460, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197461, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197462, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

## EC EN 191 - New Student Seminar

### Course Information

**Teaching Area (new)**
EC EN

**Course Number**
191

**Teaching Area**
EC EN

**Course Title**
New Student Seminar

**Course Description**
Overview of electrical and computer engineering with group and individual design projects.

**Department**
Electrical&Computer Engr

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

## EC EN 192 - Freshman Project

### Course Information

**Course Number**
192

**Teaching Area**
EC EN

**Course Title**
Freshman Project

**Course Description**
Students will complete straightforward engineering projects while learning about basic lab equipment.

**Department**
Electrical&Computer Engr

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Understand ECEn | 180164, 0 |

Learning Outcome
Understand the discipline of electrical and computer engineering and its many roles in the modern technological world.

Fixed
3

Simple Requisites

Co-requisite
Type
Prerequisite

Enroll in the following Courses:
- EC EN 191 - New Student Seminar

Additional Comments:

| Title | Learning Outcome |
| --- | --- |
| Laboratory Equipment | Students will gain basic understanding of laboratory equipment and bee able to operate it. |

| Title | Learning Outcome |
| --- | --- |
| Project | Students will be able to complete engineering projects. |

| Title | Learning Outcome |
| --- | --- |
| Teamwork | Students will be able to contribute to engineering teams in completing engineering projects. |

## EC EN 199R - Academic Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 199R |

Teaching Area
EC EN
Course Title
Academic Internship
Course Description
Work experience evaluated by supervisor and posted on student's transcript.
Department
Electrical&Computer Engr
When Taught
All Semesters/Terms

### Credit Hours

Min
0.5

Fixed
3

Other Prerequisites
Department chair's and internship coordinator's consent

## EC EN 224 - Introduction to Computer Systems

### Course Information

Course Number
224
Teaching Area
EC EN
Course Title
Introduction to Computer Systems
Course Description
Introductory principles of computer systems including binary representation of numbers, binary operations and Boolean arithmetic, C-programming, machine-level representations of programs and data, memory hierarchy, and I/O interfacing and programming. Hands-on experience working with reading and modifying machine-level code.
Department
Electrical&Computer Engr
When Taught
Fall, Winter, Spring

### Credit Hours

Min
3

Department chair's and internship coordinator's consent

**Note**
An APPROVED Internship Application required before adding. See college internship information prior to completing the application.

**Tags**
180186, 1

**Learning Outcome**
Student acquires professional experiences in the discipline.

**Tags**
180274, 3

**Learning Outcome**
Student demonstrates the ability to use reflective thinking to convert professional experience into academic understanding.

**Tags**
180325, 2

**Learning Outcome**
Student demonstrates professional communication skills (report).

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ANY of the following Courses:**
- C S 111 - Introduction to Computer Science
- C S 142 - Introduction to Computer Programming

**Additional Comments:**

**Title**
Binary Representation and Computation

**Tags**
213250, 0, 1, 2023-08-24 14:57:20

**Learning Outcome**
Ability to represent numbers in binary and perform binary operations.

**Title**
C Programming

**Tags**
213251, 0, 2, 2023-08-24 14:57:20

**Learning Outcome**
Ability to program using the 'C' programming language.

**Title**
Machine Representation of Programs

**Tags**
213252, 0, 3, 2023-08-24 14:57:20

**Learning Outcome**
Ability to represent programs in assembly language, translate between 'C' and assembly language, and evaluate security vulnerabilities.

**Title**
Computer Organization

**Tags**
213253, 0, 4, 2023-08-24 14:57:20

**Learning Outcome**
Ability to identify basic computer components, including memory

| | |
|---|---|
| | hierarchy, I/O, and central processing unit (CPU), and explain how these components work together to create a computer system. |

## EC EN 225 - Computer Systems Laboratory

### Course Information

**Course Number**
225
**Teaching Area**
EC EN
**Course Title**
Computer Systems Laboratory
**Course Description**
Experience building complex computer system that interact with humans and computer networks. Practice principles of computer systems and systems programming on a combination of software and hardware.
**Department**
Electrical&Computer Engr
**When Taught**
Fall, Winter, and Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Co-requisite**
**Type**
Prerequisite

**Enroll in the following Courses:**
- EC EN 224 - Introduction to Computer Systems

**Additional Comments:**

| Title | Learning Outcome |
|---|---|
| I/O Programming | Ability to build a system that reliably interacts with I/O hardware devices |

## EC EN 240 - Circuit Analysis and Laboratory

### Course Information

**Teaching Area (new)**
EC EN
**Course Number**
240
**Teaching Area**
EC EN
**Course Title**
Circuit Analysis and Laboratory
**Course Description**
Analysis of electric circuits including transients, sinusoidal steady-state, and power. Includes labs.
**Department**
Electrical&Computer Engr
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- C S 142 - Introduction to Computer Programming
  **AND** MATH 113 - Calculus 2
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

**Complete ALL of the following Courses:**
- MATH 113 - Calculus 2
  **AND** C S 111 - Introduction to Computer Science
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

| | |
|---|---|
| I/O Programming | hardware devices. |

| | |
|---|---|
| Title<br>Network Programming | Learning Outcome<br>Ability to build a system that securely communicates with networked devices. |

| | |
|---|---|
| Title<br>System Building | Learning Outcome<br>Design a complex computer system that handles concurrent tasks. |

**Additional Comments:**

**Other Prerequisites**
Average of B or better in completed Math, Physics & Computer Science courses, or advisor approval.
**Note**
Fee.

| Title | Tags |
|---|---|
| Electronic Circuits | 211926, 0, 1 |

**Learning Outcome**

Ability to analyze simple DC and AC circuits using the basic laws of electronics, phasor analysis, and mathematics.
A basic understanding of diodes, transistors, and operational amplifiers, and how they are used.
The ability to analyze simple first order transient circuits including RL and RC circuits.
A basic understanding of frequency response and its applications.

| Title | Tags |
|---|---|
| Microcontrollers | 211927, 0, 2 |

**Learning Outcome**

Ability to write computer code that implements simple state machines on a microcontroller.
An understanding of analog-to-digital and digital-to-analog converters and their implications for embedded computing.
The ability to interface microcontrollers to a variety of sensors and actuators, including DC and servo motors.

| Title | Tags |
|---|---|
| Instrumentation | 211928, 0, 3 |

**Learning Outcome**

The ability to use electronic instruments to test and debug electronic circuits.

## EC EN 301 - Elements of Electrical Engineering.

## EC EN 320 - Fundamentals of Digital Systems

## Course Information

**Teaching Area (new)**
EC EN

**Course Number**
301

**Teaching Area**
EC EN

**Course Title**
Elements of Electrical Engineering.

**Course Description**
Linear electric circuits, computer organization, and logic circuits for nonmajors.

**Department**
Electrical&Computer Engr

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 113 - Calculus 2

**Additional Comments:**

**Note**
Fee.

**Title**
Microcontrollers

**Tags**
180432, 0, 2

**Learning Outcome**

Ability to write computer code that implements simple state machines on a microcontroller.
An understanding of analog-to-digital and digital-to-analog converters and their implications for embedded computing.
The ability to interface microcontrollers to a variety of sensors and actuators, including

## Course Information

**Course Number**
320

**Teaching Area**
EC EN

**Course Title**
Fundamentals of Digital Systems

**Course Description**
Digital logic: theory, design, and implementation of combinational and sequential logic. Laboratory experience in construction of digital logic circuits.

**Department**
Electrical&Computer Engr

**When Taught**
Winter

### Credit Hours

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- EC EN 224 - Introduction to Computer Systems

**Additional Comments:**

**Title**
Combinational Networks

**Tags**
213744, 0, 1, 2023-08-29 08:43:04

**Learning Outcome**
Ability to design, minimize, and analyze a combinational network.

**Title**
Sequential Networks

**Tags**
213745, 0, 2, 2023-08-29 08:43:05

**Learning Outcome**
Ability to design and analyze a sequential network.

**Title**

**Tags**

sensors and actuators, including DC and servo motors.

| Title | Tags |
| --- | --- |
| Electronic Circuits | 211925, 0, 3 |

**Learning Outcome**

Ability to analyze simple DC and AC circuits using the basic laws of electronics, phasor analysis, and mathematics.
A basic understanding of diodes, transistors, and operational amplifiers, and how they are used.
The ability to analyze simple first order transient circuits including RL and RC circuits.
A basic understanding of frequency response and its applications.

| Title | Tags |
| --- | --- |
| Instrumentation | 180430, 0, 0 |

**Learning Outcome**

The ability to use electronic instruments to test and debug electronic circuits.

| Title | Tags |
| --- | --- |
| Debug | 213746, 0, 3, 2023-08-29 08:43:07 |

**Learning Outcome**

Ability to test and verify a digital system that includes I/O, state machines and combinational networks.

| Title | Tags |
| --- | --- |
| HDL Design | 213747, 0, 4, 2023-08-29 08:43:08 |

**Learning Outcome**

Ability to design combinational and sequential circuits using a modern hardware description language (HDL).

| Title | Tags |
| --- | --- |
| Design Tools | 213748, 0, 5, 2023-08-29 08:43:11 |

**Learning Outcome**

Ability to use modern synthesis and technology mapping tools to implement digital circuits on an FPGA.

## EC EN 330 - Introduction to Embedded System Programming

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 330 |

**Teaching Area**
EC EN
**Course Title**
Introduction to Embedded System Programming
**Course Description**
Understanding the hardware-software interface in an embedded system. Using C and assembly language in device-driver design. Software interfacing to peripherals. Performance and memory issues. Hardware interrupt programming.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

## EC EN 340 - Electronic Circuit Design 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 340 |

**Teaching Area**
EC EN
**Course Title**
Electronic Circuit Design 1
**Course Description**
Analysis and design of electronic circuits with an emphasis on amplifier gain and frequency response.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- C S 235 - Data Structures and Algorithms

**AND**

**Complete ALL of the following Courses:**
- C S 235 - Data Structures and Algorithms

**AND** EC EN 224 - Introduction to Computer Systems

**Additional Comments:**

| Title | Tags |
|---|---|
| Microprocessors | 180141, 3 |

**Learning Outcome**
Ability to understand basic microprocessor architecture

| Title | Tags |
|---|---|
| Software | 180232, 4 |

**Learning Outcome**
Ability to organize software in a complex embedded application

| Title | Tags |
|---|---|
| Specifications | 180298, 0 |

**Learning Outcome**
Ability to read and interpret device specifications

| Title | Tags |
|---|---|
| Interrupts | 180301, 1 |

**Learning Outcome**
Ability to write efficient interrupt service routines

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- EC EN 240 - Circuit Analysis and Laboratory
- MATH 213 - Elementary Linear Algebra
- MATH 215 - Computational Linear Algebra
- PHSCS 220 - Introduction to Electricity and Magnetism

**Additional Comments:**

**Note**
A help session is available; attendance is recommended.

| Title | Tags |
|---|---|
| Communication | 180168, 3 |

**Learning Outcome**
Ability to document engineering/experimental results and to write summary reports.

| Title | Tags |
|---|---|
| Application | 180391, 0 |

**Learning Outcome**
Ability to apply electronic device models to the solution of a circuit problem.

| Title | Tags |
|---|---|
| Knowledge | 206715, 1 |

**Learning Outcome**
Ability to design amplifiers to produce solutions to complex problems.

| Title | Tags |
|---|---|
| Equipment | 206717, 5 |

**Learning Outcome**
Ability to use oscilloscopes, function generators, and DC power supplies to build and test electronic circuit designs

| Title | Tags |
| --- | --- |
| Drivers | 180317, 2 |

Learning Outcome
Ability to write software to communicate with peripherals

| Title | Tags |
| --- | --- |
| Spice | 206718, 6 |

Learning Outcome
Ability to use modeling software (LTSpice) to design electronic circuits.

# EC EN 351 - Fundamentals of Biomedical Engineering

## Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 351 |

**Teaching Area**
EC EN
**Course Title**
Fundamentals of Biomedical Engineering
**Course Description**
This course introduces the fundamental principles and topics of Biomedical Engineering, including Biomechanical Engineering, Biochemical Engineering, Bioinstrumentation, and Medical Imaging.
**Department**
Electrical&Computer Engr
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

# EC EN 360 - Electromagnetic Fields and Waves

## Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 360 |

**Teaching Area**
EC EN
**Course Title**
Electromagnetic Fields and Waves
**Course Description**
Analysis of transmission lines and electromagnetic waves including the development and application of Maxwell's equations.
**Department**
Electrical&Computer Engr
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- EC EN 240 - Circuit Analysis and Laboratory
  **AND** MATH 314 - Calculus of Several Variables
  **AND** MATH 334 - Ordinary Differential Equations
  **AND** MATH 213 - Elementary Linear Algebra

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** MATH 113 - Calculus 2
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** MATH 113 - Calculus 2
  **AND** PHSCS 106 - General Physics 2

**Additional Comments:**

**Other Prerequisites**
Freshman-level Understanding of Biology (for example: BIO 100, BIO 103, MMBIO 221, or CELL 120).

**AND** MATH 215 - Computational Linear Algebra
**AND** PHSCS 220 - Introduction to Electricity and Magnetism

**Additional Comments:**

| Title | Tags |
|---|---|
| Electromagnetic Fields | 180220, 3 |

**Learning Outcome**
Ability to analyze the interaction of electromagnetic fields with structures and materials.

| Title | Tags |
|---|---|
| Mathematics | 180234, 0 |

**Learning Outcome**
Application of differential equations to wave propagation.

| Title | Tags |
|---|---|
| Calculus | 180351, 1 |

**Learning Outcome**
Application of integral multivariate calculus to solve for electromagnetic fields.

| Title | Tags |
|---|---|
| Wave Equations | 180405, 2 |

**Learning Outcome**
Application of complex variables to phasor solutions of wave equations.

## EC EN 380 - Signals and Systems

### Course Information

**Teaching Area (new)**
EC EN
**Course Number**
380
**Teaching Area**
EC EN
**Course Title**
Signals and Systems
**Course Description**
Time and frequency domain analysis of discrete or continuous systems subjected to periodic or nonperiodic input signals.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**

## EC EN 390 - Junior Team Design Project

### Course Information

**Teaching Area (new)**
EC EN
**Course Number**
390
**Teaching Area**
EC EN
**Course Title**
Junior Team Design Project
**Course Description**
Culminating design experience based on skills learned in junior-level courses. Students works in teams to plan, design, and test a project based on the integration of components built in other classes.
**Department**
Electrical&Computer Engr
**When Taught**
Winter

### Credit Hours

4

**Fixed**
4

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- EC EN 240 - Circuit Analysis and Laboratory
  **AND** MATH 334 - Ordinary Differential Equations
  **AND** MATH 213 - Elementary Linear Algebra
  **AND** MATH 215 - Computational Linear Algebra
  **AND** PHSCS 220 - Introduction to Electricity and Magnetism

**Additional Comments:**

**Note**
A help session is available. Attendance is recommended.

| Title | Tags |
|---|---|
| Continuous-Time Convolution Problems | 180147, 3 |

**Learning Outcome**
Application of integral calculus to solve continuous-time convolution problems.

| Title | Tags |
|---|---|
| Continuous-Time LTI System | 180209, 1 |

**Learning Outcome**
Application of integral calculus, differential equations, complex variables, to transform analysis of a continuous-time LTI system.

| Title | Tags |
|---|---|
| Tools | 180330, 6 |

**Learning Outcome**
Ability to use Matlab or similar tools to analyze, model, simulate, and experiment with linear systems.

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
1

## Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- EC EN 330 - Introduction to Embedded System Programming
  **AND** EC EN 340 - Electronic Circuit Design 1
  **AND** EC EN 380 - Signals and Systems

**Additional Comments:**

| Title | Tags |
|---|---|
| Decisions | 180239, 2 |

**Learning Outcome**
Ability to define, understand, and participate in team decision making processes.

| Title | Tags |
|---|---|
| Technology | 180297, 4 |

**Learning Outcome**
Ability to combine new technology with custom built components

| Title | Tags |
|---|---|
| Safety | 180350, 5 |

**Learning Outcome**
Ability to apply safety issues to engineering hardware.

| Title | Tags |
|---|---|
| Design | 180262, 0, 0 |

**Learning Outcome**
Ability to complete a significant

| Title | Tags |
| --- | --- |
| Sampling Theory | 206657, 5 |

**Learning Outcome**
An understanding of the consequences and principles associated with digitally sampling and reconstructing analog signals.

| Title | Tags |
| --- | --- |
| Filter Design | 206658, 7 |

**Learning Outcome**
Ability to interpret and synthesize signals and systems in both the time and frequency domains to meet functional requirements for the junior project.

| Title | Tags |
| --- | --- |
| Laboratory Communication | 206659, 8 |

**Learning Outcome**
Ability to track progress of laboratory experiments following professional lab book practices.

| Title | Tags |
| --- | --- |
| Discrete-Time LTI System | 180204, 0, 2 |

**Learning Outcome**
Application of integral calculus, difference equations, complex variables, to transform analysis of a discrete-time LTI system.

| Title | Tags |
| --- | --- |
| Discrete-Time Convolution Problems | 180256, 0, 4 |

**Learning Outcome**
Application of geometric series and related forms to solve discrete-time convolution problems.

culminating design that draws upon the knowledge gained in prerequisite and concurrently enrolled courses.

| Title | Tags |
| --- | --- |
| Requirements | 180307, 0, 3 |

**Learning Outcome**
Ability to take high level customer requirements, identify from them the specifications a solution must meet, and formulate those specifications as an engineering problem.

## EC EN 391 - Junior Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 391 |

## EC EN 412 - Biomedical Instrumentation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 412 |

EC EN 391

**Teaching Area**
EC EN
**Course Title**
Junior Seminar
**Course Description**
Seminars and colloquia on current topics in electrical and computer engineering, as well as ethics, contemporary issues, and life-long learning.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- EC EN 240 - Circuit Analysis and Laboratory

**Additional Comments:**

**Note**
Attendance and some writing are required.

| Title | Tags |
|---|---|
| Ethics | 207097, 4 |

**Learning Outcome**
An understanding of professional ethics, and the ability to make informed judgements in engineering scenarios.

| Title | Tags |
|---|---|
| Lifelong Learning | 207098, 5 |

**Learning Outcome**
The ability to apply research-based learning strategies for

EC EN 412

**Teaching Area**
EC EN
**Course Title**
Biomedical Instrumentation
**Course Description**
Biomedical instrumentation concepts including signal conditioning, pre-amplification, impedance matching, and transduction. Introduction to biomedical signal sources such as blood oxygenation, biopotentials, and free ion conductivity. Practical biomedical sensor design and construction.
**Department**
Electrical&Computer Engr
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- EC EN 340 - Electronic Circuit Design 1

Prerequisites
**Complete ALL of the following Courses:**
- EC EN 301 - Elements of Electrical Engineering.

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in EC EN 419

lifelong learning.

| Title | Tags |
| --- | --- |
| Leadership and Working in Teams | 207099, 6 |

**Learning Outcome**
The ability to recognize personal leadership attributes, and how those attributes might help or hinder the ability to work effectively in teams.

| Title | Tags |
| --- | --- |
| Professional Preparation | 207100, 7 |

**Learning Outcome**
An understanding of topics that are important for entry into the engineering profession including job placement and hiring, benefits, innovation and entrepreneurship, and intellectual property.

## EC EN 419 - Mentored Projects in Biomedical Engineering

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 419 |

**Teaching Area**
EC EN
**Course Title**
Mentored Projects in Biomedical Engineering
**Course Description**
Experiential learning in complex problems focused on the intersection of Electrical Engineering, Computer Engineering, and Biomedical Engineering.\n
**Department**
Electrical&Computer Engr
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
0

## EC EN 423 - Computer Organization

### Course Information

**Course Number**
423
**Teaching Area**
EC EN
**Course Title**
Computer Organization
**Course Description**
Architecture, organization and design of computer systems, including assembly language programming, computer arithmetic, instruction execution, performance analysis, pipelining, memory hierarchy, and the design of datapath and control logic.
**Department**
Electrical&Computer Engr
**When Taught**
Winter

### Credit Hours

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 351 - Fundamentals of Biomedical Engineering

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in EC EN 412; Instructor consent.

**Lab Hours**

Fixed
3

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- EC EN 320 - Fundamentals of Digital Systems

**OR**

**Additional Comments:**

| Title | Tags |
|---|---|
| Assembly Language | 213749, 0, 1, 2023-08-29 08:43:24 |

**Learning Outcome**
Ability to read and write simple programs in assembly language

| Title | Tags |
|---|---|
| Computer Arithmetic | 213750, 0, 2, 2023-08-29 08:43:25 |

**Learning Outcome**
Ability to perform common binary arithmetic and logic operations

| Title | Tags |
|---|---|
| Processor Organization | 213751, 0, 3, 2023-08-29 08:43:27 |

**Learning Outcome**
Ability to create datapath elements used in instruction execution and the control logic which coordinates them

| Title | Tags |
|---|---|
| Pipelining | 213752, 0, 4, 2023-08-29 08:43:29 |

**Learning Outcome**
Ability to implement pipelining to improve processor performance

| Title | Tags |
|---|---|
| Memory Hierarchy | 213753, 0, 5, 2023-08-29 08:43:31 |

**Learning Outcome**
Understand the operation of caches in computer systems

| Title | Tags |
|---|---|
| Processor Design | 213754, 0, 6, 2023-08-29 08:43:32 |

**Learning Outcome**
Ability to construct RTL-level design of datapath and control elements for a pipelined processor

## EC EN 425 - Real-Time Operating Systems.

### Course Information

**Teaching Area (new)**
EC EN
**Course Number**
425
**Teaching Area**
EC EN
**Course Title**
Real-Time Operating Systems.
**Course Description**
Hardware/software interface, real-time kernel internals, implementation of high-level language constructs, issues in real-time application software development.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- **AND** EC EN 330 - Introduction to Embedded System Programming

**Additional Comments:**

| Title | Tags |
|---|---|
| Interrupt Service Routines | 180411, 0 |

## EC EN 426 - Computer Networks

### Course Information

**Teaching Area (new)**
EC EN
**Course Number**
426
**Teaching Area**
EC EN
**Course Title**
Computer Networks
**Course Description**
Learn the principles and practices of network protocols used on the Internet. Develop software that interfaces with computer networks. Examine networking challenges such as reliability, security, and privacy.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- EC EN 330 - Introduction to Embedded System Programming

**Additional Comments:**

| Title | Tags |
|---|---|
| Networking Principles | 211574, 0, 1, 2021-11-30 12:33:45 |

| Title | Tags |
| --- | --- |
| Interrupt Service Routines | 180411, 0 |

**Learning Outcome**
Ability to design and implement interrupt service routines.

| Title | Tags |
| --- | --- |
| Real-Time Operating System | 180412, 1 |

**Learning Outcome**
Ability to design and implement a real-time operating system.

| Title | Tags |
| --- | --- |
| Real-time Programs | 180413, 2 |

**Learning Outcome**
Ability to design and implement real-time application software.

| Title | Tags |
| --- | --- |
| Concurrent Computing | 180414, 3 |

**Learning Outcome**
Ability to create and debug software based on concurrent processes, addressing challenges such as race conditions on shared resources.

**Learning Outcome**
Identify and explain the layers of the Internet networking stack and its purpose.

| Title | Tags |
| --- | --- |
| Network Programming | 211575, 0, 2, 2021-11-30 12:33:45 |

**Learning Outcome**
Build network programs using socket programming to interface with other computers.

| Title | Tags |
| --- | --- |
| Networking Challenges | 211576, 0, 3, 2021-11-30 12:33:45 |

**Learning Outcome**
Evaluate the challenges and trade-offs associated with building a reliable and secure networking application and protocol.

# EC EN 427 - Embedded Systems

## Course Information

**Teaching Area (new)**
EC EN

**Course Number**
427

**Teaching Area**
EC EN

**Course Title**
Embedded Systems

**Course Description**
Interfacing digital hardware components to an embedded system processor. Developing the hardware-software interface. Developing application software. Using C and assembly language in device-driver design, monitor-debugger, and real-time kernel. Lab.

**Department**
Electrical&Computer Engr

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

# EC EN 433 - Introduction to Robotics and Autonomy

## Course Information

**Course Number**
433

**Teaching Area**
EC EN

**Course Title**
Introduction to Robotics and Autonomy

**Course Description**
In this course, you will learn about the fundamental components of a robotic system and gain hands-on experience developing and debugging a real-world robot. You will also gain a theoretical and practical understanding of essential tools commonly used to develop robotic systems including mathematical concepts (such as coordinate transformations and least-squares optimization), computer vision (pinhole camera models, homography, and basic image processing), planning algorithms (discrete vs continuous, graph search), control theory (PID controllers), and software tools (docker, python, git, and robotics middleware such as ROS).

**Department**
Electrical&Computer Engr

**When Taught**
Fall

### Credit Hours

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
3

Simple Requisites

**Prerequisites**
**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**

- **AND** EC EN 330 - Introduction to Embedded System Programming

**Complete ALL of the following Courses:**

- EC EN 330 - Introduction to Embedded System Programming
  **AND** EC EN 320 - Fundamentals of Digital Systems

**Additional Comments:**

| Title | Tags |
|---|---|
| Interface | 180178, 2 |

Learning Outcome
Ability to interface to a processor or I/O bus.

| Title | Tags |
|---|---|
| System Design | 180248, 1 |

Learning Outcome
System design project integrating custom bus-based digital I/O device.

| Title | Tags |
|---|---|
| Data Sheets | 180295, 3 |

Learning Outcome
Ability to read and interpret device specifications (data sheets) in order to integrate a device within a microprocessor based system.

| Title | Tags |
|---|---|
| Digital I/O device | 180335, 0 |

Fixed
4

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
3

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

**Complete ALL of the following Courses:**

- MATH 213 - Elementary Linear Algebra
  **AND** MATH 215 - Computational Linear Algebra
  **AND** MATH 113 - Calculus 2
  **AND** STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

| Other Prerequisites | Recommended |
|---|---|
| Knowledge of C, C++, or Python programming languages. | MATH 314 |

**Fee**
Approximately $75 lab kit fee
**Note**
A lab fee of approximately $75 is required for this course.

| Title | Learning Outcome |
|---|---|
| Robot Motion Modeling, Odometry, and Coordinate Transformations | Students will gain a fundamental understanding of robot motion modeling, odometry, and coordinate transformations and will be able to apply these tools to track a robot's motion and transform sensor data from one frame to another. |

| Title | Learning Outcome |
|---|---|
| Computer Vision and Robotic Perception | Students will gain a fundamental understanding of computer vision and robotic perception including camera/image modeling, basic image processing, and 3D geometry and will be able to apply these tools to enable a robot to detect its lane. |

Learning Outcome

| | |
|---|---|
| **Learning Outcome**<br>Ability to design a bus-based digital I/O device. | |

| | |
|---|---|
| **Title**<br>PID Control | **Learning Outcome**<br>Students will gain a fundamental understanding of PID control and will be able to apply these tools to enable a robot to control its motion or position to a specified command. |

| | |
|---|---|
| **Title**<br>Robotic Planning and Reasoning | **Learning Outcome**<br>Students will gain a fundamental understanding of robotic planning and reasoning and will be able to apply these tools to determine a course of action in an automated fashion. |

| | |
|---|---|
| **Title**<br>Debug and Analyze a Robotic System | **Learning Outcome**<br>Students will be able to debug and analyze an existing robotic system to determine the purpose of existing components and where things may be modified to enable new behaviors. |

| | |
|---|---|
| **Title**<br>Design a Robotic System | **Learning Outcome**<br>Students will be able to analyze a simple use-case/need and design a robotic system to address the proposed problem. |

## EC EN 445 - Introduction to Mixed-Signal VLSI

### Course Information

**Teaching Area (new)**
EC EN

**Course Number**
445

**Teaching Area**
EC EN

**Course Title**
Introduction to Mixed-Signal VLSI

**Course Description**
VLSI circuit design emphasizing mixed-signal circuits such as D/A and A/D converters, phase-locked loops, S/H circuits. Associated laboratory provides layout-design experience.

**Department**
Electrical&Computer Engr

**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

## EC EN 446 - Power Electronics

### Course Information

**Teaching Area (new)**
EC EN

**Course Number**
446

**Teaching Area**
EC EN

**Course Title**
Power Electronics

**Course Description**
Introduces power electronic converters including ac/dc rectifiers, dc/dc converters and dc/ac inverters. Electronic motors including DC motors and induction motors. The application of power electronic to solar and wind power generation.

**Department**
Electrical&Computer Engr

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- EC EN 340 - Electronic Circuit Design 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Communication | 180227, 3 |

**Learning Outcome**
Ability to write lab reports.

| Title | Tags |
|---|---|
| Circuit Theory | 180305, 0, 0 |

**Learning Outcome**
Ability to analyze fundamentals of transistor circuits including gain, impedance, frequency response, and noise.

| Title | Tags |
|---|---|
| Analog and Mixed-Signal Circuits | 180213, 0, 1 |

**Learning Outcome**
Ability to design and analyze analog and mixed-signal circuits including feedback circuits, references, switched-capacitor circuits, and data converters.

| Title | Tags |
|---|---|
| Technology | 180287, 0, 5 |

**Learning Outcome**
Ability to use modern CAD tools including advanced features.

| Title | Tags |
|---|---|

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- EC EN 301 - Elements of Electrical Engineering.

Prerequisites

**Complete ALL of the following Courses:**
- EC EN 340 - Electronic Circuit Design 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Power Electronics | 206719, 1 |

**Learning Outcome**
Understand the implications of power electronics to power grid systems and electric vehicles.

| Title | Tags |
|---|---|
| Switch mode electronics | 206720, 2 |

**Learning Outcome**
Apply fundamental concepts of switch mode electronics to develop efficient power electronic circuits and components.

| Title | Tags |
|---|---|
| Electric Motors | 206721, 3 |

**Learning Outcome**
Understand the fundamentals of electric motors, including efficiency, derive, and control methods.

| Title | Tags |
|---|---|

| | |
|---|---|
| Industry | 180184, 0, 4 |

**Learning Outcome**
Ability to work with modern CAD tools.

| Title | Tags |
|---|---|
| Moter Drivers | 206722, 4 |

**Learning Outcome**
Apply the concepts of power electronics circuits to control and drive electric motors.

| Title | Tags |
|---|---|
| Power Electronics Testing | 206723, 5 |

**Learning Outcome**
Build, test, and analyze power electronic components in a laboratory setting including DC/DC/ converters, DC/AC inverters, AC/DC rectifiers.

## EC EN 450 - Introduction to Semiconductor Devices

### Course Information

**Teaching Area (new)**
EC EN
**Course Number**
450
**Teaching Area**
EC EN
**Course Title**
Introduction to Semiconductor Devices
**Course Description**
Physics of electronic and optical solid state devices; includes semiconductor materials, bipolar and FET device physics and modeling, optical properties of semiconductors, and lasers.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

## EC EN 452 - Experiments in Integrated Circuit Development

### Course Information

**Teaching Area (new)**
EC EN
**Course Number**
452
**Teaching Area**
EC EN
**Course Title**
Experiments in Integrated Circuit Development
**Course Description**
Measurements of key silicon properties and fabrication of integrated circuits.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
EC En 450 or concurrent enrollment; or Ch En 481 or concurrent enrollment.

**Prerequisites**
**Type**
Prerequisite

**Complete ALL of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated) **OR** CHEM 111 - Principles of Chemistry 1
- EC EN 240 - Circuit Analysis and Laboratory **OR** EC EN 301 - Elements of Electrical Engineering.

**Additional Comments:**

| Title | Tags |
|---|---|
| Charge Transport | 180276, 1 |

**Learning Outcome**
Application of differential equations to charge transport in semiconducting material.

| Title | Tags |
|---|---|
| Model p-n Junctions | 180310, 0 |

**Learning Outcome**
Application of basic physical processes to model p-n junctions.

| Title | Tags |
|---|---|
| Modeling MOS and MOS-related Devices | 206661, 2 |

**Learning Outcome**
Application of the physical properties of device building blocks (pn junctions, metal semiconductor interfaces, MOS structures) to model MOSFET and memory device operation.

| Title | Tags |
|---|---|
| Understanding Microfabrication Technology | 206662, 3 |

**Learning Outcome**
Application of basic microfabrication processes to design semiconductor device fabrication process flows.

| Title | Tags |
|---|---|
| Tools | 180159, 2 |

**Learning Outcome**
Ability to use modern microelectronics fabrication equipment.

| Title | Tags |
|---|---|
| Fabricated Devices | 180243, 0 |

**Learning Outcome**
Ability to analyze and interpret data measured from fabricated devices.

| Title | Tags |
|---|---|
| MOSFET Devices | 180309, 1 |

**Learning Outcome**
Ability to design processes for fabrication of MOSFET devices.

## EC EN 462 - Electromagnetic Radiation and Propagation.

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| EC EN | 462 |

**Teaching Area**

## EC EN 464 - Wireless Communication Circuits

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| EC EN | 464 |

**Teaching Area**

EC EN

**Course Title**

Electromagnetic Radiation and Propagation.

**Course Description**

Electromagnetic and optical theory including guided wave theory, modes, propagation in materials, radiation analysis, antenna analysis, and aperture diffraction.

**Department**

Electrical&Computer Engr

**When Taught**

Fall Term 1.

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- EC EN 360 - Electromagnetic Fields and Waves

**Additional Comments:**

| Title | Tags |
|---|---|
| Electromagnetic Fields & Systems | 180181, 2 |

**Learning Outcome**
Ability to model electromagnetic fields and systems using numerical algorithms and interpret results physically.

| Title | Tags |
|---|---|
| Wave Propagation | 180190, 1 |

**Learning Outcome**
Ability to analyze wave propagation in materials and guiding structures.

EC EN

**Course Title**

Wireless Communication Circuits

**Course Description**

Analysis, design, and fabrication of RF/microwave passive circuit structures, amplifiers, oscillators, and mixers. System concepts, including stability, gain, and noise figure.

**Department**

Electrical&Computer Engr

**When Taught**

Fall Term 2.

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**

ECEn 462 or instructor's consent.

| Title | Tags |
|---|---|
| Microwave Systems | 180142, 0 |

**Learning Outcome**
Ability to function in groups to design and test microwave systems.

| Title | Tags |
|---|---|
| Microwave | 180146, 1 |

**Learning Outcome**
Facility with microwave passive and active structures.

| Title | Tags |
|---|---|
| Skills | 180282, 2 |

**Learning Outcome**
Ability to simulate microwave systems and components.

| Title | Tags |
| --- | --- |
| EM Analysis | 180429, 0 |

**Learning Outcome**
Application of vector differential, integral equation and geometric methods to EM analysis.

## EC EN 466 - Introduction to Optical Engineering

### Course Information

**Teaching Area (new)**
EC EN
**Course Number**
466
**Teaching Area**
EC EN
**Course Title**
Introduction to Optical Engineering
**Course Description**
Introduces principles and practices of optical engineering including optical communications system and components.
**Department**
Electrical&Computer Engr
**When Taught**
Fall Term 2.

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- EC EN 462 - Electromagnetic Radiation and Propagation.

**Additional Comments:**

## EC EN 471 - Machine Learning: Foundations and Applications

### Course Information

**Course Number**
471
**Teaching Area**
EC EN
**Course Title**
Machine Learning: Foundations and Applications
**Course Description**
Introduction to fundamental concepts of machine learning in an engineering context. Students will learn foundational mathematical principles underlying machine learning, select and implement machine learning algorithms, and evaluate and improve the performance of models. Special attention is given to engineering problems, including those involving time series data and dynamical systems.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

#### Credit Hours

**Min**
4
**Fixed**
4

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- STAT 201 - Statistics for Engineers and Scientists

| Title | Tags |
| --- | --- |
| Geometric Optics | 205489, 0, 3 |

**Learning Outcome**
Application of linear algebra to find propagation characteristics in media both isotropic and anisotropic.

| Title | Tags |
| --- | --- |
| Light Generation/Detection | 205487, 0, 1 |

**Learning Outcome**
Application of space-bandwidth analysis to geometric and diffractive resolution problems.

| Title | Tags |
| --- | --- |
| Light Modulation | 205488, 0, 2 |

**Learning Outcome**
Application of differential equations to beam analysis problems.

**AND** MATH 213 - Elementary Linear Algebra
**AND** MATH 215 - Computational Linear Algebra
**AND** C S 111 - Introduction to Computer Science

**Complete ANY of the following:**
These:

No selection provided

**Additional Comments:**

**Recommended**
Senior standing recommended.
**Note**
Laptop recommended.

| Title | Learning Outcome |
| --- | --- |
| Foundations | Learn the mathematical foundations of machine learning and be able to show how they are different than other types of analysis and predictive methods. |

| Title | Learning Outcome |
| --- | --- |
| Model Selection and Implementation | Select and implement fundamental machine learning models to solve problems relevant to electrical and computer engineering fields. |

| Title | Learning Outcome |
| --- | --- |
| Model Evaluation and Improvement | Evaluate and improve the performance of different types of fundamental machine learning models. |

| Title | Learning Outcome |
| --- | --- |
| Engineering Applications | Apply machine learning methods to time series data and dynamical systems. |

## EC EN 475 - Capstone Design 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 475 |

**Teaching Area**
EC EN
**Course Title**
Capstone Design 1
**Course Description**
First semester of a two-semester design experience from conception to manufacturing planning and prototype. Product development process. Economic and manufacturing considerations. Intellectual property agreement required.
**Department**

## EC EN 476 - Capstone Design 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 476 |

**Teaching Area**
EC EN
**Course Title**
Capstone Design 2
**Course Description**
Second semester of a two-semester design experience from conception to manufacturing planning and prototype. Product development process. Economic and manufacturing considerations. Intellectual property agreement required.
**Department**

Electrical&Computer Engr
**When Taught**
Fall

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- EC EN 390 - Junior Team Design Project
  **AND** STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

**Other Prerequisites**
Senior standing (fewer than 30 hours remaining in the program) in electrical engineering, computer engineering, or related disciplines with instructor's consent.
**Note**
EC En 475 and 476 must be taken in consecutive fall and winter semesters.

**Title**
Design Desirability and Transferability

**Tags**
180418, 4

**Learning Outcome**
Understand how artifact checks, performance testing, and validation testing are used to ensure the desirability and transferability of the design at each stage of development.

**Title**
Six Stages of Product Development

**Tags**
206669, 1

**Learning Outcome**
Understand the six stages of development through which

Electrical&Computer Engr
**When Taught**
Winter

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- EC EN 475 - Capstone Design 1

**Additional Comments:**

**Other Prerequisites**
Senior standing (fewer than 30 hours remaining in the program) in electrical engineering, computer engineering, or related disciplines with instructor's consent.
**Note**
EC En 475 and 476 must be taken in consecutive fall and winter semesters.

**Title**
Skills in Product Development Economics and Drawing Review

**Tags**
206676, 1

**Learning Outcome**
Develop skills in product development economics and engineering drawing review and checking.

**Title**
Crucial Design Skills

**Tags**
206677, 2

**Learning Outcome**
Develop and demonstrate a deep understanding in some of the following crucial design skill areas: Planning, Discovering, Creating, Representing, Modeling, Prototyping

development through which designs evolve.

| Title | Tags |
| --- | --- |
| Design Evolution | 206670, 2 |

**Learning Outcome**
Understand how the requirements, tests, and design evolve through each stage of development.

| Title | Tags |
| --- | --- |
| Skills in Product Development, Reporting and Presentation | 206671, 5 |

**Learning Outcome**
Develop skills in project planning, idea generation, prototyping, developing engineering models, and conveying information both in writing and orally.

| Title | Tags |
| --- | --- |
| Organizational Policies | 206672, 6 |

**Learning Outcome**
Understand how to work within organizational policies to accomplish important goals.

| Title | Tags |
| --- | --- |
| Project Teamwork | 206673, 7 |

**Learning Outcome**
Demonstrate the ability to use effective team processes, communication, and conflict resolution skills to enhance team synergy, provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

| Title | Tags |
| --- | --- |
| Analysis and Communication | 206674, 8 |

**Learning Outcome**
As a part of a team, use a real-world problem solving process to develop, solve, and explore appropriate engineering models for your project, and effectively communicate the results of this analysis.

Modeling, Prototyping, Experimenting, Evaluating, Deciding, Conveying.

| Title | Tags |
| --- | --- |
| Team Synergy | 206678, 3 |

**Learning Outcome**
Demonstrate the ability to use effective team processes, communication, and conflict resolution skills to enhance team synergy, provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

| Title | Tags |
| --- | --- |
| Analysis and Communication | 206681, 4 |

**Learning Outcome**
As a part of a team, use a real-world problem solving process to develop, solve, and explore appropriate engineering models for your project, and effectively communicate the results of this analysis.

| Title | Tags |
| --- | --- |
| Project Deliverables | 206680, 0, 5 |

**Learning Outcome**
Apply the understanding and skills from ME EN/EC EN 475 and the other outcomes from ME EN/EC EN 476 while working with a project sponsor in a team setting to produce desirable and transferable designs, while considering public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

| Title | Tags |
| --- | --- |
| Ethics | 209662, 0, 6 |

**Learning Outcome**
Recognize ethical and professional responsibilities in engineering situations and make informed decisions, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

| Title | Tags |
| --- | --- |
| Project Deliverables | 206675, 9 |

**Learning Outcome**
Apply the understanding and skills from other outcomes while working with a project sponsor in a team setting to produce desirable and transferable product information through designing, building, and testing, while considering public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

| Title | Tags |
| --- | --- |
| Network of Design Activities | 206682, 3 |

**Learning Outcome**
Understand how a design network is used to cause the product information to evolve, and how the map can be customized for specific development projects.

## EC EN 483 - (EC En-Me En 431) Design of Control Systems.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 483 |

**Teaching Area**
EC EN
**Course Title**
(EC En-Me En 431) Design of Control Systems.
**Course Description**
Classical frequency response and time domain design of control systems. State-variable control and computer simulation of control systems.
**Department**
Electrical&Computer Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

## EC EN 485 - Introduction to Digital Communication Theory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 485 |

**Teaching Area**
EC EN
**Course Title**
Introduction to Digital Communication Theory
**Course Description**
Analysis and design of digital communications systems in AWGN: signal space concepts, modulation, matched filter and correlation detection, synchronization, performance. Computer-based design exercises.
**Department**
Electrical&Computer Engr
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- EC EN 380 - Signals and Systems

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 335 - Dynamic System Modeling and Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Simulation Models | 180259, 0 |

**Learning Outcome**
The ability to develop (nonlinear) mathematical models of complex dynamic systems.

| Title | Tags |
|---|---|
| Design of PID Control | 180265, 3 |

**Learning Outcome**
The ability to design PID controllers for systems described by linear time-invariant models.

| Title | Tags |
|---|---|
| Design Models | 180286, 1 |

**Learning Outcome**
The ability to simplify those models into linear transfer function and state space representations.

| Title | Tags |
|---|---|
| Design of Loopshaping Control | 180331, 4 |

**Learning Outcome**
The ability to use loopshaping techniques to design frequency domain controllers for systems

**Fixed**
3

## Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- EC EN 380 - Signals and Systems
  **AND** STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

| Title | Tags |
|---|---|
| Digital Communication | 180145, 6 |

**Learning Outcome**
Ability to simulate digital communication systems using Simulink and Matlab.

| Title | Tags |
|---|---|
| Digital Modulation | 180152, 1 |

**Learning Outcome**
Application of linear algebra in describing digital modulation using the constellation representation.

| Title | Tags |
|---|---|
| PLL Loop Filter | 180245, 4 |

**Learning Outcome**
Ability to design the parameters of a PLL loop filter to meet given performance specifications.

| Title | Tags |
|---|---|
| Statistics | 180246, 2 |

**Learning Outcome**
Application of probability and statistics to bit error rate analysis of digital communication systems.

| Title | Tags |
|---|---|
| Matched Filter Techniques | 180293, 5 |

domain controllers for systems described by linear time-invariant models.

**Learning Outcome**
Ability to apply matched filter techniques to detection.

| Title | Tags |
| --- | --- |
| Fourier Transform | 180322, 0 |

**Learning Outcome**
An understanding of the relationship between the Fourier transform of continuous-time signal and the DTFT of its samples.

## EC EN 487 - Introduction to Discrete-Time Signal Processing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 487 |

**Teaching Area**
EC EN
**Course Title**
Introduction to Discrete-Time Signal Processing
**Course Description**
Digital signal processing, fast Fourier transforms, digital filter design, spectrum analysis. Applications in speech processing, SONAR, communications, etc.
**Department**
Electrical&Computer Engr
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## EC EN 490 - Team Design Project

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 490 |

**Teaching Area**
EC EN
**Course Title**
Team Design Project
**Course Description**
Culminating design experience based on skills learned in advanced technical courses. Students work in teams to plan, design, test, and demonstrate a major project.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- EC EN 380 - Signals and Systems
  **AND** STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

| Title | Tags |
|---|---|
| Probability Theory | 180156, 1 |

**Learning Outcome**
Ability to apply principles of probablity theory for analysis and numerical estimation of power spectral densities.

| Title | Tags |
|---|---|
| DSP functions & Algorithms | 180160, 2 |

**Learning Outcome**
Ability to use basic DSP functions and algorithms (i.e., FIR filters, IIR filters, polyphase systems, windows, FFTs, etc.) to formulate and solve engineering problems.

| Title | Tags |
|---|---|
| Experiments | 180254, 3 |

**Learning Outcome**
Ability to perform experiments with real-world signals and DSP systems, including discrete-time filters, spectrum analyzer, acoustic direction finding, etc.

| Title | Tags |
|---|---|
| Tools | 180278, 4 |

**Learning Outcome**
Ability to use software tools such as Matlab (R) to design, implement, and debug DSP functions.

| Title | Tags |
|---|---|
| Application of Mathematics | 180358, 5 |

**Learning Outcome**
Application of integral calculus, discrete math, and complex variables, and transform theory to discrete-time signal processing.

Prerequisites

**Complete ALL of the following Courses:**

- EC EN 340 - Electronic Circuit Design 1
  **AND** EC EN 380 - Signals and Systems

**Additional Comments:**

**Other Prerequisites**
selected 400-level EC En courses, depending on project

| Title | Tags |
|---|---|
| Collaborative Thinking | 180158, 1 |

**Learning Outcome**
Ability to define, understand, and participate in team decision making processes.

| Title | Tags |
|---|---|
| Record Keeping | 180165, 2 |

**Learning Outcome**
Ability to produce and maintain the necessary control documents on a design team.

| Title | Tags |
|---|---|
| Team behavior | 180193, 3 |

**Learning Outcome**
Ability to establish and follow ground rules governing team behavior.

| Title | Tags |
|---|---|
| Presentation Skills | 180217, 4 |

**Learning Outcome**
Ability to give an oral presentation describing a technical design.

| Title | Tags |
|---|---|
| Expectations | 180222, 5 |

**Learning Outcome**
Ability to understand the expectations from other members on a team.

| Title | Tags |
|---|---|
| Design Standards | 180249, 15 |

**Learning Outcome**
Ability to read, interpret, and use published design standards as a part of the design process.

| Title | Tags |
| --- | --- |
| Leadership | 180250, 6 |

**Learning Outcome**
Ability to assign and accept leadership responsibilities on a team.

| Title | Tags |
| --- | --- |
| Team Dynamics | 180261, 7 |

**Learning Outcome**
Ability to understand the different skill sets each team member brings to a team.

| Title | Tags |
| --- | --- |
| Expectations | 180270, 8 |

**Learning Outcome**
Ability to understand the expectations (regarding participation) of each team member.

| Title | Tags |
| --- | --- |
| Project Completion | 180306, 9 |

**Learning Outcome**
Ability to complete a significant culminating design that draws upon the knowledge gained in prerequisite courses.

| Title | Tags |
| --- | --- |
| Public Speaking | 180321, 10 |

**Learning Outcome**
Ability to give an oral presentation describing team progress during a design review.

| Title | Tags |
| --- | --- |
| Leadership Concepts | 180329, 11 |

**Learning Outcome**
An understanding of the principles of leadership and project management.

| Title | Tags |
| --- | --- |
| Written Communication | 180336, 12 |

**Learning Outcome**
Ability to produce a written report describing a technical design

design.

| Title | Tags |
| --- | --- |
| Problem Solving | 180337, 13 |

**Learning Outcome**
Ability to take high level, customer requirements, identify from them the specifications a solution must meet, and formulate those specifications as an engineering problem.

| Title | Tags |
| --- | --- |
| Documentation | 180354, 14 |

**Learning Outcome**
Ability to maintain a team portfolio documenting the design process.

## EC EN 493R - Special Topics in Electrical and Computer Engineering

### Course Information

**Teaching Area (new)**
EC EN

**Course Number**
493R

**Teaching Area**
EC EN

**Course Title**
Special Topics in Electrical and Computer Engineering

**Course Description**
Topics vary. Recent developments in electrical and computer engineering.

**Department**
Electrical&Computer Engr

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
4

**Title**
Special Topics in ECEn

**Tags**
180150, 0

**Learning Outcome**
Ability to understand and apply a diverse range of special topics in electrical and computer engineering.

## EC EN 521 - Introduction to Algorithm Design

### Course Information

**Teaching Area (new)**
EC EN

**Course Number**
521

**Teaching Area**
EC EN

**Course Title**
Introduction to Algorithm Design

**Course Description**
Algorithm analysis, data structures, sorting and searching, graph traversal, weighted graph algorithms, combinational search and heuristic methods, dynamic programming, approximation algorithms, designing algorithms.

**Department**
Electrical&Computer Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
C S 235, C S 236, and EC En 330; or equivalents

**Recommended**
Strong programming skills

**Title**
Understand and apply the following:

**Tags**
180374, 1

**Learning Outcome**
An understanding of well-known algorithms and data structures and the ability to adapt them to solve a variety of computational problems.
The ability to determine the complexity class of algorithms.

## EC EN 522R - Special Topics in Computer

## EC EN 523 - Computer System Reliability

## EC EN 522R - Special Topics in Computer Systems

### Course Information

**Teaching Area (new)**
EC EN

**Course Number**
522R

**Teaching Area**
EC EN

**Course Title**
Special Topics in Computer Systems

**Department**
Electrical&Computer Engr

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Understand and apply the following: | 180371, 0 |

**Learning Outcome**

Understand special topics in signals and systems.

## EC EN 523 - Computer System Reliability

### Course Information

**Teaching Area (new)**
EC EN

**Course Number**
523

**Teaching Area**
EC EN

**Course Title**
Computer System Reliability

**Course Description**
Analysis, modeling, and design of reliable, fault-tolerant computing systems.

**Department**
Electrical&Computer Engr

**When Taught**
Fall Even Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
EC En 320, 324, 370

| Title | Tags |
| --- | --- |
| Reliaiblity Concepts | 180362, 1 |

**Learning Outcome**
Understanding of fundamental reliability concepts and terminology

| Title | Tags |
| --- | --- |
| Reliability Techniques | 180363, 2 |

**Learning Outcome**
Ability to apply common reliability techniques such as redundancy and encoding to improve system reliability

| Title | Tags |
| --- | --- |
| Reliaiblity Analysis | 180364, 3 |

**Learning Outcome**
Ability to mathematically analyze the reliability of

analyze the reliability of computer systems and reliability improving techniques

## EC EN 526 - Wireless Networking

### Course Information

**Teaching Area (new)**
EC EN

**Course Number**
526

**Teaching Area**
EC EN

**Course Title**
Wireless Networking

**Course Description**
Principles and practices of wireless networks, including design, implementation, protocols, and applications. Examination and comparison of popular wireless protocols.

**Department**
Electrical&Computer Engr

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
CS 235, EC En 330, EC En 380; or equivalents.

**Title**
Network Reliability

**Tags**
211577, 0, 1, 2021-11-30 12:34:35

**Learning Outcome**
Be able to design a reliable network communication protocol, dealing with lost and corrupted data.

**Title**
Network Security

**Tags**
211578, 0, 2, 2021-11-30 12:34:35

**Learning Outcome**
Demonstrate the principles of secure communication in

## EC EN 528 - High Performance Parallel Computing

### Course Information

**Teaching Area (new)**
EC EN

**Course Number**
528

**Teaching Area**
EC EN

**Course Title**
High Performance Parallel Computing

**Course Description**
Explore GPU, multi-core and distributed architectures. Programming topics include forms of parallelism, decomposition, scaling issues, data locality, computation patterns, parallel libraries, languages, and performance analysis. Parallel application examples illustrate design principles and potential performance benefits.

**Department**
Electrical&Computer Engr

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
2

**Other Prerequisites**
EC En 330 or equivalent.

**Recommended**
Strong programming skills are required with exposure to C/C++.

**Title**
Architecture

**Tags**
213755, 0, 1, 2023-08-29 08:44:10

**Learning Outcome**
Ability to compare and contrast parallel computing architectures (GPU, SMP, cluster...).

**Title**
Programming models, libraries

**Tags**
213756, 0, 2, 2023-08-29 08:44:11

secure communication in popular wireless protocols and identify common attack vectors.

| Title | Tags |
| --- | --- |
| Wireless Protocol Design | 211579, 0, 3, 2021-11-30 12:34:35 |

**Learning Outcome**
Evaluate the challenges and trade-offs of designing a wireless protocol. Know the design methodology and design decisions of popular wireless protocols.

| Title | Tags |
| --- | --- |
| Wireless Networking Research | 211580, 0, 4, 2021-11-30 12:34:35 |

**Learning Outcome**
Be capable of reading and understanding research papers in the area of wireless networking.

**Learning Outcome**
Ability to write performant software using common parallel computation patterns (vector, matrix, convolution, stencil...).

| Title | Tags |
| --- | --- |
| Application examples | 213757, 0, 3, 2023-08-29 08:44:12 |

**Learning Outcome**
Acquire a practical knowledge of how parallelism is used effectively in a few application examples (design principles).

| Title | Tags |
| --- | --- |
| Labs | 213758, 0, 4, 2023-08-29 08:44:13 |

**Learning Outcome**
Ability to apply benchmarking techniques and profiling tools to analyze application performance (optimization).

## EC EN 536 - Autonomous Aircraft Guidance, Navigation, and Control

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 536 |

**Teaching Area**
EC EN
**Course Title**
Autonomous Aircraft Guidance, Navigation, and Control
**Course Description**
Dynamics of fixed-wing aircraft fight, stability, and control derivatives, longitudinal and lateral control design; state-space control strategies for aircraft; and autonomous aircraft applications.
**Department**
Electrical&Computer Engr
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## EC EN 541 - Active and Passive Filter Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 541 |

**Teaching Area**
EC EN
**Course Title**
Active and Passive Filter Design
**Course Description**
Design methods for electronic filters based on passive components, active components, and integrated circuit components.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

No Requirements

### Lab Hours

Fixed
0

Other Prerequisites
ECEn 340, 380; or equivalents

| Title | Tags |
| --- | --- |
| 4 | 180187, 3 |

Learning Outcome
Learn how to use active circuits, resistors, and capacitors to create desired filter responses with no inductors.

| Title | Tags |
| --- | --- |
| 1 | 180194, 0 |

Learning Outcome
Learn the relationship between transfer function pole and zero locations in the Laplace plane and the frequency response of the circuit.

| Title | Tags |
| --- | --- |
| 2 | 180247, 1 |

Learning Outcome
Learn the form of transfer function to lead to Butterworth, Chebyshev,and linear phase filters.

| Title | Tags |
| --- | --- |
| 5 | 180279, 4 |

Learning Outcome
Become familiar with the latest integrated circuit active synthesis methods.

| Title | Tags |
| --- | --- |
| 3 | 180315, 2 |

Learning Outcome
Be able to design passive LC filters with prescribed transfer functions.

## EC EN 542R - Special Topics in Electronics

### Course Information

Teaching Area (new) | Course Number

## EC EN 543 - CMOS Amplifier Design

### Course Information

Teaching Area (new) | Course Number

EC EN 542R
**Teaching Area**
EC EN
**Course Title**
Special Topics in Electronics
**Department**
Electrical&Computer Engr
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| 1 | 180257, 0 |

**Learning Outcome**
Understand special topics in electronics

EC EN 543
**Teaching Area**
EC EN
**Course Title**
CMOS Amplifier Design
**Course Description**
Factors affecting performance of MOS devices in analog applications. Design of MOS amplifiers, buffers, and comparators.
**Department**
Electrical&Computer Engr
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
ECEn 443 or 445 or equivalent.

| Title | Tags |
|---|---|
| 2 | 180174, 1 |

**Learning Outcome**
Learn how to design components used such as current mirrors in CMOS amplifier design.

| Title | Tags |
|---|---|
| 4 | 180183, 3 |

**Learning Outcome**
Understand the frequency response and stability problems of op amps.

| Title | Tags |
|---|---|
| 1 | 180320, 0 |

**Learning Outcome**
Understand MOSFET operation at an advanced level.

| Title | Tags |
|---|---|
| 5 | 180342, 4 |

| | |
|---|---|
| 3 | 180342, 4 |

**Learning Outcome**
Learn how to compensate op amps to improve stability.

| Title | Tags |
|---|---|
| 3 | 180359, 2 |

**Learning Outcome**
Learn the basic op amp configurations.

## EC EN 548 - Analog CMOS Circuit Design

### Course Information

**Teaching Area (new)**
EC EN

**Course Number**
548

**Teaching Area**
EC EN

**Course Title**
Analog CMOS Circuit Design

**Course Description**
Design of CMOS switched-capacitor circuits, DAC architectures, ADC architectures, Nyquist and oversampling architectures

**Department**
Electrical&Computer Engr

**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
ECEn 443 or 445 or equivalent

| Title | Tags |
|---|---|
| 2 | 180231, 1 |

**Learning Outcome**
Learn how to design comparators, references, charge-transfer amplifiers, and D/A and

## EC EN 549 - VLSI Communication Circuit Design

### Course Information

**Teaching Area (new)**
EC EN

**Course Number**
549

**Teaching Area**
EC EN

**Course Title**
VLSI Communication Circuit Design

**Course Description**
Frequency synthesizers; low-jitter, voltage-controlled oscillators; high Q circuits; clock regeneration; phase-locked loops; frequency discriminators; and radio-on-a-chip concepts.

**Department**
Electrical&Computer Engr

**When Taught**
Spring Term

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
ECEn 443 or 445 or equivalent

| Title | Tags |
|---|---|
| 4. | 180157, 3 |

**Learning Outcome**
Understand the technical

A/D circuits.

| Title | Tags |
| --- | --- |
| 1 | 180233, 0 |

**Learning Outcome**
Learn how to characterize comparators, wideband amplifiers, bandgap references, multipliers, PTAT generators, charge transfer amplifiers, and advanced D/A and A/D circuits.

| Title | Tags |
| --- | --- |
| 3 | 180327, 2 |

**Learning Outcome**
Understand the differences between the BJT Gilbert multiplier and the CMOS Gilbert-like multiplier.

Understand the technical specifications that characterize modern wireless systems.

| Title | Tags |
| --- | --- |
| 1. | 180163, 0 |

**Learning Outcome**
Understand the challenges of designing modern wireless circuits such as wireless local area networks, cell phones, Bluetooth, and other systems.

| Title | Tags |
| --- | --- |
| 3. | 180238, 2 |

**Learning Outcome**
Learn the modulation methods and bandwidth requirements for wireless transceivers.

| Title | Tags |
| --- | --- |
| 2. | 180300, 1 |

**Learning Outcome**
Learn the various architectures of wireless transceivers suited to MOSFET circuit design.

| Title | Tags |
| --- | --- |
| 5. | 180311, 4 |

**Learning Outcome**
Learn how to implement components of wireless systems using MOSFET integrated circuits.

## EC EN 550 - (EC En-Me En) Microelectromechanical Systems (MEMS).

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 550 |

**Teaching Area**
EC EN
**Course Title**
(EC En-Me En) Microelectromechanical Systems (MEMS).
**Course Description**
Design, fabrication, and applications of MEMS. Mechanical properties governing their design and reliability and the processing technologies used to fabricate them.
**Department**
Electrical&Computer Engr
**When Taught**

## EC EN 551 - Introduction to Digital VLSI Circuits

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 551 |

**Teaching Area**
EC EN
**Course Title**
Introduction to Digital VLSI Circuits
**Course Description**
Design of very large-scale integrated circuits for digital systems. CAD tools used extensively to simulate the design and create and verify mask circuits.
**Department**
Electrical&Computer Engr
**When Taught**

When Taught
Winter Odd Years

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Other Prerequisites
EC En 450 or Me En 372 or equivalent

When Taught
Winter Odd Years

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- **AND** EC EN 340 - Electronic Circuit Design 1

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Translate Digital Logic to CMOS Circuits | 180189, 1 |

Learning Outcome
Ability to translate digital logic to CMOS circuits to achieve desired behavior and performance requirements.

| Title | Tags |
| --- | --- |
| CMOS Layout | 180207, 2 |

Learning Outcome
Ability to perform CMOS layout.

| Title | Tags |
| --- | --- |
| Techniques | 180292, 4 |

Learning Outcome
Ability to characterize timing and noise in CMOS circuits.

| Title | Tags |
| --- | --- |

| Tools | 180302, 3 |
|---|---|

Learning Outcome
Ability to use eCAD tools for CMOS design.

| Title | Tags |
|---|---|
| CMOS Circuits | 180334, 0 |

Learning Outcome
Ability to analyze CMOS circuits.

## EC EN 555 - Optoelectronic Devices

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| EC EN | 555 |

Teaching Area
EC EN
Course Title
Optoelectronic Devices
Course Description
Design, operation, and fabrication of modern optoelectronic devices, including photodiodes, photovoltaics, LEDs, and lasers.
Department
Electrical&Computer Engr
When Taught
Winter Even Years

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
2

#### Lab Hours

Fixed
1

Other Prerequisites
ECEn 450 or equivalent or instructor's consent.

| Title | Tags |
|---|---|
| 2. | 180166, 1 |

Learning Outcome
Be familiar with the tools and processes used in fabricating the following optoelectronic components - LEDs, lasers

## EC EN 560 - Electromagnetic Wave Theory

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| EC EN | 560 |

Teaching Area
EC EN
Course Title
Electromagnetic Wave Theory
Course Description
Principles and methods of modern electromagnetic wave theory: anisotropic media, dyadic green functions, Huygen's principle, contour integration methods, asymptotic integration. Applications in radiation and scattering.
Department
Electrical&Computer Engr
When Taught
Winter Even Years

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Other Prerequisites
EC En 462 or equivalent.

| Title | Tags |
|---|---|
| 2. | 180196, 1 |

Learning Outcome
Ability to use Green's function to model radiation

components - LEDs, lasers, photodiodes, and photovoltaics.

| Title | Tags |
| --- | --- |
| 1. | 180208, 0 |

**Learning Outcome**
Use principles of physics to analyze and design the following optoelectronic components – LEDs, lasers, photodiodes, and photovoltaics.

| Title | Tags |
| --- | --- |
| 3. | 180289, 2 |

**Learning Outcome**
Understand metrics of optoelectronics devices and be able to incorporate them into systems for optimal performance.

model radiation.

| Title | Tags |
| --- | --- |
| 1. | 180210, 0 |

**Learning Outcome**
Ability to analyze propagation in media.

| Title | Tags |
| --- | --- |
| 3. | 180324, 2 |

**Learning Outcome**
Ability to apply electromagnetic theorems to boundary value problems.

## EC EN 562 - Integrated Quantum and Classical Photonics

### Course Information

**Teaching Area (new)**
EC EN
**Course Number**
562
**Teaching Area**
EC EN
**Course Title**
Integrated Quantum and Classical Photonics
**Course Description**
Design, fabrication, and analysis of chip-scale optical circuits. Classical and quantum performance characteristics of several circuit components, as well as applications in computing, sensing, and communications. Students will design a custom integrated photonic circuit, which will be fabricated and tested in a silicon foundry during the semester. Students will analyze their measured devices using the tools learned in the class.
**Department**
Electrical&Computer Engr
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**

## EC EN 563 - Numerical Methods for Engineering

### Course Information

**Teaching Area (new)**
EC EN
**Course Number**
563
**Teaching Area**
EC EN
**Course Title**
Numerical Methods for Engineering
**Course Description**
Introduction to numerical methods for engineering. Algorithms for numerical integration, large linear system solutions, finite difference methods, method of moments, and the finite element method, with examples from wave propagation and electromagnetic field theory.
**Department**
Electrical&Computer Engr
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
EC En 462, 466; or equivalents.

| Title | Tags |
| --- | --- |
| 4. | 180199, 3 |

Learning Outcome
Become familiar with the modern test and evaluation tools for fiber optic systems, including the OTDR Time Domain Reflectometer (OTDR), Optical Spectrum Analyzer (OSA), and Optical Oscilloscopes for eye diagram analysis.

| Title | Tags |
| --- | --- |
| 3. | 180236, 2 |

Learning Outcome
Examine a topic of current interest in optical systems and make an oral presentation to the class.

| Title | Tags |
| --- | --- |
| 1. | 180263, 0 |

Learning Outcome
Learn the fundamental properties of optical fiber channels, sources and detectors.

| Title | Tags |
| --- | --- |
| 2. | 180332, 1 |

Learning Outcome
Design an optical fiber system while considering the bandwidth, distance required, and expense.

### Lab Hours

Fixed
0

Other Prerequisites
EC En 462 or equivalent

## EC EN 564 - Radar and Communication Systems

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 564 |

## EC EN 567 - Physical Optics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 567 |

Teaching Area
EC EN

Teaching Area
EC EN
Course Title
Radar and Communication Systems
Course Description
Design and performance of radar and communication systems: radar equation ambiguity functions, modulation, signal detection, link budgets, spread spectrum, system design, and performance trade-offs.
Department
Electrical&Computer Engr
When Taught
Fall Odd Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
EC En 464 or 485; EC En 360 or 462; or instructor's consent.

| Title | Tags |
|---|---|
| 4. | 180161, 3 |

Learning Outcome
Communicate design and analysis concepts.

| Title | Tags |
|---|---|
| 5. | 180216, 4 |

Learning Outcome
Research practical systems.

| Title | Tags |
|---|---|
| 6. | 180253, 5 |

Learning Outcome
Write original reports about practical radar and satellite systems.

| Title | Tags |
|---|---|
| 3. | 180264, 2 |

Learning Outcome

Course Title
Physical Optics
Course Description
Concepts of physical optics. In physical optics the dominant property of light is its wave nature. In this course we use a variety of models, including the scalar wave, electromagnetic wave, and statistical optics models, to examine the phenomena of interference, coherence, polarization, and absorption and dispersion. We learn not only the fundamental aspects of these topics, but also concrete applications that are ubiquitous in the technology of our modern world.
Department
Electrical&Computer Engr
When Taught
Fall Even Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
ECEn 462 or equivalent.

Practice applying system performance and tradeoff techniques for the design of radars and satellite telecommunication systems

| Title | Tags |
| --- | --- |
| 2. | 180284, 1 |

**Learning Outcome**
Understand design and system performance tradeoffs for such systems.

| Title | Tags |
| --- | --- |
| 1. | 180344, 0 |

**Learning Outcome**
Understand the basic concepts in modern surveillance radar and satellite telecommunication systems including the radar ambiguity function, modulation, signal detection, link budgets, spread spectrum, and system design.

## EC EN 568 - Microwave Remote Sensing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 568 |

**Teaching Area**
EC EN
**Course Title**
Microwave Remote Sensing
**Course Description**
Emphasis on space-borne remote sensing of the earth's atmosphere, land, and oceans. Primary methods and applications for both active (radar) and passive (radiometry).
**Department**
Electrical&Computer Engr
**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

## EC EN 576 - Medical Imaging and Image Reconstruction

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EC EN | 576 |

**Teaching Area**
EC EN
**Course Title**
Medical Imaging and Image Reconstruction
**Course Description**
Fundamentals of medical imaging modalities (x-ray, CT, ultrasound, and MRI) from a signals and systems perspective, magnetic resonance physics, medical image reconstruction methods (backprojection, partial-Fourier techniques, parallel imaging, compressed sensing).
**Department**
Electrical&Computer Engr
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

3

### Lab Hours

Fixed
0

Other Prerequisites
Instructor's consent

| Title | Tags |
| --- | --- |
| 2. | 180153, 1 |

Learning Outcome
Understand and experience applications of remote sensing.

| Title | Tags |
| --- | --- |
| 6. | 180169, 5 |

Learning Outcome
Research practical systems.

| Title | Tags |
| --- | --- |
| 5. | 180221, 4 |

Learning Outcome
Communicate research results.

| Title | Tags |
| --- | --- |
| 1. | 180223, 0 |

Learning Outcome
Understand design and system performance tradeoffs for microwave sensors.

| Title | Tags |
| --- | --- |
| 3. | 180241, 2 |

Learning Outcome
Practice applying system performance and tradeoff techniques for the design of radars and satellite telecommunication systems.

| Title | Tags |
| --- | --- |
| 4. | 180269, 3 |

Learning Outcome
Conduct original research in the application of remote sensing.

| Title | Tags |
| --- | --- |
| 7. | 180340, 6 |

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
EC EN 380 or EC EN 351 or instructor permission

| Title | Tags |
| --- | --- |
| Understand and apply the following: | 180373, 1 |

Learning Outcome

Develop a familiarity with the basic biomedical imaging modalities and their history (x-ray, CT, ultrasound, MRI, and nuclear medicine).
Develop a working knowledge of the basic physics, engineering, and instrumentation principles underpinning each modality.
Deepen their understanding of the typical applications for each modality, and of each modality's strengths and weaknesses.
Develop a deep understanding of the physics of MRI, MRI image acquisituion, and reconstruction techniques, and be able to apply that knowledge to the analysis and solution of typical problems arising in MRI image acquisition and reonstruction.

Learning Outcome
Write an original report about a sensor system.

## EC EN 595 - Fundamentals of Patents and Other Intellectual Property

### Course Information

Teaching Area (new)
EC EN

Course Number
595

Teaching Area
EC EN

Course Title
Fundamentals of Patents and Other Intellectual Property

Course Description
Exploration of the basics of patent law and other areas of intellectual property, including trademarks, trade secrets and copyrights. The fundamentals of protecting and formalizing rights to inventions and other intellectual property, both in the United States and internationally. How to operate in an environment composed of your competitors' intellectual property.

Department
Electrical&Computer Engr

When Taught
Fall

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

## EC EN592R - Teaching Experience for ECEn

### Course Information

Course Number
592R

Teaching Area
EC EN

Course Title
Teaching Experience for ECEn

Course Description
Learn teaching techniques and best practices and apply engineering skills and knowledge by mentoring undergraduate students in a class and laboratory setting under the direction of a faculty member.

Department
Electrical&Computer Engr

When Taught
Fall and Winter

### Credit Hours

Min
1

Fixed
3

### Lecture Hours

Fixed
0.5

Title
Teaching and mentoring

Tags
213759, 0, 1, 2023-08-29 08:45:06

Learning Outcome
Develop the ability to teach and mentor students in the discipline

Tags
213760, 0, 2, 2023-08-29 08:45:07

Learning Outcome
Learn to create, administer, and evaluate assessments of learning

## ECE 200 - Foundations of Early Childhood Education

### Course Information

Teaching Area (new)
ECE

Course Number
200

## ECE 202 - Foundations of Child Development

### Course Information

Teaching Area (new)
ECE

Course Number
202

**Teaching Area**
ECE
**Course Title**
Foundations of Early Childhood Education
**Course Description**
This course provides potential teacher candidates with an introduction to early childhood education and includes an opportunity for experiences in a diverse public preschool setting.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Fingerprint/Background Clearance

**Title**
Foundations of Early Childhood Education
**Tags**
212615, 0, 1, 2022-12-20 16:48:58

**Learning Outcome**
Identify the historical and philosophical foundations of early childhood education and public education.

**Title**
Developmentally Appropriate Practice
**Tags**
212616, 0, 2, 2022-12-20 16:48:58

**Learning Outcome**
Explain the core considerations and guiding principles of developmentally appropriate practice in early childhood classrooms including anti-bias practices.

**Title**
Curriculum
**Tags**
212617, 0, 3, 2022-12-20 16:48:58

**Learning Outcome**

**Teaching Area**
ECE
**Course Title**
Foundations of Child Development
**Course Description**
Understanding the development of the whole child including cognitive, social, emotional, linguistic, and physical development and how to apply it to planning, teaching, and assessing children.
**Department**
Teacher Education
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 210 - Human Development

**Additional Comments:**

**Title**
Foundations of Child Development
**Tags**
206951, 1

**Learning Outcome**

Developing Dispositions
Teacher candidates will develop dispositions that are grounded in moral, spiritual, and intellectual understandings that recognize the potential of individual students within the contexts in which they live and develop.
Understanding Child Development
Teacher candidates will understand core issues related to child development. This includes

Describe the curriculum models used in early childhood settings.

| Title | Tags |
| --- | --- |
| Professionalism | 212618, 0, 4, 2022-12-20 16:48:58 |

**Learning Outcome**
Demonstrate the dispositions needed to be an effective early childhood educator.

knowledge about theories of cognitive, linguistic, physical, social, emotional and moral development, and how students develop within the various contexts of early and middle childhood.
Connecting to Classroom Instruction and Assessment
Teacher Candidates will make informed, defensible, and appropriate decisions about classroom instruction and assessment, based on knowledge, that maximizes essential learning and development for all learners.

## ECE 299R - Prek-K Practicum

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ECE | 299R |

**Teaching Area**
ECE
**Course Title**
Prek-K Practicum
**Course Description**
Initial field experience designed to give students opportunities to interact with children (prek-k) and apply skills and knowledge acquired in program courses including developmentally appropriate teaching strategies that meet children's individual learning needs.
**Department**
Teacher Education
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
8

| Other Prerequisites | Recommended |
| --- | --- |
| Fingerprint/Background Check | Concurrent enrollment in ECE 330, ECE 333, ECE 336, IP&T 370 |

## ECE 301 - Physical Education, Health, and Play

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ECE | 301 |

**Teaching Area**
ECE
**Course Title**
Physical Education, Health, and Play
**Course Description**
This course prepares pre-service teachers with an understanding of the foundational motor skills and content specific to physical education and health as they consider play as an important pedagogical approach to support physical and emotional development, health, and wellness.
**Department**
Teacher Education
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Reflective Practice | 212619, 0, 1, 2022-12-20 16:49:44 |

**Learning Outcome**
Observe and reflect with the intent to improve practice.

| Title | Tags |
| --- | --- |
| Child Guidance | 212620, 0, 2, 2022-12-20 16:49:44 |

**Learning Outcome**
Use child guidance strategies to effectively support children's learning.

| Title | Tags |
| --- | --- |
| Learner Development | 212621, 0, 3, 2022-12-20 16:49:44 |

**Learning Outcome**
Apply knowledge of developmentally appropriate practices to support children's development and learning.

| Title | Tags |
| --- | --- |
| Professionalism | 212622, 0, 4, 2022-12-20 16:49:44 |

**Learning Outcome**
Demonstrate appropriate professional behaviors and dispositions (e.g., dress and grooming, attendance and punctuality, positive interactions with mentors, peers, parents, and children, and commitment to the profession).

| Title | Tags |
| --- | --- |
| Nurturing Pedagogy | 212623, 0, 5, 2022-12-20 16:49:44 |

**Learning Outcome**
Design and provide developmentally appropriate instruction and assessment in small and whole group settings.

| Title | Tags |
| --- | --- |
| PE and Health Content | 212624, 0, 1, 2022-12-20 16:55:13 |

**Learning Outcome**
Students will apply foundational knowledge of motor skills and developmentally appropriate practice to prek-3rd grade physical education and health content.

| Title | Tags |
| --- | --- |
| Learning Through Play | 212625, 0, 2, 2022-12-20 16:55:13 |

**Learning Outcome**
Students will apply play-based theory/practice to prek-3rd grade health and physical education curriculum.

| Title | Tags |
| --- | --- |
| Developmentally Appropriate Pedagogy | 212626, 0, 3, 2022-12-20 16:55:13 |

**Learning Outcome**
Students will create and reflect on physical education and health activities using movement and play.

## ECE 322 - Parenting and Child Guidance in Early Childhood

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ECE | 322 |

**Teaching Area**
ECE
**Course Title**

## ECE 323 - Integrated Curriculum in Programs for Young Children

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ECE | 323 |

**Teaching Area**
ECE
**Course Title**

Parenting and Child Guidance in Early Childhood

**Course Description**

Address young children's socio-emotional development in early childhood classrooms. Review theory and research to related peer interactions and parent-child and teacher-student relationships. Develop an understanding of instructional strategies and guidance practices in early childhood classrooms.

**Department**

Teacher Education

**When Taught**

Contact Department

### Credit Hours

**Min**

3

**Fixed**

3

### Lecture Hours

**Fixed**

3

### Lab Hours

**Fixed**

0

**Simple Requisites**

**Prerequisites**

**Type**

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ECE 202 - Foundations of Child Development

**Additional Comments:**

| Title | Tags |
|---|---|
| Parenting and Guidance in ECE | 178900, 1 |

**Learning Outcome**

ECE 322 is currently an inactive course. Learning outcomes will be created when this course is offered.

Integrated Curriculum in Programs for Young Children

**Course Description**

Implementing integrated learning experiences in dance, music, drama, and visual art for the very young, including importance of home, family, and environments on child's aesthetic growth.

**Department**

Teacher Education

**When Taught**

Contact Department

### Credit Hours

**Min**

2

**Fixed**

2

### Lecture Hours

**Fixed**

2

### Lab Hours

**Fixed**

0

**Other Prerequisites**

Admittance to either ECE or El Ed licensing programs. Dual majors, please see advisor

| Title | Tags |
|---|---|
| Cognitive Processes for Learning | 178524, 2 |

**Learning Outcome**

2. The student will understand the cognitive processes associated with various kinds of learning (e.g., critical and creative thinking, problem structuring and problem solving, invention, memorization and recall).

| Title | Tags |
|---|---|
| Factors That Impact Learning | 178525, 1 |

**Learning Outcome**

1. The student will recognize the significance of factors that impact children's learning and development

| Title | Tags |
|---|---|
| Integrated Curriculum and Social/Emotional Development | 178526, 3 |

**Learning Outcome**

3. The student will understand

how an integrated curriculum not only addresses children's cognitive development but how social and emotional development is also incorporated into learning activities.

| Title | Tags |
| --- | --- |
| Integrating Parents and Family | 178527, 4 |

**Learning Outcome**
4. The student will know how to integrate the parents and family into the curriculum.

| Title | Tags |
| --- | --- |
| Understand Instructional Strategies | 178528, 5 |

**Learning Outcome**
5. The student will become aware of the principles and techniques along with advantages and limitations associated with various instructional strategies (e.g., cooperative learning, direct instruction, discovery learning, whole group instruction, independent study and interdisciplinary instruction).

| Title | Tags |
| --- | --- |
| National and State Curriculum | 178529, 6 |

**Learning Outcome**
6. The student will become familiar with the value and use of national and state curriculum standards in developing curriculum.

| Title | Tags |
| --- | --- |
| Evaluating Resources | 178530, 7 |

**Learning Outcome**
7. The student will evaluate teaching resources and curriculum materials for usefulness, relevance and appropriateness in teaching ideas and concepts to young children and develop integrated learning activities (e.g., activity enhancers, learning centers, thematic activities, literature extensions, etc.).

**Title**

| Title | Tags |
| --- | --- |
| Human and Technological Resources | 178531, 8 |

**Learning Outcome**
8. The student will know how to enhance learning through the use of a wide variety of materials as well as human and technological resources (e.g., computers, audiovisual technologies, videotapes and discs,local experts, primary documents and artifacts, texts, reference books, literature and other printresources).

| Title | Tags |
| --- | --- |
| Creating Learning Experiences | 178532, 9 |

**Learning Outcome**
9. The student will create developmentally appropriate learning experiences using integrated curriculum strategies (e.g., project work, curriculum mapping) that encourage and allow children tointegrate knowledge, skills and methods of inquiry from several subject areas and thatmaximize student progress.

| Title | Tags |
| --- | --- |
| Culturally Appropriate Learning Experiences | 178533, 10 |

**Learning Outcome**
10. The student will create culturally appropriate learning experiences for children utilizing integrated curriculum strategies. Understand the importance of a multicultural and anti-bias curriculum.

## ECE 324 - Planning and Management

### Course Information

**Teaching Area (new)**
ECE
**Course Number**
324
**Teaching Area**
ECE
**Course Title**
Planning and Management
**Course Description**
Learning principles, lesson planning, classroom atmosphere, classroom management, professional attitudes and practices.
**Department**
Teacher Education

## ECE 327 - Assessment and Action Research in Early Childhood Programs

### Course Information

**Teaching Area (new)**
ECE
**Course Number**
327
**Teaching Area**
ECE
**Course Title**
Assessment and Action Research in Early Childhood Programs
**Course Description**
Formal and informal assessment strategies and data collection procedures for evaluating children's progress; programs to enhance

Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admittance to ECE program.

**Title**
Assessment Goals, Benefits, and Uses

**Tags**
178848, 1

**Learning Outcome**
Understand the unique goals, benefits, and uses of assessment in early childhood.

**Title**
Appropriate Assessment Tools and Approaches

**Tags**
178849, 2

**Learning Outcome**
Know about and use appropriate assessment tools and approaches to inform teaching.

**Title**
Designing Curricula

**Tags**
178850, 3

**Learning Outcome**
Use their own knowledge, appropriate early learning standards, and other resources to design, implement, and evaluate meaningful, challenging curricula for each child.

learning, individualize instruction, and communicate with others.
**Department**
Teacher Education
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admittance to ECE program

**Title**
Understanding Different Assessments

**Tags**
178534, 2

**Learning Outcome**
2. The student will understand the characteristics, uses, advantages, and limitations of different types of assessments.

**Title**
Understanding Parts of an Assessment

**Tags**
178535, 1

**Learning Outcome**
1. The student will understand major concepts, conditions, and assumptions central to assessment.

**Title**
Using Assessments and Learning Outcomes

**Tags**
178536, 3

**Learning Outcome**
3. The student will select, construct, and use assessment strategies and instruments appropriate to learning outcomes being evaluated and to other diagnostic purposes.

| Title | Tags |
| --- | --- |
| Measurement Theory | 178537, 4 |

**Learning Outcome**
4. The student will understand measurement theory and assessment-related issues, such as validity, reliability, bias and scoring concerns.

| Title | Tags |
| --- | --- |
| Culturally and Developmentally Relevant Assessment | 178538, 5 |

**Learning Outcome**
5. The student will recognize the importance of culturally and developmentally relevant assessment

| Title | Tags |
| --- | --- |
| Formal and Informal Assessments | 178539, 6 |

**Learning Outcome**
5. The student will appropriately use a variety of formal and informal assessment techniques to enhance his or her knowledge of learners, evaluate students' progress and performances and modify teaching and learning strategies.

| Title | Tags |
| --- | --- |
| Self Assessment | 178540, 7 |

**Learning Outcome**
6. The student will use assessment strategies to involve learners in self assessment activities and, when appropriate, to help them become aware of their strengths and needs and to encourage them to set personal goals.

| Title | Tags |
| --- | --- |
| Evaluating Class Activities | 178541, 8 |

**Learning Outcome**
7. The student will evaluate the effect of class activities on both individuals and the class as a whole, collecting information through observation of classroom interactions, questioning and analysis of student work.

| Title | Tags |
| --- | --- |
| Maintaining Records | 178542, 9 |

**Learning Outcome**
8. The student will know how to maintain useful records of student work and performance and will communicate student progress knowledgeably and responsibly.

| Title | Tags |
| --- | --- |
| Partnership with Families and Professionals | 178543, 10 |

**Learning Outcome**
Students will know about communicating regarding assessments with parents and professionals in a manner that develops partnerships and demonstrates professionalism.

## ECE 330 - Social-Emotional Development and Child Guidance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ECE | 330 |

**Teaching Area**
ECE
**Course Title**
Social-Emotional Development and Child Guidance
**Course Description**
The purpose of this course is to gain a foundational understanding of the theories relevant to the development of social relationships and emotional regulation and guidance strategies for teaching prosocial and self-regulation behaviors with children in prek-3rd grade classrooms.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## ECE 331 - Early Childhood Education Developmentally Appropriate Practices Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ECE | 331 |

**Teaching Area**
ECE
**Course Title**
Early Childhood Education Developmentally Appropriate Practices Seminar
**Course Description**
Designing an Early Childhood curriculum based on child development as hands-on experiences are created to meet children's individual learning needs and address contextual factors in the child's life experiences.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**

**Lab Hours**

**Fixed**
0

**Recommended**
Taken concurrently with ECE 333, ECE 336, ECE 338R, & IP&T 370
**Note**
Taken concurrently with ECE 333, ECE 336, ECE 338R.

| Title | Tags |
|---|---|
| Social-Emotional Development Theories | 212627, 0, 1, 2022-12-20 16:55:30 |

**Learning Outcome**
Students will explain the core components of the social/emotional development theories.

| Title | Tags |
|---|---|
| Child Guidance Strategies | 212628, 0, 2, 2022-12-20 16:55:30 |

**Learning Outcome**
Students will evaluate and select appropriate positive guidance strategies for ECE classrooms.

| Title | Tags |
|---|---|
| Individual Differences | 212629, 0, 3, 2022-12-20 16:55:30 |

**Learning Outcome**
Students will create ways to include families and their unique cultures in child guidance.

| Title | Tags |
|---|---|
| Trauma-Informed Teaching | 212630, 0, 4, 2022-12-20 16:55:30 |

**Learning Outcome**
Students will explain strategies used in trauma-informed teaching.

## ECE 332 - Early Childhood Education Developmentally Appropriate Practices Practicum

1

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECE 202 - Foundations of Child Development

**Additional Comments:**

**Other Prerequisites**
ECE 332 concurrently.
**Note**
Due to enrollment constraints, ECE 331 may not be retaken to improve a grade unless approved by the Child and Family Studies Laboratory Steering Committee.

| Title | Tags |
|---|---|
| Developmentally Appropriate Practices Seminar | 178901, 1 |

**Learning Outcome**

Become conversant with developmentally appropriate practice standards published by NAEYC (National Association for the Education of Young Children).
Understand how developmentally appropriate practice applies to making effective educational decisions that benefit children and enhance their growth and development.
Gain a functional understanding of how teachers within a developmental model implement appropriate guidance and classroom management stragegies, create and modify effective learning environments, facilitate and scaffold learning and, develop strategies to meet the diversity of needs in the children and families they serve.

## ECE 333 - Literacy Development I: Teaching Literacy in Early Childhood Classrooms (prek-k)

## Course Information

**Teaching Area (new)**
ECE

**Course Number**
332

**Teaching Area**
ECE

**Course Title**
Early Childhood Education Developmentally Appropriate Practices Practicum

**Course Description**
\tIntitial practicum with young children in designing an Early Childhood curriculum based on a knowledge of child development that meets children's individual learning needs and address contextual factors in the child's life experience.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
8

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ECE 202 - Foundations of Child Development

**Additional Comments:**

**Other Prerequisites**
ECE 331 concurrently.

**Note**
Due to enrollment constraints, ECE 332 may not be retaken to improve a grade unless approved by the Child and Family Studies Laboratory Steering Committee.

**Title**
PreK/K Practicum in Early Childhood

**Tags**
178896, 1

**Learning Outcome**
The practicum student will:

## Course Information

**Teaching Area (new)**
ECE

**Course Number**
333

**Teaching Area**
ECE

**Course Title**
Literacy Development I: Teaching Literacy in Early Childhood Classrooms (prek-k)

**Course Description**
The purpose of this course is for teacher candidates to understand the essential components of literacy including what they are, how they are expected to develop, how they relate to other concepts, and ways to support, teach, and assess this development for young children (prek-k)

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Taken concurrently with ECE 330, ECE 336, and ECE 338R, IP&T 370.\n

**Title**
Essential Components of Literacy Development

**Tags**
212631, 0, 1, 2022-12-20 16:55:46

**Learning Outcome**
Students will demonstrate foundational knowledge of the essential components of literacy development (language, phonological awareness, phonemic awareness, phonics, fluency, vocabulary, comprehension, writing) for all learners (PreK-K) with understanding of how context, culture(s), and experiences influence literacy learning.

**Title**
Assessing Literacy Development

**Tags**
212632, 0, 2, 2022-12-20 16:55:46

**Learning Outcome**

observe and reflect with the intent to improve practice.
use child guidance strategies to effectively support children's learning.
design lessons, provide instruction, and implement appropriate assessments.
apply knowledge of developmentally appropriate practices to support children's development and learning.
demonstrate appropriate professional behaviors and dispositions (e.g., dress and grooming, attendance and punctuality, positive interactions with mentors, peers, parents, and children, and commitment to the profession).

Learning Outcome
Teacher candidates will implement a series of observations, activities, and assessments to learn about the literacy development of a young child and draw upon this data to determine strengths, areas of need, and ways to support literacy learning.

| Title | Tags |
| --- | --- |
| Connecting Theory and Practice | 212633, 0, 3, 2022-12-20 16:55:46 |

Learning Outcome
Teacher candidates will collaborate with colleagues and use a process of ongoing reflection to apply theory and research-based foundational knowledge of literacy development to the early literacy learning of young children.

## ECE 334 - Introduction to Early Childhood Education

### Course Information

**Teaching Area (new)**
ECE
**Course Number**
334
**Teaching Area**
ECE
**Course Title**
Introduction to Early Childhood Education
**Course Description**
This course provides a conceptual framework for understanding the role of the early childhood educator. It examines the development and learning theories of Early Childhood Education as well as current trends, issues, and practices of educating young children.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## ECE 335 - Early Childhood Education Integration Methods

### Course Information

**Teaching Area (new)**
ECE
**Course Number**
335
**Teaching Area**
ECE
**Course Title**
Early Childhood Education Integration Methods
**Course Description**
Methods in designing an early childhood curriculum with attention to hands-on experiences meeting children's individual learning needs and addressing contextual factors in the child's life experiences.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Other Prerequisites
Concurrent enrollment in EL ED 299R or El Ed 399R

| Title | Tags |
| --- | --- |
| Developmental Domains | 212599, 0, 1, 2022-12-20 16:43:10 |

Learning Outcome
Teacher candidates will explain that children develop across six interconnected domains and that there is a general developmental progression in each domain, with differences due to cultural contexts, experiences, and individual variation.

| Title | Tags |
| --- | --- |
| Learning and Development Theories | 212600, 0, 2, 2022-12-20 16:43:10 |

Learning Outcome
Teacher candidates will utilize the learning and development theories that guide ECE pedagogy.

| Title | Tags |
| --- | --- |
| Learning Activities | 212601, 0, 3, 2022-12-20 16:43:10 |

Learning Outcome
Teacher candidates will develop content-accurate, appropriate, and challenging learning activities that actively engage learners in creating new meaning through interactions and experiences, including learning activities involving play.

| Title | Tags |
| --- | --- |
| Cross-disciplinary Integration | 212602, 0, 4, 2022-12-20 16:43:10 |

Learning Outcome
Teacher candidates will integrate cross-disciplinary skills and content into instruction to purposefully engage learners in applying content knowledge.

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- EL ED 213 - Instructional Design and Assessment for all Learners

**Additional Comments:**

Other Prerequisites
Concurrent enrollment in El Ed 332 or ECE 332.

| Title | Tags |
| --- | --- |
| ECE Integration Methods | 178935, 1 |

Learning Outcome

Understand and apply the framework of developmentally appropriate practices.

Understand effective and appropriate methods for supporting young children's growth and development in a classroom setting.

## ECE 336 - Planning and Assessment in Early Childhood Education (Pre K-3)

### Course Information

**Teaching Area (new)**
ECE

**Course Number**
336

**Teaching Area**
ECE

**Course Title**
Planning and Assessment in Early Childhood Education (Pre K-3)

**Course Description**
Learn key instructional principles, instructional strategies, lesson planning procedures that are appropriate and effective when working with young children. Understand formal and informal assessment strategies and data collection procedures for evaluating children's progress, informing instruction, communicating results with key stakeholders.

**Department**
Teacher Education

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
ECE 331 and 332 concurrently.

| Title | Tags | Learning Outcome |
|---|---|---|
| Lessson Planning | 178852, 1 | Use knowledge of child development and appropriate practice to create learning activities. |

## ECE 337 - Family, School, and Community Partnerships in ECE

### Course Information

**Teaching Area (new)**
ECE

**Course Number**
337

**Teaching Area**
ECE

**Course Title**
Family, School, and Community Partnerships in ECE

**Course Description**
Understand policies and processes for partnering with families, schools, and communities of young children in early childhood settings.

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
ECE 331 and ECE 332

| Title | Tags | Learning Outcome |
|---|---|---|
| Partnerships in ECE | 178902, 1 | ECE 337 is currently an inactive course. Learning outcomes will be created when this course is offered. |

## ECE 340 - Literature for Young Children

### Course Information

**Teaching Area (new)**
ECE

**Course Number**
340

## ECE 353 - Emergent Literacy

### Course Information

**Teaching Area (new)**
ECE

**Course Number**
353

ECE 340
Teaching Area
ECE
Course Title
Literature for Young Children
Course Description
This survey course in children's literature is designed to provide teacher candidates with the skills and knowledge necessary to select and use high quality literature in their future prek-3rd grade classrooms.
Department
Teacher Education
When Taught
Fall and Winter

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Genres and Formats | 212634, 0, 1, 2022-12-20 16:56:06 |

Learning Outcome
Students will identify texts for young children by genre and format.

| Title | Tags |
| --- | --- |
| Critiquing Texts | 212635, 0, 2, 2022-12-20 16:56:06 |

Learning Outcome
Students will critique texts according to quality (i.e., literacy artistic), taste, and identify the messages and ideologies they present.

| Title | Tags |
| --- | --- |
| Teaching with Trade Books | 212636, 0, 3, 2022-12-20 16:56:06 |

Learning Outcome
Students will use research-based practices to prepare to teach with trade books and other texts in early childhood settings.

ECE 353
Teaching Area
ECE
Course Title
Emergent Literacy
Course Description
Issues, themes, and practices of literacy instruction for young children (P-3).
Department
Teacher Education
When Taught
Contact Department

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Other Prerequisites
SFL 355 or equivalent

| Title | Tags |
| --- | --- |
| Theories and processes of literacy | 178544, 1 |

Learning Outcome
Explain, compare, and critique theories of reading and writing processes and development with supporting research evidence. (IRA Standard 1.1.1)

| Title | Tags |
| --- | --- |
| Language processes | 178545, 2 |

Learning Outcome
Explain and apply first language acquisition processes that support literacy development across elementary years, e.g., cueing systems, vocabulary, teacher talk. (IRA Standard 1.1.2)

| Title | Tags |
| --- | --- |
| Literacy Processes | 178546, 3 |

Learning Outcome
Explain and apply reading and writing development across

| Title | Tags |
| --- | --- |
| Reading Widely | 212637, 0, 4, 2022-12-20 16:56:06 |

**Learning Outcome**
Students will read a wide variety of chidren's books to develop or redevelop a love of and enthusiasm for reading

writing development across elementary years, e.g., word recognition, language comprehension, strategic knowledge, spelling, qualities of good writing, and reading/writing connections. (IRA Standard 1.1.2)

| Title | Tags |
| --- | --- |
| Second Language and Literacy Acquisition | 178547, 4 |

**Learning Outcome**
Identify and synthesize major milestones in literacy instruction.(IRA Standard 1.2.1)

| Title | Tags |
| --- | --- |
| Historical Foundations | 178548, 5 |

**Learning Outcome**
Identify and synthesize major milestones in literacy instruction.(IRA Standard 1.2.1)

## ECE 355 - Language Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 355 |

**Teaching Area**
ECE
**Course Title**
Language Development
**Course Description**
Overview of how children acquire language, including its relationship to cognitive, neural, and social development; child language development from infancy through adolescence; bilingual language development.
**Department**
Teacher Education
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## ECE 399R - Primary Grade Practicum

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ECE | 399R |

**Teaching Area**
ECE
**Course Title**
Primary Grade Practicum
**Course Description**
Field experience designed to give students opportunities to interact with children (grades 1-3) and apply skills and knowledge acquired in methods courses.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

Fixed
0

| Title | Learning Outcome |
| --- | --- |
| Components of Language | Define the major components of language (syntax, semantic, phonology, morphology, & pragmatics). |
| Cultural Factors of Language Development | Demonstrate knowledge of how cultural factors influence first and second language development. |
| Developmental Sequence of Language Behaviors | Demonstrate knowledge of the developmental sequence of pragmatic, semantic, syntactic, and morphologic language behaviors in production and comprehension modalities. |
| Theories of Language Development | Demonstrate knowledge of the major theories of language development (social interactionist, linguistic, emergentism). |

## ECE 422 - Preschool or Kindergarten Student Teaching

### Lab Hours

Fixed
12

Recommended
Concurrent enrollment with ECE 430, ECE 433, ECE 444, ECCE 446, ECE 447

| Title | Tags | Learning Outcome |
| --- | --- | --- |
| Reflective Practice | 212638, 0, 1, 2022-12-20 16:56:26 | Students will observe and reflect with the intent to improve practice. |
| Child Guidance | 212639, 0, 2, 2022-12-20 16:56:26 | Use child guidance strategies to effectively support children's learning. |
| Nurturing Pedagogy | 212640, 0, 3, 2022-12-20 16:56:26 | Design lessons, provide instruction, and implement appropriate assessments. |
| Content Knowledge | 212641, 0, 4, 2022-12-20 16:56:26 | Apply knowledge from various content courses as they relate to teaching in an early childhood classroom. |
| Learner Development and Differences | 212642, 0, 5, 2022-12-20 16:56:26 | Provide learning experiences that meet students' diverse cognitive styles, cultural backgrounds, and linguistic diversity. |

## ECE 425R - Grades K-3 Student Teaching

## Student Teaching

### Course Information

**Teaching Area (new)**
ECE

**Course Number**
422

**Teaching Area**
ECE

**Course Title**
Preschool or Kindergarten Student Teaching

**Course Description**
Student teaching experience in preschool or kindergarten.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
6

**Fixed**
6

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Other Prerequisites**
All ECE core and professional sequence courses; concurrent enrollment in ECE 426; prior application; requires a major GPA of 2.85; at least a C- grade in methods courses (ECE 324, 327, 356, 361, 363, 365); FBI fingerprint background clearance.

**Title**
Planning and Instruction

**Tags**
178549, 1

**Learning Outcome**
1. The students will observe, plan, teach, assess, and reflect throughout this course as they participate in a PK or K classroom.

**Title**
Reflecting and Evaluating Choices

**Tags**
178550, 2

**Learning Outcome**
2. The student will demonstrate ability to be a reflective practitioner who continually evaluates the effects of his or her choices, and who actively seeks out opportunities to grow professionally.

### Course Information

**Teaching Area (new)**
ECE

**Course Number**
425R

**Teaching Area**
ECE

**Course Title**
Grades K-3 Student Teaching

**Course Description**
Student teaching experience in the primary grades.

**Department**
Teacher Education

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

**Title**
Student Teaching in Early Childhood Classrooms

**Tags**
178897, 0, 1

**Learning Outcome**
The student teacher will:

observe and reflect with the intent to improve practice.
use child guidance strategies to effectively support children's learning.
assume the role of lead teacher for a portion of the student teaching expereince as they design lessons, provide instruction, and implement appropriate assessments.
apply knowledge from various content courses as they relate to teaching in an early childhood classroom.
apply knowledge of developmentally appropriate practices to support children's development and learning.
provide learning experiences that meet students' diverse cogntive styles, cultural backgrounds, and linguistic diveristy.
demonstrate appropriate professional behaviors and dispositions (e.g., dress and grooming, attendance and punctuality, positive interactions with mentors, peers, parents, and children, and commitment to the profession).
complete a PPAT (Praxis

professionally.

Performance Assessment for Teachers) that measures their skills in using contextual factors, planning, assessment, lesson design, interpretation of student performance, and reflection.

## ECE 427 - El Ed/ECE Emphasis Capstone Seminar.

### Course Information

**Teaching Area (new)**
ECE

**Course Number**
427

**Teaching Area**
ECE

**Course Title**
El Ed/ECE Emphasis Capstone Seminar.

**Course Description**
Gaining insight into significant issues in early childhood education, developing a sense of professional ethics, and becoming personally committed to ongoing professional development.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
El Ed majors with an ECE emphasis; concurrent enrollment in ECE student teaching practicum block

**Title**
Reflective practitioner

**Tags**
178551, 1

**Learning Outcome**
The student will be reflective practitioner who continually evaluates the effects of his or her choices, and who actively seeks out opportunities to grow professionally.

## ECE 430 - Families, Schools, and Communities

### Course Information

**Teaching Area (new)**
ECE

**Course Number**
430

**Teaching Area**
ECE

**Course Title**
Families, Schools, and Communities

**Course Description**
The purpose of this course is to examine the principles and practices of building partnerships among families, communities, and schools to support young children's learning and development.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Recommended**
Concurrent enrollment in ECE 433, ECE 438R, ECE 444, ECE 446, and ECE 447

**Title**
Contemporary Families and Communities

**Tags**
212643, 0, 1, 2022-12-20 16:58:29

**Learning Outcome**
Describe contemporary families and communities and their role in children’s development.

| Title | Tags |
| --- | --- |
| Foster relationships | 178552, 2 |

**Learning Outcome**
The student will foster relationships with school colleagues, parents, and agencies in the larger community to support students' learning and well-being.

| Title | Tags |
| --- | --- |
| Family/Community-Centered Practices | 212644, 0, 2, 2022-12-20 16:58:29 |

**Learning Outcome**
Discuss reciprocal relationships with families and communities and apply principles of family-centered and community-centered practices.

| Title | Tags |
| --- | --- |
| Effective Partnerships | 212645, 0, 3, 2022-12-20 16:58:29 |

**Learning Outcome**
Apply a framework for building effective partnerships with families and communities.

| Title | Tags |
| --- | --- |
| Advocacy | 212646, 0, 4, 2022-12-20 16:58:29 |

**Learning Outcome**
Engage in advocating for young children and their families.

## ECE 433 - Teaching Literacy in Early Childhood Classrooms (Pre K-3)

### Course Information

**Teaching Area (new)**
ECE
**Course Number**
433
**Teaching Area**
ECE
**Course Title**
Teaching Literacy in Early Childhood Classrooms (Pre K-3)
**Course Description**
Study instructional practices for teaching children the literacy concepts, skills and strategies they need to learn in Pre K-3rd grade, and assessing, monitoring and evaluating children's literacy knowledge and learning in Pre K-3rd grade.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

## ECE 441 - Early Childhood Education Primary Grade Seminar

### Course Information

**Teaching Area (new)**
ECE
**Course Number**
441
**Teaching Area**
ECE
**Course Title**
Early Childhood Education Primary Grade Seminar
**Course Description**
Gaining insight into significant issues in early childhood education, developing a sense of professional ethics, and becoming personally committed to ongoing professional development.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ECE 333 - Literacy Development I: Teaching Literacy in Early Childhood Classrooms (prek-k)

**Additional Comments:**

| Title | Tags |
|---|---|
| Learner Development | 179066, 1 |

**Learning Outcome**
Teacher candidates will plan and implement primary grade literacy instruction that is linked to student backgrounds across a variety of diverse characteristics. (See ILA Standard 4)

| Title | Tags |
|---|---|
| Literacy Instruction | 179067, 2 |

**Learning Outcome**
Teacher candidates will be able to plan, implement, and reflect on early literacy instruction (prek-3) for whole class, small groups, and individual students (e.g., read aloud, shared reading, guided reading, independent reading, shared writing interactive writing, language experience). (See ILA Standard 2)

| Title | Tags |
|---|---|
| Professional Learning | 179068, 3 |

**Learning Outcome**
Teacher candidates will be able to locate current research-based information in the professional literature (i.e., journal articles, state core curriculum, IRA position statements, books), and consult these professional resources as they pursue the

Fixed
1

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ECE 331 - Early Childhood Education Developmentally Appropriate Practices Seminar

**Additional Comments:**

**Other Prerequisites**
Concurrent with ECE 442

| Title | Tags |
|---|---|
| Professionalism | 178858, 2 |

**Learning Outcome**
Demonstrate professional behaviors and attitudes.

| Title | Tags |
|---|---|
| Child Guidance | 178859, 1 |

**Learning Outcome**
Know and use approrpiate child guidance practices.

| Title | Tags |
|---|---|
| Lesson Plan Implementation and Reflection | 178860, 1 |

**Learning Outcome**
Design, implement, and reflect on a variety of lesson plans.

resources as they pursue the development of their individual professional knowledge and behaviors. (See ILA Standard 6).

## ECE 442 - Primary Grade Practicum

### Course Information

**Teaching Area (new)**
ECE
**Course Number**
442
**Teaching Area**
ECE
**Course Title**
Primary Grade Practicum
**Course Description**
Practicum experience in the primary grades. Field experience designed to give students opportunities to interact with primary children (grades 1-3) and apply skills and knowledge acquired in Pre K-3 methods courses.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
12

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECE 332 - Early Childhood Education Developmentally Appropriate Practices Practicum

**Additional Comments:**

**Other Prerequisites**
ECE 441 concurrently.

## ECE 444 - Teaching Social Studies in Early Childhood Classrooms (prek-3)

### Course Information

**Teaching Area (new)**
ECE
**Course Number**
444
**Teaching Area**
ECE
**Course Title**
Teaching Social Studies in Early Childhood Classrooms (prek-3)
**Course Description**
This course provides students with the content knowledge, classroom methods, assessments, materials, and strategies for effectively teaching culturally responsive Social Studies in prek-3 grade school settings.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Recommended**
Concurrent enrollment with ECE 430, 433, 438R, 446, 447

**Title**
Content Knowledge
**Tags**
212647, 0, 1, 2022-12-20 16:58:48

**Learning Outcome**
Students will identify and recognize democratic principles and practices in the social studies curriculum, in preK-3 classrooms, and in society including the importance of honoring diversity.

| Title | Tags |
| --- | --- |
| Primary Grade Practicum in Early Childhood | 178895, 1 |

**Learning Outcome**
The practicum student will:
observe and reflect with the intent to improve practice.
use child guidance strategies to effectively support children's learning.
design lessons, provide instruction, and implement appropriate assessments.
apply knowledge from various content courses as they relate to teaching in an early childhood classroom.
apply knowledge of developmentally appropriate practices to support children's development and learning.
provide learning experiences that meet students' diverse cogntive styles, cultural backgrounds, and linguistic diveristy.
demonstrate appropriate professional behaviors and dispositions (e.g., dress and grooming, attendance and punctuality, positive interactions with mentors, peers, parents, and children, and commitment to the profession).

| Title | Tags |
| --- | --- |
| Honoring Diversity | 212648, 0, 2, 2022-12-20 16:58:48 |

**Learning Outcome**
Demonstrate the ability to plan and assess developmentally appropriate social studies learning activities using both the state and national standards while ensuring equal access for all students.

| Title | Tags |
| --- | --- |
| Nurturing Pedagogy | 212649, 0, 3, 2022-12-20 16:58:48 |

**Learning Outcome**
Teacher candidates will demonstrate the ability to integrate social studies with other disciplines.

## ECE 445 - Teaching Social Studies in Early Childhood Classrooms (Pre K-3)

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ECE | 445 |

**Teaching Area**
ECE
**Course Title**
Teaching Social Studies in Early Childhood Classrooms (Pre K-3)
**Course Description**
This course will prepare teaching candidates (1) with methods, skills and strategies for teaching social studies to children in grades Pre K-3, (2) to model democratic teaching practices, and (3) to establish democratic classrooms as they prepare children to assume roles as participatory citizens in a democracy.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

## ECE 446 - Teaching Science in Early Childhood Classrooms (Pre K-3)

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ECE | 446 |

**Teaching Area**
ECE
**Course Title**
Teaching Science in Early Childhood Classrooms (Pre K-3)
**Course Description**
Develop the pedagogical knowledge, skills, and dispositions necessary to teach science to young children of various ages, abilities, backgrounds, and exceptionalities.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Concurrent enrollment in ECE 441 and 442.

| Title | Tags |
| --- | --- |
| ECE 445 Course Outcomes | 178889, 1 |

Learning Outcome

Students will demonstrate their understanding of the history, purpose, and current status of social studies in the classroom.
Students will identify and recognize democratic principles and practices in the social studies curriculum, in K-3 classrooms, and in society.
Students will demonstrate the ability to appropriately plan for teaching social studies.
Students will experience and participate in various strategies appropriate for teaching K-3 social studies.

## ECE 447 - Teaching Mathematics in Early Childhood Classrooms (Pre K-3)

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Concurrent enrollment in ECE 441 and 442.

| Title | Tags |
| --- | --- |
| ECE 446 Course Outcomes | 178888, 1 |

Learning Outcome
Teacher candidates will:

evaluate their personal dispositions, development, and growth toward becoming a teacher of science.
identify and describe purposes for teaching science in K-3 classrooms.
explain what science is and how young children learn science, including the knowledge and reasoning skills students must acquire to become proficient in science.
recognize the practices, crosscutting concepts, and core ideas of science and engineering and how they influence science instruction in K-3 classrooms.
plan for science instruction for children of various ages, abilities, backgrounds, and exceptionalities, including how to (a) identify appropriate science content from national standards and state core curricula; (b) apply a variety of appropriate teaching methods and strategies to support science learning; (c) integrate science with other disciplines across the early childhood curriculum; and (d) employ appropriate assessment methods and strategies.

## ECE 493R - Independent Readings or Project

## Course Information

**Teaching Area (new)**
ECE

**Course Number**
447

**Teaching Area**
ECE

**Course Title**
Teaching Mathematics in Early Childhood Classrooms (Pre K-3)

**Course Description**
Study the teaching and learning of early childhood mathematics guided by current principles relating to mathematics content, social interaction, student thinking, and child development.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MTHED 305 - Basic Concepts of Mathematics

**Additional Comments:**

**Other Prerequisites**
ECE 441 and 442 concurrent.

**Title**
ECE 447 Course Outcomes

**Tags**
178887, 1

**Learning Outcome**

Establish mathematics goals that accommodate students' varied mathematical trajectories and align appropriately with state content and practice standards as well as informal and formal assessments of student thinking. Select and/or design worthwhile

## Course Information

**Teaching Area (new)**
ECE

**Course Number**
493R

**Teaching Area**
ECE

**Course Title**
Independent Readings or Project

**Course Description**
Students meet with the instructor to assemble an individualized reading program in Early Childhood Education and agree upon the topic and organization of the course.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Departmental approval

**Title**
Content knowledge

**Tags**
178553, 1

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area.

**Title**
Breadth of knowledge

**Tags**
178554, 2

**Learning Outcome**
Students will explain relationships between key concepts in a specialty area.

mathematical tasks that include varying levels of cognitive demand, thus increasing access to learning.
Design, implement, and evaluate inquiry-based lessons as structured by the Launch-Explore-Summarize (Discuss/Debrief) teaching and learning cycles or sequences.
Anticipate student mathematical thinking (for planning lessons and/or units, orchestrating discourse, questioning, etc.)
Create high levels of mathematical interaction by planning for discussion, questioning, and establishing a supportive classroom environment.
Adapt instruction to address the diverse learning strengths and needs of both groups and individuals.
Assess student learning, both formatively and summatively, using a range of appropriate strategies, and employ the results of assessment in guiding instruction.
Practice professionalism: In commitment to learning to teach, in appearance and demeanor, and in the quality of work submitted.

## ECE 496R - Academic Internship

### Course Information

**Teaching Area (new)**
ECE
**Course Number**
496R
**Teaching Area**
ECE
**Course Title**
Academic Internship
**Course Description**
A full-year classroom teaching internship in the public schools.
**Department**
Teacher Education
**When Taught**
Fall

### Credit Hours

**Min**
12

**Fixed**
12

## ECON 110 - Economic Principles and Problems

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
110
**Teaching Area**
ECON
**Course Title**
Economic Principles and Problems
**Course Description**
Strengths and weaknesses of markets and governments for solving problems of social organization or conflict, including policy response to inflation, unemployment, pollution, poverty, growth, etc.
**Department**
Economics
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
0

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.
Note
NOTE: See Education Student Services for application dates. NOTE: An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Planning and Instruction | 178555, 1 |

Learning Outcome
1. The students will observe, plan, teach, assess, and reflect throughout this course as they participate in an early childhood classroom.

| Title | Tags |
| --- | --- |
| Reflecting and Evaluating Choices | 178556, 2 |

Learning Outcome
2. The student will demonstrate ability to be a reflective practitioner who continually evaluates the effects of his or her choices, and who actively seeks out opportunities to grow professionally.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Econ 110 students will be able to | 181914, 1 |

Learning Outcome

Understand why there are gains from being able to trade and to specialize and, with regard to the latter, be able to explain the difference between comparative advantage and absolute advantage and the importance of comparative advantage in determining what individuals and economies choose to do.
Understand the basic principles of optimization and, in particular, the importance of thinking about "marginal" effects.
Identify and analyze "incentives" and evaluate whether and under what conditions "incentives matter."
Understand the economic model of the behavior of "individuals or entities who have money who want goods or services" (i.e., demand).
Understand the economic model of the behavior of "individuals or entities who have or produce goods or services who want money" (i.e., supply).
Analyze how markets work with regard to 4 and 5 above: prices as incentives; how prices adjust and how demanders and suppliers respond to price changes.
Understand and be able to use the concept of "market equilibrium."
Understand the difference between short run and long run behavior for 4 and 5 above.
Distinguish between and analyze

Distinguish between and analyze short run and long run market adjustments.
Analyze market adjustments using a basic graphical analytical economic model and incorporating 4 through 9 above.
Analyze normative claims for perfectly competitive markets (i.e., "efficiency").
Understand and be able to analyze "market distortions" including: taxes, subsidies, price ceilings, price floors, barriers to entry and prohibited activities using a simple analytical model of supply and demand.
Understand and be able to analyze "market failures" including: market power (monopoly), negative externalities, positive externalities and public goods using a simple analytical model of a supply and demand.
Understand the nature and construction of key macroeconomic data: GDP, real GDP, per capita GDP, per capita real GDP, price indexes (e.g., CPI), money (e.g. M1, M2 etc), labor force and unemployment, Federal deficit, National debt.
Understand the definitions and effects of: inflation/deflation, economic growth/stagnation, business cycles.
Understand the determinants of potential GDP and the growth in potential GDP.
Understand the key elements of, and problems created by, macroeconomic shocks.
Develop a basic understanding of the institutions associated with fiscal policy and monetary policy.
Understand and evaluate fiscal and monetary policy responses to macroeconomic shocks.
Use economics to evaluate the current debates about counter cyclical policies; economic growth policies; and government funding policies (i.e., deficits and debt).

## ECON 199R - Academic Internship

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
199R

**Teaching Area**
ECON

**Course Title**
Academic Internship

**Course Description**
Internship to apply economic analysis.

**Department**
Economics

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Faculty advisor's and department chair's prior written consent

**Note**
NOTE: Not counted toward required major or minor hours. NOTE: An APPROVED Internship Application is required before adding.

**Title**
Students in an academic internship will

**Tags**
181985, 0

**Learning Outcome**
Apply economic analysis to real-world problems while working for an employer in the private, public, or non-profit sectors.

## ECON 210 - Career Preparation Seminar

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
210

**Teaching Area**
ECON

**Course Title**
Career Preparation Seminar

**Course Description**
Discussion of the variety of potential careers for economics majors and how to best prepare for those careers.

**Department**
Economics

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

## ECON 213R - Topics in Economic Analysis

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
213R

**Teaching Area**
ECON

**Course Title**
Topics in Economic Analysis

**Course Description**
Topics vary. Examples include career preparation, monetary and financial history. Check with instructor.

**Department**
Economics

**When Taught**
Contact Department

#### Credit Hours

Min

## ECON 230 - Economic Development and Growth

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
230

**Teaching Area**
ECON

**Course Title**
Economic Development and Growth

**Course Description**
Problems and processes of economic growth and development, emphasizing less-developed nations.

**Department**
Economics

**When Taught**
Contact Department

#### Credit Hours

Min
0.5

Fixed
3

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 110 - Economic Principles and Problems

**Additional Comments:**

**Note**
Those who plan to complete ECON 110 through Independent Study must complete the Independent Study course prior to registering for this course.

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 110 - Economic Principles and Problems

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Econ 230 students will be able to | 181994, 0 |

**Learning Outcome**

Be familiar with the labor and consumption patterns among the world's poor.
Demonstrate an understanding of how modifying the neoclassical assumptions learned in Econ 110 can affect the welfare implications of markets. In particular, how the welfare implications are affected by Externalities and Public Goods Fixed Costs or Increasing Returns Poorly Enforced Property Rights

Analyze the Solow Growth model and its implications for economic growth.
Explain the functioning of the credit and capital market: Gain a basic understanding of econometric methods used in testing economic theories in growth and development.
How it relates to alleviating poverty and stimulating economic growth.
Why it may be prone to information problems and the

implications of those problems.

Discuss the potential role of government in economic development. Especially as it relates to:
Public Goods and Externalities
Enforcing Contracts
Corruption

Explain the importance of labor, health, and education to the lives of those in developing countries and how these fields relate to improving outcomes among the poor.

## ECON 257 - International Trade and Finance

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
257

**Teaching Area**
ECON

**Course Title**
International Trade and Finance

**Course Description**
Economic analysis of the mechanisms, problems, institutions, and policies of trade among countries. Financial and monetary arrangements that facilitate trade.

**Department**
Economics

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

## ECON 378 - Statistics for Economists

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
378

**Teaching Area**
ECON

**Course Title**
Statistics for Economists

**Course Description**
Introduction to data description, visualization, and analysis, including underlying mathematics of probability theory and statistics. Topics include: probability, random variables, density and distribution functions, estimation, and hypothesis testing.

**Department**
Economics

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 110 - Economic Principles and Problems

**Additional Comments:**

**Note**
Those who plan to complete ECON 110 through Independent Study must complete the Independent Study course prior to registering for this course.

| Title | Tags |
|---|---|
| Econ 257 students will be able to: | 181983, 0 |

**Learning Outcome**
Explain the key developments (models) in the intellectual history of the study of the patterns of trade in goods and services from Adam Smith through the present.Broadly discuss the evidence which supports or is contrary to the application of these developments to particular countries and goods and services.Analyze policy within the context of these models in order to gain insights about the patterns of trade.Analyze the gains from international trade with these key models and understand the political economy of trade (who gains and who loses from trade).Analyze the patterns, gains, and losses from international trade (migration) in financial and direct foreign investment and labor migration in the short and long runs.Analyze the reasons for international outsourcing portions of production and the gains and losses from doing so.Identify how trade in goods, services, and capital enter the international income accounts and the balance of payments.Discuss how exchange rates affect trade and how trade, fiscal, and monetary policy affects exchange rates.Explain the essential differences in fiscal and monetary effects for floating and fixed exchange rates.Broadly discuss the development of U.S. trade policy and the world institutions that support international trade and finance.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ECON 110 - Economic Principles and Problems **AND** MATH 112 - Calculus 1

Prerequisites

**Complete ALL of the following Courses:**
- ECON 110 - Economic Principles and Problems **AND** MATH 113 - Calculus 2

**Additional Comments:**

**Note**
If you plan to complete Econ 110 and/or Math 112 through Independent Study, this class cannot be registered for until the Independent Study course is completed.

| Title | Tags |
|---|---|
| Econ 378 students will be able to: | 181915, 1 |

**Learning Outcome**

Demonstrate an understanding of the basic principles and terminology of probability, simple distribution theory, statistics, and matrix algebra in preparation for a successful introduction to econometric methods in Economics 388. These principles and concepts include:

The language, intuition, and notation necessary to understand basic approaches to probability, including basic combinatoric counting techniques, the additive and multiplicative laws of probability, conditional probability and independence, the law of total probability, and Bayes' rule, and to solve basic probability problems using these techniques.
Random variables, both univariate and bivariate, including: distribution functions, density functions, conditional density, expected values, variance, covariance, and correlation coefficients. Specific examples of useful random variables.
Statistics and sampling distributions.
Law of Large Numbers and Central Limit Theorem.
Parameter estimators and their

derivation using the Method of Moments and Method of Maximum Likelihood.
Statistical inference, including the idea of sampling error, sampling distributions, the construction of confidence intervals, and formal hypothesis tests.
Basic matrix theory and the properties of matrix operations, including addition, subtraction, matrix products, matrix determinants, and matrix inversion.

Use these statistical techniques to analyze data in diverse applications.
Recognize the usefulness of statistics in a variety of career fields.

## ECON 380 - Intermediate Microeconomic Theory 1

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
380
**Teaching Area**
ECON
**Course Title**
Intermediate Microeconomic Theory 1
**Course Description**
Producer, consumer, and equilibrium theories; mathematical techniques of unconstrained and constrained optimization introduced and applied extensively.
**Department**
Economics
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## ECON 381 - Intermediate Macroeconomics

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
381
**Teaching Area**
ECON
**Course Title**
Intermediate Macroeconomics
**Course Description**
Intermediate macroeconomic theory, emphasizing income, unemployment, and price-level analysis.
**Department**
Economics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ECON 110 - Economic Principles and Problems **AND** MATH 112 - Calculus 1

Prerequisites

**Complete ALL of the following Courses:**

- ECON 110 - Economic Principles and Problems **AND** MATH 113 - Calculus 2

**Additional Comments:**

**Note**
If you plan to complete Econ 110 and/or Math 112 through Independent Study, this class cannot be registered for until the Independent Study course is completed.

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ECON 110 - Economic Principles and Problems **AND** MATH 112 - Calculus 1

Prerequisites

**Complete ALL of the following Courses:**

- ECON 110 - Economic Principles and Problems **AND** MATH 113 - Calculus 2

**Additional Comments:**

**Recommended**
Econ 380 or concurrent enrollment
**Note**
If you plan to complete Econ 110 and/or Math 112 through Independent Study, this class cannot be registered for until the Independent Study course is completed.

| Title | Tags |
| --- | --- |
| Econ 381 students will be able to | 181990, 1 |

**Learning Outcome**

Demonstrate an understanding of the nature and construction of key macroeconomic data;
Demonstrate an understanding of the connection between microeconomics and macroeconomics;
Demonstrate an understanding of standard models of economic growth
long-run macroeconomic behavior
short-run macroeconomic behavior

Use these models to analyze the macroeconomic effects of monetary and fiscal policy changes as well as other economic shocks;
Use these models to interpret historical and current events; and
Demonstrate an understanding of issues regarding the value and limitations of monetary and fiscal policy.

# ECON 382 - Intermediate Microeconomic Theory 2

## Course Information

**Teaching Area (new)**
ECON

**Course Number**
382

**Teaching Area**
ECON

**Course Title**
Intermediate Microeconomic Theory 2

**Course Description**
Welfare theory, imperfect information, imperfect competition, uncertainty, externalities, and public goods.

**Department**
Economics

**When Taught**
Fall, Winter, and Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 378 - Statistics for Economists
  **AND** ECON 380 - Intermediate Microeconomic Theory 1

Or Instructor Approval.

**Complete ANY of the following Courses:**
- ECON 210 - Career Preparation Seminar
- STDEV 317 - Job and Internship Search Strategies
- STDEV 318 - Graduate School Preparation: Practical Strategies for Becoming a More Competitive Applicant

**Additional Comments:**

**Note**
Or Instructor Approval.

**Learning Outcome**
Recognize the common building

# ECON 388 - Introduction to Econometrics

## Course Information

**Teaching Area (new)**
ECON

**Course Number**
388

**Teaching Area**
ECON

**Course Title**
Introduction to Econometrics

**Course Description**
Theory and application of regression analysis using cross-sectional, time-series, and panel data, as well as instrumental variables and discrete-choice (probit/logit) models. Includes Stata coding and introductory matrix algebra.

**Department**
Economics

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 378 - Statistics for Economists

**Additional Comments:**

**Title**
Econ 388 students will be able to

**Tags**
181987, 1

**Learning Outcome**

Demonstrate an understanding of the theoretical foundations of estimating and testing the basic regression model, employing tools from matrix algebra, calculus, and statistics.
Perform basic regression and

| Title | Learning Outcome |
| --- | --- |
| Formally Express and Analyze Economic Models | blocks of economic models, solve economic models, and interpret the results. |

| Title | Learning Outcome |
| --- | --- |
| Demonstrate an Understanding of Core Microeconomic Models | Understand models of perfect competition in general equilibrium, monopoly and oligopoly, externalities and public goods, decision-making under uncertainty, and information problems. |

| Title | Learning Outcome |
| --- | --- |
| Adapt Models to New Scenarios | Compare the impact on equilibrium behavior of altering assumptions and be able to contrast the results of different market imperfections |

| Title | Learning Outcome |
| --- | --- |
| Establish a Knowledge Base that Will Be Useful in Economic Field Classes | Apply models in various real-world examples and identify the positive and normative conclusions in that environment. |

| Learning Outcome |
| --- |
| testing procedures using Stata. Complete an empirical research project that includes the following elements:. |
| Formulate an econometric model. |
| Collect and prepare relevant data for use in estimating the model. |
| Use appropriate methods of estimation. |
| Test relevant behavioral hypotheses. |
| Understand and test the Gauss-Markov assumptions. |
| Analyze and interpret the estimated model. |
| Prepare a written report summarizing the research results. |

## ECON 398 - Applied Econometrics

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
398

**Teaching Area**
ECON

**Course Title**
Applied Econometrics

**Course Description**
Application of econometric methods, introduction to research design, and evaluation of empirical research. Special attention given to linking economic theory and econometrics and to causal inference.

**Department**
Economics

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 388 - Introduction to Econometrics

**Additional Comments:**

**Note**
ECON 398 was formerly listed as an elective course, numbered ECON 488.

## ECON 413R - Topics in Economic Theory

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
413R

**Teaching Area**
ECON

**Course Title**
Topics in Economic Theory

**Course Description**
Topics vary. Examples include history of economic thought, behavioral economics. Check with instructor.

**Department**
Economics

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 378 - Statistics for Economists
  **AND** ECON 380 - Intermediate Microeconomic Theory 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Students in ECON 413R will | 181917, 1 |

**Learning Outcome**

Learn in depth about an area of research in economics;
Understand the research literature and in particular the contributions of the seminal articles;
Analyze current journal articles and assess their contribution to the literature.

## ECON 420 - Economics of Antitrust Law and Regulation

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
420

## ECON 421 - Law and Economics

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
421

**Teaching Area**

ECON 420
**Teaching Area**
ECON
**Course Title**
Economics of Antitrust Law and Regulation
**Course Description**
Economic analysis of reasons for - and effects of - antitrust laws and regulation in selected areas, including utilities, telecommunications, transportation, energy, health, safety, and the environment.
**Department**
Economics
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 378 - Statistics for Economists
  **AND** ECON 380 - Intermediate Microeconomic Theory 1

**Additional Comments:**

**Recommended**
Econ 382

| Title | Tags |
|---|---|
| Econ 420 students will be able to | 181918, 1 |

**Learning Outcome**

Demonstrate basic familiarity with the provisions of the principal Federal antitrust statutes, including the Sherman Act, the Clayton Act, the FTC Act, the Robinson-Patman Act, and the Hart-Scott-Rodino Act.
Evaluate the likely effects of Section 1 of the Sherman Antitrust Act using monopoly, Cournot, Stackelberg, and

ECON
**Course Title**
Law and Economics
**Course Description**
Common law allocative mechanisms (contract, tort, and property law) as alternatives to collective intervention when markets fail; consideration of economic logic of law.
**Department**
Economics
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 378 - Statistics for Economists
  **AND** ECON 380 - Intermediate Microeconomic Theory 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Econ 421 students will be able to | 181919, 1 |

**Learning Outcome**

Demonstrate a basic familiarity with the Common Law.
Analyze the incentives created by Common Law tort rules.
Analyze the incentives created by Common Law contract rules.
Distinguish between "property rules" and "liability rules" with regard to property rights.
Evaluate the relative efficiency of specific tort rules.
Evaluate the relative efficiency of specific contract rules.
Analyze the incentives to litigate

Cournot, Stackelberg, and Bertrand models of non-cooperative behavior among a small number of rival firms.
Evaluate the likely effects of Section 2 of the Sherman Antitrust Act using simple analytical models of predation, exclusion, tying, bundling.
Evaluate the likely effects of laws limiting price discrimination, including the Robinson-Patman Act, using simple analytical models of price discrimination.
Evaluate the likely effects of Section 7 of the Clayton Act and the HRS Act using simple analytical models of mergers.
Evaluate public regulation of monopolies as an alternative to relying on antitrust law using simple analytical models of rate-of-return regulation, nonlinear pricing and peak load pricing.
Synthesize the relevant economics and legal literature, including Federal and Supreme Court rulings, via a substantial survey paper on a specific antitrust issue.

or settle under different rules about which party pays the costs of the litigation.
Analyze the incentives created by criminal sanctions.
Synthesize the relevant economics and legal literature, including Federal and Supreme Court rulings, via a substantial survey paper on a specific tort, contract or property issue.

## ECON 431 - Economic Development

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
431

**Teaching Area**
ECON

**Course Title**
Economic Development

**Course Description**
Microeconomic analysis of the causes of income differences across countries.

**Department**
Economics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## ECON 432 - Economic Growth

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
432

**Teaching Area**
ECON

**Course Title**
Economic Growth

**Course Description**
Theory and evidence relating to economic growth, including physical and human capital accumulation, population, technological change, institutions, and government.

**Department**
Economics

**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ECON 380 - Intermediate Microeconomic Theory 1 **AND** ECON 388 - Introduction to Econometrics

Prerequisites

**Complete ALL of the following Courses:**
- ECON 380 - Intermediate Microeconomic Theory 1 **AND** POLI 300 - Statistical Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Econ 431 students will be able to | 181984, 0 |

**Learning Outcome**
Discuss the labor and consumption patterns among the world's poor.Demonstrate an understanding of how modifying the neoclassical assumptions learned in Econ 380 can affect the welfare implications of markets. In particular, how the welfare implications are affected byExternalities and Public GoodsFixed Costs or Increasing ReturnsPoorly Enforced Property Rights.Discuss the functioning of the credit and capital market:How it relates to alleviating poverty and stimulating economic growth.Why it may be prone to information problems and the implications of those problems.Explain the potential role of government in economic development, especially as it relates to:Public Goods and ExternalitiesEnforcing ContractsCorruptionExplain the importance of labor, health, and education to the lives of those in developing countries and how these fields relate to improving outcomes among the poor.

Fixed
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Required Prerequsites**
**Type**
Prerequisite

Required Prerequsites

**Fulfill ALL of the following requirements:**

Required Prerequsites

**Complete ALL of the following Courses:**
- ECON 380 - Intermediate Microeconomic Theory 1 **AND** ECON 381 - Intermediate Macroeconomics **AND** ECON 388 - Introduction to Econometrics

**Additional Comments:**

| Title | Learning Outcome |
|---|---|
| Understand Measurement of Economic Growth | Be able to adjust values in one currency to values in another currency controlling for purchasing power parity (PPP) deviations and know how to access and manipulate common data sources used to measure economic growth. |
| Understand Leading Theories and Frameworks for Studying of Economic Growth | Be able to use and analyze leading theories and models of economic growth, especially the Solow Model and modern refinements and offshoots of it. |
| Understand History of Economic Growth and Development | Understand economic growth over the last several centuries and discuss the forces that have changed it over time, particularly starting with the Industrial Revolution |
| Understand the Interaction Between Economic Growth and Many Other Economic Variables | Be able to discuss the relationship between economic growth and education, technology/innovation, trade/foreign investment, government policies and institutions, geography, culture, and inequality |

Many Other Economic Variables and Inequality.

## ECON 440 - Natural Resources and Environmental Economics

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
440

**Teaching Area**
ECON

**Course Title**
Natural Resources and Environmental Economics

**Course Description**
Economic theory applied to allocation of natural resources and environmental amenities. Issues relating to externalities, common property resources, public goods, allocation of depletable natural resources over time, economic factors of environmental polarization, and others.

**Department**
Economics

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 380 - Intermediate Microeconomic Theory 1
  **AND** ECON 388 - Introduction to Econometrics

**Additional Comments:**

**Recommended**
Econ 382

| Title | Tags |
| --- | --- |
| Econ 440 students will be able to | 181920_1 |

## ECON 442 - Behavioral Economics

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
442

**Teaching Area**
ECON

**Course Title**
Behavioral Economics

**Course Description**
Examine the effects of social, cognitive, and emotional factors on the economic decisions of individuals and institutions.

**Department**
Economics

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 388 - Introduction to Econometrics

**Additional Comments:**

Econ 440 students will be able to 181920, 1

**Learning Outcome**

Utilize economic principles and models to address private and public policy issues related to allocating natural resources and environmental amenities.
Demonstrate an active understanding of the following elements of economic theory as it relates to natural resource and environmental economics:

Welfare economics and concepts of Pareto optimality, efficiency, and equity
The role of property, property rights, and the bundle of rights concept
The role of externalities, common property resources, and public goods
Concepts and measures of economic value including non-market valuation.

Demonstrate a basic knowledge of the role of markets and market failure with regards to the allocation of natural resources and environmental amenities.
Gain a basic understanding of the effects and relative merits of public environmental policy efforts, including cap-and-trade schemes, Pigovian taxes, regulation, and public ownership and/or management.
Become knowledgeable about and be able to use economic principles and non-market valuation techniques to address a variety of continuing and contemporary natural resource and environmental issues. These issues may include, but are not exclusive to:

Population growth and the environment
Global warming
Wilderness protection and related public lands issues
Air pollution and public health
Intergenerational allocation of soil, forest, and other depleteable natural resources
Impacts of environmental features on property values.

## ECON 450 - Financial Economics

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
450

**Teaching Area**
ECON

**Course Title**
Financial Economics

**Course Description**
Theory of financial economics, emphasizing capital markets, investment decisions, choice, capital asset pricing model, futures and options markets, efficient markets, and capital structures.

**Department**
Economics

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 382 - Intermediate Microeconomic Theory 2 **AND** ECON 388 - Introduction to Econometrics

**Additional Comments:**

| Title | Tags |
|---|---|
| Econ 450 students will be able to | 181921, 1 |

**Learning Outcome**

Understand and derive the fundamental relationship between risk and return that is implied by the Capital Asset Pricing Model (CAPM). Students should also know the assumptions necessary for this model to hold and be capable of

## ECON 453 - Monetary Theory and Policy

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
453

**Teaching Area**
ECON

**Course Title**
Monetary Theory and Policy

**Course Description**
Macroeconomic aspects of money demand, money supply, the monetary transmission mechanism, central bank policy, and other current issues.

**Department**
Economics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 380 - Intermediate Microeconomic Theory 1 **AND** ECON 381 - Intermediate Macroeconomics

**Additional Comments:**

**Recommended**
Concurrent enrollment in Econ 388

| Title | Tags |
|---|---|
| Econ 453 students will be able to | 181922, 1 |

**Learning Outcome**

Summarize the broad empirical evidence regarding the long-run and short-run relationships between money and inflation and money and output. Demonstrate a fundamental

identifying when potential investment projects satisfy these assumptions.
Use linear regression to calculate an asset's historical sensitivity to broad market indices, its implied historical mispricing and an estimate of the asset's idiosyncratic risk. Students should also be capable of performing hypothesis testing on these values.
Replicate traditional tests of the CAPM using currently available data.
Be capable of collecting and analyzing asset market data to estimate the efficient frontier of risky assets using either Excel or another software package. Students should also be able to understand the efficient frontier mathematically and the reasons that it is useful.
Calculate the present value of a stream of payments given an appropriate discount factor. Students should know how to use the CAPM to derive potential discount factors for payment streams.
Calculate the yield to maturity of a stream of payments given an observed price. Students should also understand the relationship between the coupon rate of traditional bonds, their price and their yield to maturity.
Calculate forward rates for all future periods given the observed yield curve.
Understand the liquidity preference theory of bond markets as well as the expectations hypothesis. They should also be able to price complicated payment streams using observations of the yield curve and the expectations hypothesis.
Calculate the duration and modified duration of a stream of payments and use these to calculate optimal hedges given an arbitrary position in the fixed income market.
Calculate and understand bond convexity and its role (along with duration) in hedging.
Price forward contracts by arbitrage given a risk-free rate.
Price futures contracts whose payoffs are not correlated with the market reinvestment rate.
Understand currently used hypotheses regarding futures

knowledge of the institutional and regulatory structure of the U.S. financial system.
Explain the macroeconomic role of central banks with special emphasis on the role of the Federal Reserve System in the U.S. economy.
Demonstrate an active understanding of the following elements of modern monetary theory:

The role of expectations, especially rational expectations
Solve simple rational expectations models
Analyze the rudimentary new Keynesian dynamic stochastic general equilibrium models
Theories of the transmission mechanism of monetary policy

Identify the current issues in the conduct of monetary policy.
Demonstrate a general understanding of the causes and consequences of financial crises with a focus on the financial crisis of 2007-2009.
Identify and evaluate the principal issues regarding financial regulation.

hypotheses regarding futures contract pricing.
Understand the structure of call and put options.
Price put options given a call option (and vice versa) using the put-call parity relationship.
Apply the Black-Scholes option pricing formula to price call and put options given beliefs about the volatility of the underlying asset.
Apply the Black-Scholes option pricing formula to calculate the implied volatility of an asset given its price.

## ECON 458 - International Trade Theory and Applications

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
458
**Teaching Area**
ECON
**Course Title**
International Trade Theory and Applications
**Course Description**
Microeconomic analysis of why nations trade, who wins and loses from trade, and the costs and benefits of various trade policies.
**Department**
Economics
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Required Prerequsites**
**Type**
Prerequisite

## ECON 459 - International Monetary Theory

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
459
**Teaching Area**
ECON
**Course Title**
International Monetary Theory
**Course Description**
Monetary and macroeconomic aspects of international relations dealing primarily with short-run balance-of-payments disequilibrium and adjustments.
**Department**
Economics
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- ECON 380 - Intermediate Microeconomic Theory 1

**Additional Comments:**

**Recommended**

ECON 382

| Title | Learning Outcome |
|---|---|
| Gains from Trade | Use economic modeling to explain why all kinds of nations--rich and poor, large and small--gain from international trade. |
| Comparative Advantage | Explain comparative advantage, its sources, and how it creates gains from trade. |
| Other Sources of Gains from Trade | Explain how economies of scale and the reduction of market power can also generate gains from trade. |
| Losses from Trade | Identify who might lose from trade even when nations as a whole gain from trade. |
| International Migration and Capital Flows | Use economic modeling to explain what drives human migration and international capital flows and analyze their benefits and costs. |
| Trade Policies | Analyze how trade policies affect national welfare and how such policies help some while hurting others. |
| Trade Politics | Use models of trade to analyze how political forces shape trade policies. |

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ECON 381 - Intermediate Macroeconomics
  **AND** ECON 388 - Introduction to Econometrics

Prerequisites

**Complete ALL of the following Courses:**

- ECON 380 - Intermediate Microeconomic Theory 1
  **AND** ECON 381 - Intermediate Macroeconomics
  **AND** POLI 300 - Statistical Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Econ 459 students will be able to | 181924, 1 |

**Learning Outcome**

Demonstrate a familiarity with the key issues in two broad fields:

International Finance, particularly exchange rate behavior,
Open Economy Macroeconomics.

Discuss the nature of the foreign exchange market, including:

It's market organization
The role of vehicle currencies
The instruments traded
The role of arbitrage.

Understand and use models of exchange rate behavior:

Covered and uncovered interest rate parity
Long-run monetary and equilibrium models.

Understand financial portfolio theory to the extent that it is useful in explaining exchange rate behavior, including:

The determination of risk premia
How it may explain the "forward bias" puzzle.

Discuss the history of the international financial system since the late 1700's.
Discuss the international aspects of the national income and product accounts, along with the balance of payments accounts.
Apply simple dynamic models of consumption smoothing to the

current account.

## ECON 461 - Economics of Education

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
461

**Teaching Area**
ECON

**Course Title**
Economics of Education

**Course Description**
Evaluation of education policy from an economic perspective, focusing on the benefits and costs of policy outcomes. Introduction to quantitative methods used by empirical education researchers.

**Department**
Economics

**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Required Prerequsites**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ECON 380 - Intermediate Microeconomic Theory 1
- ECON 388 - Introduction to Econometrics

**Additional Comments:**

| Title | Learning Outcome |
|---|---|
| Theory | Use models to analyze education production, human capital formation, and the role of incentives. |

## ECON 463 - Economics of the Labor Market

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
463

**Teaching Area**
ECON

**Course Title**
Economics of the Labor Market

**Course Description**
Economic analysis and institutional background of labor markets in developed countries, particularly the United States. Typical topics include labor supply and demand analysis, determination of wages and employment, investment in education, wage differences by gender and race, immigration, and unions.

**Department**
Economics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Required Prerequsites**

**Type**
Prerequisite

Required Prerequsites

**Complete ALL of the following Courses:**
- ECON 380 - Intermediate Microeconomic Theory 1 **AND** ECON 388 - Introduction to Econometrics

**Additional Comments:**

| Title | Learning Outcome |
|---|---|
| Benchmark Labor Market Analysis | Use standard optimization models to analyze labor supply, labor demand, and their interactions. |

| | |
|---|---|
| Title<br>Policy | Learning Outcome<br>Evaluate education policy options by using economics research findings to analyze costs and benefits and to identify unintended consequences. |
| Title<br>Current Issues | Learning Outcome<br>Evaluate current issues in education, such as teacher labor markets, K-12 policies, higher education, and other nations' policies. |
| Title<br>Literature | Learning Outcome<br>Evaluate the economics of education research literature by studying how seminal papers have shaped the field and by analyzing how current "cutting edge" papers are expanding knowledge frontiers. |
| Title<br>Quantitative Research Tools | Learning Outcome<br>Demonstrate an understanding of the quantitative research tools that empirical education economists use to conduct research, including cross sectional and panel data models, techniques to account for selection bias, and methods to identify causal effects. |

| | |
|---|---|
| Title<br>Higher Level Labor Market Analysis | Learning Outcome<br>Use other models to analyze more complex labor market phenomena, such as job search, human capital choices, risky occupations, union wage setting, and behavior under alternative compensation schemes. |
| Title<br>Institutions | Learning Outcome<br>Analyze key U.S. labor market institutions, with a focus on how government programs affect labor supply and wages. |
| Title<br>Literature Analysis | Learning Outcome<br>Evaluate how high quality labor economics empirical research relates to model predictions. |
| Title<br>Empirical Research | Learning Outcome<br>Complete an empirical project demonstrating competence in basic econometric techniques. |

## ECON 465 - Health Economics

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
465
**Teaching Area**
ECON
**Course Title**
Health Economics
**Course Description**
Economic models of health-care markets, including the supply and demand for health and health care, insurance, market imperfections, public-sector involvement, and regulation.
**Department**
Economics
**When Taught**
Fall

### Credit Hours

**Min**

## ECON 468 - Urban Economics

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
468
**Teaching Area**
ECON
**Course Title**
Urban Economics
**Course Description**
Economic models relating to spatial location of economic activities and development of cities. Application of economic theory to problems and policies associated with housing, urban transportation, congestion, local government finance, and other urban problems.
**Department**
Economics
**When Taught**
Fall

### Credit Hours

3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 382 - Intermediate Microeconomic Theory 2
  **AND** ECON 388 - Introduction to Econometrics

**Additional Comments:**

**Note**
Concurrent enrollment accepted for Econ 388; see professor.

| Title | Tags |
|---|---|
| Econ 465 students will be able to | 181926, 1 |

**Learning Outcome**

Read, understand, and discuss the academic literature in health economics. A daily quiz will be administered to test understanding of the reading. Participate in linking academic research to contemporary policy discussions through class discussion and preparation of occasional class presentations. Complete a major research project in which they either 1) summarize and evaluate the available evidence on a particular policy question, or 2) conduct an original research project where they identify a question, assemble a dataset, thoughtfully apply appropriate empirical methods, and clearly describe their methodology, assumptions, and findings.

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 378 - Statistics for Economists
  **AND** ECON 380 - Intermediate Microeconomic Theory 1

**Additional Comments:**

**Other Prerequisites**
Econ 388 or concurrent enrollment

| Title | Tags |
|---|---|
| Econ 468 students will be able to | 181927, 1 |

**Learning Outcome**

Demonstrate an understanding of the role of transportation costs in determining land uses and land prices.Demonstrate a familiarity with the monocentric city model of land use and its use in understanding the impact of local land use and transportation policies.
Apply the basic models of housing demand and the role of filtering in determining the stock of housing in a city.
Demonstrate an understanding of the economic concepts of external costs and how these play a role in air pollution and highway congestion. Apply the concept of Pigouvian pricing as a solution to externality problems in the case of highway congestion.
Discuss the role of time costs in consumers' choice of transportation mode, and why collection and distribution parts of urban trips are so important in

determining the proper design of mass transit
systems. Demonstrate an understanding of the role of economies of scale in efficient mass transit design.
Use the basic economic model of "rational" crime to predict the impact of various anti-crime policies.

## ECON 474 - Topics in Economic History

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
474

**Teaching Area**
ECON

**Course Title**
Topics in Economic History

**Course Description**
History of economic thought using modern techniques to understand the evolution of the discipline.

**Department**
Economics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 380 - Intermediate Microeconomic Theory 1

**Additional Comments:**

## ECON 475 - Public Economics

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
475

**Teaching Area**
ECON

**Course Title**
Public Economics

**Course Description**
Evaluation of the role of government from an economic perspective. Typical topics include taxation, externalities, public goods, corruption, public choice, Social Security, Medicare and Medicaid, education, income redistribution, and crime.

**Department**
Economics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 380 - Intermediate Microeconomic Theory 1
  **AND** ECON 388 - Introduction to Econometrics

**Other Prerequisites**
Econ 388 or concurrent enrollment

| Title | Tags |
|---|---|
| Course to Be Deleted | 182001, 1 |

**Learning Outcome**
This course is currently not being taught and will be deleted in an upcoming curriculum year.

**Additional Comments:**

| Title | Tags |
|---|---|
| Econ 475 students will be able to | 181928, 1 |

**Learning Outcome**

Discuss the revenue, expenditure, and debt patterns of the U.S federal government.
Analyze how modifying the neoclassical assumptions learned in 380 can affect the welfare implications of markets. In particular, how the welfare implications are affected by

Externalities and Public Goods
Fixed Costs or Increasing Returns
Poorly Enforced Property Rights
Information Problems
Hyperbolic Discounting or Loss Aversion

Demonstrate an understanding of the function and incentive effects of the major redistribution programs in the United States.
Discuss the efficiency and distributional effects of taxation and the theory of optimal taxation for both income and commodity taxes.
Read papers in the public economics literature and

Provide written and oral critiques of the papers
Apply modern tools of econometric analysis in discussing the papers

## ECON 476 - Industrial Organization

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
476
**Teaching Area**
ECON
**Course Title**
Industrial Organization
**Course Description**
Industrial organization focuses on firm behavior in imperfectly competitive markets. Typical topics include the acquisition and use of market power by firms, strategic interactions among firms, and an introduction to noncooperative game theory.
**Department**
Economics
**When Taught**

## ECON 477 - Political Economics

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
477
**Teaching Area**
ECON
**Course Title**
Political Economics
**Course Description**
Economic models of government structure and function: electoral competition, voter participation and cycles, preference aggregation, information aggregation, externalities and public goods, electoral structure, political agency, influence, and bargaining.
**Department**
Economics
**When Taught**

When Taught
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 382 - Intermediate Microeconomic Theory 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Econ 476 students will be able to | 181929, 1 |

**Learning Outcome**

Analyze basic models of competition among firms producing homogeneous goods: competition, monopoly, Cournot oligopoly, Bertrand oligopoly, Stackelberg oligopoly.
Apply basic game theory including solution concepts for normal and extensive form games.
Demonstrate an understanding of extensions to these basic model, including supergames, models of product differentiation, and games of incomplete information.
Apply these models to key issues in theoretical and applied industrial organization: mergers, collusion, advertising, R&D competition, antitrust policy, entry accommodation and entry deterrence, and business strategy.
Discuss the role of government in

When Taught
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 378 - Statistics for Economists
  **AND** ECON 382 - Intermediate Microeconomic Theory 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Econ 477 students will be able to | 181989, 1 |

**Learning Outcome**

Understand fundamental collective action problems and solutions.
Identify benefits and limitations of democratic processes.
Identify parallels between political competition adn market competition.
Compare the strategic incentives created by alternative votiing rules and other political institutions.
Identify puzzles that remain unexplained by modern political economic analysis.
Recognize key assumptions implicit in political debate.

Discuss the role of government in the market in determining antitrust policy, patent policy, and regulation.
Read, synthesize, and write short review papers on applied or empirical papers from the industrial organization literature.

## ECON 478 - Game Theory and Economics

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
478
**Teaching Area**
ECON
**Course Title**
Game Theory and Economics
**Course Description**
Application of game theory to study strategic interaction between individuals and organizations. Applications include imperfect competition, insurance markets, and bargaining.
**Department**
Economics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 378 - Statistics for Economists
  **AND** ECON 380 - Intermediate Microeconomic Theory 1

**Additional Comments:**

## ECON 484 - Machine Learning for Economists

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
484
**Teaching Area**
ECON
**Course Title**
Machine Learning for Economists
**Course Description**
Theory and practice of machine learning methods for applications in economics.
**Department**
Economics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 380 - Intermediate Microeconomic Theory 1
  **AND** ECON 388 - Introduction to Econometrics

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Econ 478 students will be able to | 181930, 1 |

**Learning Outcome**

Demonstrate an understanding of the game theoretic method of analysis.
Define a Nash Equilibrium and discuss refinements of the Nash Equilibrium Concept.
Think abstractly and rigorously about strategic interaction.

## ECON 490 - Senior Paper

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
490

**Teaching Area**
ECON

**Course Title**
Senior Paper

**Course Description**
Research skills in economic literature. Instrutor's consent required.

**Department**
Economics

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
1

**Fixed**
1

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Students in ECON 490R will | 181980, 0 |

**Learning Outcome**
Demonstrate competency of research skills by writing an original, independent research paper that makes a contribution to the literature in an area of economics.

## ECON 498R - Readings in Economics

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
498R

**Teaching Area**
ECON

**Course Title**
Readings in Economics

**Course Description**
Intensive study of economic research literature.

**Department**
Economics

**When Taught**
Contact Department

**Credit Hours**

**Min**
0.5

**Fixed**
2

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Note**
P/F grade only; maximum of 2 credit hours; 3 hours of reading per week required for each credit hour taken. Not counted toward required major hours.

| Title | Tags |
| --- | --- |
| Students in ECON 498R will | 181981, 0 |

**Learning Outcome**
Develop a rigorous understanding of a specific area of economics through intensive study of the research literature.

## ECON 580 - Advanced Microeconomic Theory 1

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
580

**Teaching Area**
ECON

**Course Title**

## ECON 581 - Advanced Macroeconomics

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
581

**Teaching Area**
ECON

**Course Title**
Advanced Macroeconomics

**Course Title**
Advanced Microeconomic Theory 1
**Course Description**
Household optimization, firm optimization, equilibrium with competitive markets, and economy-wide welfare analysis.
**Department**
Economics
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 382 - Intermediate Microeconomic Theory 2
  **AND** MATH 290 - Fundamentals of Mathematics

**Additional Comments:**

**Other Prerequisites**
Or instructor's approval

**Course Description**
Theory of determining national income, employment, inflation, and interest rates. Issues of economic fluctuations, economic growth, and monetary and fiscal policy.
**Department**
Economics
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ECON 381 - Intermediate Macroeconomics
  **AND** ECON 382 - Intermediate Microeconomic Theory 2
  **AND** ECON 388 - Introduction to Econometrics

**Additional Comments:**

| Title | Tags |
|---|---|
| Econ 581 students will be able to | 181988, 1 |

**Learning Outcome**

Acquire a toolset for analyzing modern macroeconomic models. Demonstrate an understanding of basic dynamic stochastic general equilibrium (DSGE) macroeconomic modeling, including:

How to set up a model.
How to render it stationary, if necessary.
How to solve for the model's steady state both analytically and numerically.
How to solve for the model's

dynamics using various numerical techniques.
How to calibrate the model.
How to simulate the model economy.
How to generate impulse response functions.
How to generate data moments.
How to estimate model parameters using simulated method of moments

Use MATLAB and Dynare, software packages widely used in macroeconomic model simulation.
Demonstrate an understanding of other macroeconomic models, such as:

Overlapping generations (OLG) models.
Continuous-time Ramsey-style models.

Estimate and interpret structural vector autoregression (SVAR) empirical models.
Demonstrate an understanding of current issues being addressed in macroeconomics research.
Be prepared to perform well in the macroeconomics classes in the top Ph.D. programs in economics.

## ECON 582 - Advanced Microeconomic Theory 2

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
582
**Teaching Area**
ECON
**Course Title**
Advanced Microeconomic Theory 2
**Course Description**
Game theory tools, used in the study of strategic interaction and imperfect information in current economic research.
**Department**
Economics
**When Taught**
Winter

### Credit Hours

**Min**

## ECON 588 - Advanced Econometrics

### Course Information

**Teaching Area (new)**
ECON
**Course Number**
588
**Teaching Area**
ECON
**Course Title**
Advanced Econometrics
**Course Description**
Theory and practice of formulating, estimating, and analyzing economic models.
**Department**
Economics
**When Taught**
Winter

### Credit Hours

**Min**
3

3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ECON 580 - Advanced Microeconomic Theory 1

**Additional Comments:**

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ECON 388 - Introduction to Econometrics

**Additional Comments:**

**Title**
Econ 588

**Tags**
181934, 1

**Learning Outcome**

Demonstrate a familiarity with the properties and applications of several families of statistical distributions to econometric problems.
Demonstrate an understanding of variations and generalizations of the basic regression model including

Generalized least squares
Generalized autoregressive conditional heteroskedasticity models
Instrumental variables
Seemingly unrelated regression models
Panel data
Hausman specification tests.

Demonstrate an understanding of estimation frameworks in econometric models including

Parametric, semiparametric, and non parametric specifications
Maximum likelihood, M-, generalized method of moments, kernel, empirical likelihood, and extremum estimation.

Formulate and estimate various

nonlinear models.
Identify and estimate autoregressive integrated moving average (ARIMA) models and obtain forecasts of economic variables.
Demonstrate an understanding of dynamic (and static) structural econometric models including being able to discuss

Reduced form, structural, and transfer function representations
The identification problem
Issues of estimation and statistical inference
Vector autoregression models.

Complete a research project in which they formulate a research question, apply appropriate methods to answer the question, and prepare a paper summarizing their results.

## ECON 599R - Academic Internship: Supervised Management and Training

### Course Information

**Teaching Area (new)**
ECON

**Course Number**
599R

**Teaching Area**
ECON

**Course Title**
Academic Internship: Supervised Management and Training

**Department**
Economics

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
6

#### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Course work pertinent to proposed experience

| Title | Tags |
| --- | --- |
| Course To Be Deleted | 182005, 1 |

**Learning Outcome**

## EDLF 201 - Foundations of Education

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
201

**Teaching Area**
EDLF

**Course Title**
Foundations of Education

**Course Description**
The purposes of education and schooling in a democracy and the historical, cultural, philosophical, and sociological foundations underlying the development of the American educational system.

**Department**
1107

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

This course is currently not being taught and will be deleted in an upcoming curriculum year.

**Fixed**
0

**Title**
Historical and Philosophical Foundations of Education

**Tags**
178144, 0

**Learning Outcome**
Teacher candidates understand the major philosophical, historical, and sociological movements in Western education, including the nature of man, external structure, and individual freedom.

**Title**
Social Foundations of Education

**Tags**
178145, 1

**Learning Outcome**
Teacher candidates examine central issues and contexts of education (e.g., wealth and poverty, school and family, alternative delivery systems, school and democracy, school and law, religion and education). They will also explore political and policy issues confronting education, governance and structure of public education, and financial and economic aspects of education.

**Title**
Personal and Professional Philosophy of Education

**Tags**
178146, 2

**Learning Outcome**
Teacher candidates reflect upon and articulate their own views of education and connect these views to their future professional practice and personal educational philosophy.

**Title**
Moral Foundations of Education

**Tags**
178147, 3

**Learning Outcome**
Teacher candidates investigate their own role as professionals engaged in the American proposition that education is a moral responsibility necessary for a civil and prosperous democratic society. They will understand the vision and purposes of the BYU-Public School Partnership and BYU's commitments to public

education and its role in American society and will examine the moral commitments of education adopted by the Partnership.

## EDLF 362 - Introduction to International Development Education

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
362

**Teaching Area**
EDLF

**Course Title**
Introduction to International Development Education

**Course Description**
Major concepts and research in educational aspects of poverty alleviation and human development. Role of education as foundation of poverty alleviation, expanding human capabilities, and for promoting national development.

**Department**
1107

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Theoretical understanding of IDE | 178048, 1 |

**Learning Outcome**
Become aware of key theoretical concepts and different understandings on education and development, and the significance of human rights mainstreaming as a pillar in disciplinary and professional divide.

## EDLF 363 - Education, Poverty, and Community Development

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
363

**Teaching Area**
EDLF

**Course Title**
Education, Poverty, and Community Development

**Course Description**
Examines the nexus between education, poverty, and socioeconomic development challenges facing developing countries through the perspective of economics, religion, and the state.

**Department**
1107

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Formulate research questions | 178054, 3 |

**Learning Outcome**
Formulate complex research questions regarding development.

| Title | Tags |
| --- | --- |
| Effective communication | 178058, 4 |

**Learning Outcome**

Communicate scientific issues and follow the development of knowledge.

**Title**
Critical examination of development architectures

**Tags**
178066, 4

**Learning Outcome**
Examine strengths and weaknesses of development architectures--particularly in relation to key problems and issues like poverty, exclusion, gender, empowerment and dignity, sustainability, capabilities and functioning and human rights. Learn to question the "Washington Consensus" wisdom and existing systems, structures, and models are working and, if not, what might work instead.

**Title**
Education a powerful tool for enlarging opportunity freedom, eliminating inequalities, and for overcoming poverty and other disadvantages.

**Tags**
178185, 0

**Learning Outcome**
Education is a powerful tool for creating opportunities, eliminating inequalities, and enabling people to overcome poverty and other disadvantages. Educational development and poverty reduction are, therefore, integrally linked issues in comparative and international education and development research. Students will understand how governments, international governmental organizations (IGOs), international non-governmental organizations (INGOs), and other institutions create as right-holders can create educational opportunities and support educational systems that develop leadership and foster learning and creativity for all people. These questions and other outcomes explored in this course will enable students to:

Introduce students to the complexities of the reservoir of diverse intellectual ideas and traditions in education;
Articulate these understandings in making more thoughtful, responsible and better informed decisions in

**Title**
Understand development dimensions

**Tags**
178060, 5

**Learning Outcome**
Develop a more effective understanding of the economics, social, and political dimensions of educational development within and across national boundaries.

**Title**
Critical reflection on theories

**Tags**
178068, 1

**Learning Outcome**
Locate, understand, and critically review development theories and research within their respective disciplines and within the interdisciplinary field of Development Studies

**Title**
Development analysis

**Tags**
178087, 2

**Learning Outcome**
Analyze relevant development phenomena in a complex manner using key concepts and theories studied during the course.

**Title**
Understanding development paradigms and critical reflection on poverty and human development

**Tags**
178140, 0

**Learning Outcome**
Identify and critically reflect upon issues and theories of poverty and human development
The Specific Objectives of the Course are as Follows:

Understand the way in which different educational systems, pedagogical approaches, and organizational structures have evolved in a variety of cultures and country contexts;
Explain the role that education plays in global social,

their own research and practice, and in their own reading and use of research in the field;

Understand issues of equity and equality of educational opportunities and outcomes for differently situated social groups, especially those who historically have been most discriminated against;

Synthesize the knowledge and discussions regarding the concept of education in poverty and human development, so as to inform their definition, draw on the extensive policy and academic literatures available to propose relationships between the multidemsionalities of poverty and five related concepts: educational poverty, rights in education and right to education, human rights, and well-being and happiness;

Acquire a critical methodology that should prepare students for second cycle studies as well as for making contribution as mid-level policy-makers in agencies or practitioners in NGOs.

political and economic development;

Develop the ability to think logically and critically, and to apply knowledge from multiple disciplines to various contexts;

Develop the ability to reflect on, understand, and respond to complex international and intercultural issues relating to human rights, right to education, rights in education and development; and

Develop the ability to locate, identify, and use sources of information from multiple disciplines to understand and address issues related to education.

## EDLF 365 - Education Policy and Research in Developing Countries

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
365

**Teaching Area**
EDLF

**Course Title**
Education Policy and Research in Developing Countries

**Course Description**
Current education practices, issues, institutions, and research in global education policy. Students will develop skills in the assessment and analysis of challenges facing education systems in developing countries.\n\n

**Department**
1107

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## EDLF 390R - Special Topics in Education

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
390R

**Teaching Area**
EDLF

**Course Title**
Special Topics in Education

**Course Description**
Various topics dealing with educational issues.

**Department**
1107

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

**Title**
Seminar Specific

**Tags**
178125, 1

**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 399R - Academic Internship

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
399R

**Teaching Area**
EDLF

**Course Title**
Academic Internship

**Course Description**
On-the-job experience and training under the guidance of a mentor.

**Department**
1107

**When Taught**
All Semesters/Terms

### Credit Hours

## EDLF 411 - Educational Legal and Ethical Issues for Educators

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
411

**Teaching Area**
EDLF

**Course Title**
Educational Legal and Ethical Issues for Educators

**Course Description**
An introductory course to prepare pre-service teachers to create safe and successful learning environments for all students. Preservice teachers will also be armed to avoid misunderstandings or false allegations against them and will be able to understand the purposes and means and ethical grounding and reasons for ensuring equity, fairness, safety and established rights of the entire educational community of students, parents, and teachers.

Min
1

Fixed
9

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
0

Other Prerequisites
Departmental consent

| Title | Tags |
| --- | --- |
| Individualized Learning | 178124, 1 |

Learning Outcome
Students will engage in an educational internship with learning outcomes individualized to each situation. These learning outcomes will be specified in a contract between professor and student.

Department
1107
When Taught
Fall, Winter, Spring

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Other Prerequisites
Must be accepted into EL ED major program.

| Title | Tags |
| --- | --- |
| Rights-based Discourse | 212611, 0, 1, 2022-12-20 16:45:08 |

Learning Outcome
Teacher candidates will be able to explain the reasons for rules and concerns surrounding policies and rights-based discourse regarding students.

| Title | Tags |
| --- | --- |
| Ethical Pronouncement and Regulations | 212612, 0, 2, 2022-12-20 16:45:08 |

Learning Outcome
Teacher candidates will demonstrate primary knowledge of very basic Constitutional law, and several key statutory and other ethical pronouncements in exemplary regulations.

| Title | Tags |
| --- | --- |
| Student Safety, Equity, Fairness, and Protection | 212613, 0, 3, 2022-12-20 16:45:08 |

Learning Outcome
Teacher candidates will become familiar with the legal and ethical issues surrounding student safety, equity, fairness and protection, while also being able to demonstrate basic knowledge regarding their

duties to respect safe boundaries and interaction with students.

| Title | Tags |
| --- | --- |
| The Role of Public Schools | 212614, 0, 4, 2022-12-20 16:45:08 |

**Learning Outcome**

Teacher candidates will understand the role of the public schools in demonstrating the ability to combine impartiality, sensitivity to student diversity, and ethical considerations in their interactions with others in promoting social justice.

## EDLF 494R - Independent Readings

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
494R

**Teaching Area**
EDLF

**Course Title**
Independent Readings

**Course Description**
Readings in education.

**Department**
1107

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Departmental consent

**Title**
Individualized Learning

**Tags**
178122, 1

**Learning Outcome**
Student will engage in individualized learning as specified in written contract between professor and student.

## EDLF 495R - Independent Research

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
495R

**Teaching Area**
EDLF

**Course Title**
Independent Research

**Course Description**
Student research mentored by faculty member.

**Department**
1107

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Departmental consent

**Title**
Individualized Learning

**Tags**
178123, 1

**Learning Outcome**
Student will engage in individualized learning as specified in written contract between professor and student.

## EDLF 515R - Curriculum Innovation

### Course Information

**Teaching Area (new)**
EDLF
**Course Number**
515R
**Teaching Area**
EDLF
**Course Title**
Curriculum Innovation
**Department**
1107
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Title**
Topic: Curriculum Innovations
**Tags**
178132, 1

**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 515R - Topics in Community Educating

### Course Information

**Teaching Area (new)**
EDLF
**Course Number**
515R
**Teaching Area**
EDLF
**Course Title**
Topics in Community Educating
**Department**
1107
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Title**
Topic: Community Education
**Tags**
178128, 1

**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 515R - Higher Education Topics

### Course Information

**Teaching Area (new)**
EDLF
**Course Number**
515R
**Teaching Area**
EDLF
**Course Title**
Higher Education Topics
**Department**
1107
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Title**
Topic: Higher Education
**Tags**
178137, 1

**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 515R - Topics in Educational Leadership

### Course Information

**Teaching Area (new)**
EDLF
**Course Number**
515R
**Teaching Area**
EDLF
**Course Title**
Topics in Educational Leadership
**Department**
1107
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Title**
Topic: Educational Leadership
**Tags**
178130, 1

**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 515R - Home-School Relationships

### Course Information

**Teaching Area (new)**
EDLF
**Course Number**
515R
**Teaching Area**
EDLF
**Course Title**
Home-School Relationships
**Department**
1107
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Title**
Topic: Home and School Relations
**Tags**
178129, 1

**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 515R - Topics in Elementary Leadership

### Course Information

**Teaching Area (new)**
EDLF
**Course Number**
515R
**Teaching Area**
EDLF
**Course Title**
Topics in Elementary Leadership
**Department**
1107
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Title**
Topic: Elementary Leadership
**Tags**
178131, 1

**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 515R - School Leadership

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
515R

**Teaching Area**
EDLF

**Course Title**
School Leadership

**Department**
1107

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Title**
Topic: School Leadership

**Tags**
178134, 1

**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 515R - Effective Teaching

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
515R

**Teaching Area**
EDLF

**Course Title**
Effective Teaching

**Department**
1107

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Title**
Topic: Effective Teaching

**Tags**
178133, 1

**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 515R - Special Topics in Education

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
515R

**Teaching Area**
EDLF

**Course Title**
Special Topics in Education

**Department**
1107

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Note**
Credit earned in 515R is not counted toward graduate degrees.

**Title**
Seminar specific

**Tags**
178127, 1

**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 515R - Secondary Principl

### Course Information

**Teaching Area (new)**
EDLF

**Course Number**
515R

**Teaching Area**
EDLF

**Course Title**
Secondary Principl

**Department**
1107

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Title**
Topic: Secondary Principal

**Tags**
178136, 1

**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 515R - Elementary Princip

### Course Information

**Teaching Area (new)**
EDLF
**Course Number**
515R
**Teaching Area**
EDLF
**Course Title**
Elementary Princip
**Department**
1107
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Title**
Topic: Elementary Principal
**Tags**
178135, 1
**Learning Outcome**
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

## EDLF 530 - School and Community Programs in Education

### Course Information

**Teaching Area (new)**
EDLF
**Course Number**
530
**Teaching Area**
EDLF
**Course Title**
School and Community Programs in Education
**Course Description**
Examination of programs in school and community for enhancement of teaching and learning.
**Department**
1107
**When Taught**
Contact Department

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Course Under Review
**Tags**
178126, 1
**Learning Outcome**
This course is connected to a program that is currently furloughed. Learning outcomes will be written when the program is reinstated.

## EL ED 200 - Introduction to Education

### Course Information

**Teaching Area (new)**
EL ED
**Course Number**
200
**Teaching Area**
EL ED
**Course Title**
Introduction to Education
**Course Description**

## EL ED 203 - Foundations of Multicultural Education

### Course Information

**Teaching Area (new)**
EL ED
**Course Number**
203
**Teaching Area**
EL ED
**Course Title**

**Course Description**
Introduction to the philosophical foundations of education and the role of public education in the U.S. today. Topics will include how (a) public education is the cornerstone of a civil and prosperous democratic community; (b) education is a public imperative, a moral endeavor, and a shared responsibility for all members of society; and (c) public schools exist to provide access to education for all, which includes both academic mastery and personal development for the purpose of maximizing students' potential to participate fully and productively in society. In addition to readings and discussions, there will be opportunities for experiences in local public schools.
**Department**
Teacher Education
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Education for All | 210613, 0, 1, 2021-01-07 10:02:20 |

**Learning Outcome**
Explain how public schools exist to provide access to education for all.

| Title | Tags |
|---|---|
| Education as a Public Imperative | 210614, 0, 2, 2021-01-07 10:02:20 |

**Learning Outcome**
Describe ways that all citizens can contribute to the success of student learning.

| Title | Tags |
|---|---|
| The Role of Education in a Democratic Society | 210615, 0, 3, 2021-01-07 10:02:20 |

**Learning Outcome**
Identify the ways in which education helps individuals participate in a democratic society.

Foundations of Multicultural Education
**Course Description**
Cultural identities in family life, physical attributes, culture, and language. Recognizing prejudice in individuals and institutions. Culturally and linguistically relevant pedagogical frameworks.
**Department**
Teacher Education
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Limited to Elementary Education majors or pre-majors, and Early Childhood Education majors and pre-majors.

| Title | Tags |
|---|---|
| Cultural Identities | 178867, 2 |

**Learning Outcome**
Examine and understand the various dimensions of cultural identity, including one's own, and apply this knowledge to a process of personal reflection.

| Title | Tags |
|---|---|
| Recognize Privilege and Inequity | 178868, 3 |

**Learning Outcome**
Recognize and acknowledge racism, discrimination and other forms of inequity and privilege in themselves, in others, and within institutions.

| Title | Tags |
|---|---|
| The Cultural Nature of Teaching and Learning | 179046, 4 |

**Learning Outcome**
Acknowledge the cultural dynamics (e.g., beliefs, practices, values) at play in school success

and classroom teaching. This includes recognizing and overcoming deficit thinking, and the challenges of second language acquisition and cultural adaptations for children of immigrants.

| Title | Tags |
| --- | --- |
| Inclusion | 179047, 5 |

**Learning Outcome**
Learn to appreciate and value individual and cultural differences. Recognize how diversity enriches opportunities for learning and engagement within various communities.

| Title | Tags |
| --- | --- |
| Critical Dispositions | 179048, 1 |

**Learning Outcome**
Recognize and use a moral/spiritual framework as a multicultural educator. Develop critical multicultural dispositions (e.g., self-critique, social awareness, meekness, advocacy). Explore perspectives and ways of knowing multicultural concerns (e.g., gender, sexuality, race and ethnicity, language abilities, immigration, social class, poverty).

## EL ED 213 - Instructional Design and Assessment for all Learners

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EL ED | 213 |

**Teaching Area**
EL ED
**Course Title**
Instructional Design and Assessment for all Learners
**Course Description**
Curriculum design and assessment theory, strategies, and tools for the K-6 classroom. Fundamental concepts in using assessments to evaluate and support language and literacy development for English learners. Use of formal and informal assessment practices to support the learning of all students.
**Department**
Teacher Education
**When Taught**
Fall and Winter

## EL ED 299R - Classroom Management and Practicum 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EL ED | 299R |

**Teaching Area**
EL ED
**Course Title**
Classroom Management and Practicum 1
**Course Description**
This course is one of two required classroom management and practicum courses in the EL ED program. ELED 299R is intended to provide (a) foundational understanding of key elements in creating and maintaining a nurturing, effective, and productive learning environment; and (b) context for preservice teachers to apply the content, methodology, and skills they are learning on campus in real classroom settings with children/youth under the guidance of a mentor classroom teacher and a university clinical supervisor from the EL Ed program. Students will participate in on campus preparation classes, weekly support classes, and extensive time in elementary

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major status.

| Title | Tags |
| --- | --- |
| Understand and apply the science of assessment in support of | 178344, 0 |

**Learning Outcome**
Teacher candidates will be able to describe, define and apply the principles and science of assessment to determine instructional needs, design and deliver effective instruction and communicate assessment results to appropriate audiences in a multi-tiered system of support.

| Title | Tags |
| --- | --- |
| Multi-tiered system of instructional support | 178352, 6 |

**Learning Outcome**
Teacher candidates will be able to define, design and employ evidenced-based instructional practices within a multi-tiered system of support.

| Title | Tags |
| --- | --- |
| Define and apply curriculum standards | 178353, 4 |

**Learning Outcome**
Teacher candidates will be able to describe their role and responsibility regarding curriculum standards and ensure that curriculum addresses the needs of diverse students.

school classrooms.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
12

**Other Prerequisites**
Background check.
Fingerprint clearance.
Concurrent enrollment in ELED 310.

| Title | Tags |
| --- | --- |
| Levels of Teacher Control | 212354, 0, 1 |

**Learning Outcome**
Compare and contrast various levels of teacher control and describe how each level would look in the classroom setting.

| Title | Tags |
| --- | --- |
| Motivation Theory & Application | 212355, 0, 2 |

**Learning Outcome**
Based on knowledge of motivation theory, develop and implement various approaches and strategies for motivating students.

| Title | Tags |
| --- | --- |
| Learning Environment | 212356, 0, 3 |

**Learning Outcome**
Explain how to effectively establish and maintain elements of a nurturing, effective, productive learning environment, including: rules, procedures, rapport, and the physical space.

**Title**
Use assessment data to define and address student needs

**Tags**
178361, 4

**Learning Outcome**
Teacher candidates will be able to synthesize and employ assessment evidence to inform instructional decision-making, interpret data to evaluate instruction, and apply a problem-solving process to address students' cognitive, social-emotional and linguistic learning needs within a multi-tiered system of support.

**Title**
Instructional Design and Assessment for All Learners

**Tags**
178936, 1

**Learning Outcome**

Teacher candidates will be able to describe, define and apply the principles and science of assessment to determine instructional needs, design and deliver effective instruction and communicate assessment results to appropriate audiences in a multi-tiered system of support.
Teacher candidates will be able to describe their role and responsibility regarding curriculum standards and ensure that curriculum addresses the needs of diverse students.
Teacher candidates will be able to synthesize and employ assessment evidence to inform instructional decision-making, interpret data to evaluate instruction, and apply a problem-solving process to address students' cognitive, social-emotional and linguistic learning needs within a multi-tiered system of support.
Teacher candidates will be able to define, design and employ evidenced-based instructional practices within a multi-tiered system of support.

**Title**
Behavior Interventions

**Tags**
212357, 0, 4

**Learning Outcome**
Develop and implement a plan to address misbehavior with various, appropriate levels of response.

**Title**
Performance & Disposition Evaluation

**Tags**
212358, 0, 5

**Learning Outcome**
Demonstrate a 'developing' level of competency and disposition of a classroom teacher as evidenced by the summative evaluations using university-based observations.

## EL ED 310 - Planning and Assessment 1

### Course Information

## EL ED 323 - Foundations of Literacy Development

Teaching Area (new)
EL ED
Course Number
310
Teaching Area
EL ED
Course Title
Planning and Assessment 1
Course Description
Instruction in foundational knowledge and skills necessary to design quality lesson plans and assessments including an understanding of content standards, rationale and design for a variety of assessments, and elements of effective lesson planning.
Department
Teacher Education
When Taught
Fall and Winter

### Credit Hours

Min
2
Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
2

Other Prerequisites
Background check.
Fingerprint clearance.
Concurrent enrollment in El Ed 299R.

Title
Contextual Factors
Tags
212595, 0, 1
Learning Outcome
Teacher candidates will describe various key contextual factors, how they impact instruction, and what steps the teacher will take to attend to the specific setting in which he/she is teaching.

Title
Lesson Planning
Tags
212596, 0, 2
Learning Outcome
Teacher candidates will demonstrate the ability to develop clear, effective, aligned lesson plans based on core standards.

## Course Information

Teaching Area (new)
EL ED
Course Number
323
Teaching Area
EL ED
Course Title
Foundations of Literacy Development
Course Description
Language and literacy development for first and second language learners including theoretical underpinnings, processes, historical foundations, and instructional contexts that support language and literacy development for all K-6 children.
Department
Teacher Education
When Taught
Fall, Winter, Spring

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Admittance into elementary education program.

Title
Theories and Process of Reading and Writing
Tags
179049, 1
Learning Outcome
Explain, compare and critique theories of reading and writing processes and development with supporting research evidence. (ILA Standard 1.1.1)

Title
Language Processes
Tags
179050, 2
Learning Outcome
Explain and apply first language acquisition processes that support literacy development across elementary years, e.g., cueing systems, vocabulary, teacher talk). (ILA Standard 1.1.2)

**Title**
Formative and Summative Assessment

**Tags**
212597, 0, 3

**Learning Outcome**
Teacher candidates will create technically sound formative and summative assessments taking into consideration issues of validity and reliability.

**Title**
Key Components of Effective Planning and Assessment

**Tags**
212598, 0, 4

**Learning Outcome**
Teacher candidates will explain key components of effective planning and assessment (e.g., learning theory, accessing and using core standards, backward design, validity and reliability, principles of instructional multi-tiered systems of support).

**Title**
Second Language and Literacy Acquisition

**Tags**
179051, 3

**Learning Outcome**
Explain, apply, and compare/contrast knowedge about second language literacy development in context. (ILA Standard 1.1.3 & 9)

**Title**
Literacy Processes

**Tags**
179052, 4

**Learning Outcome**
Explain and apply reading and writing development across elementary years, e.g., word recognition, language comprehension, strategic knowledge, spelling, qualities of good writing, and reading/writing connections. (ILA Standard 1.1.2)

**Title**
Historical Foundations of Literacy Instruction

**Tags**
179053, 5

**Learning Outcome**
Identify and synthesize major milestones in literacy instruction.(ILA Standard 1.2.1)

# EL ED 324 - Foundations of Classroom Management

## Course Information

**Teaching Area (new)**
EL ED

**Course Number**
324

**Teaching Area**
EL ED

**Course Title**
Foundations of Classroom Management

**Course Description**
Exploring philosophies of classroom management focusing on promoting child guidance in an engaging and effective K-6 classroom learning environment.

**Department**
Teacher Education

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

# EL ED 330 - K-2 Practicum Seminar

## Course Information

**Teaching Area (new)**
EL ED

**Course Number**
330

**Teaching Area**
EL ED

**Course Title**
K-2 Practicum Seminar

**Course Description**
Prepare for and reflect on the K-2 practicum experience.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- EL ED 203 - Foundations of Multicultural Education

**Additional Comments:**

| Title | Tags |
|---|---|
| Professionalism | 208256, 0, 2 |

**Learning Outcome**
Demonstrate professionalism in the practicum setting.

| Title | Tags |
|---|---|
| El Ed 324 Course Outcomes | 179045, 0, 1 |

**Learning Outcome**
Throughout this course, the students will:

Compare and contrast management theories and approaches to classroom management.
Identify ways to prevent management problems.
Describe practical approaches for management interventions or ways of addressing problems that arise.
Identify the components of an effective learning environment.
Identify practices and strategies of a democratic classroom.
Explore ways to motivate children using effective motivational theories.
Formulate a personal management philosophy.
Create a classroom management plan.
Describe how needs of diverse

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

**Other Prerequisites**
Concurrent enrollment in El Ed 332
**Note**
Sections are added by envelope with corresponding section of EL ED 332.

| Title | Tags |
|---|---|
| El Ed 330 Course Outcomes | 178881, 1 |

**Learning Outcome**
Throughout this course, the students will:

discuss and make connections between the theoretical knowledge from foundational courses in the elementary education program to the experiences they will have during their K-2 practicum.
self-evaluate their professional dispositions about teaching and learning.
be expected to identify and practice professional attitudes about teaching and learning.
develop planning skills.
identify best teaching strategies and practices, focusing on K-2 classrooms.
revisit and update their classroom management plan.
identify and practice those foundational principles associated with the BYU/Public School Partnership and the McKay School of Education, including Utah Effective Teaching Standards and the Partnership Vision and Commitments.

Describe how needs of diverse learners are met in various components of management. Identify management approaches that align with the vision of the McKay School of Education and the Educator Preparation Program.

## EL ED 332 - Practicum in Grades K-2

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
332

**Teaching Area**
EL ED

**Course Title**
Practicum in Grades K-2

**Course Description**
Applying knowledge from foundational and content courses to teaching in a K-2 setting. Observing, planning, teaching, assessing, and reflecting in a public school setting.

**Department**
Teacher Education

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- EL ED 324 - Foundations of Classroom Management

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in El Ed 330; FBI fingerprint and background

## EL ED 333 - Teaching Literacy in the Primary Grades (K-2)

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
333

**Teaching Area**
EL ED

**Course Title**
Teaching Literacy in the Primary Grades (K-2)

**Course Description**
Instructional practices for teaching children the literacy concepts, skills, and strategies they need to learn in grades K-2. Assessing, monitoring, and evaluating children's literacy knowledge and learning in grades K-2.

**Department**
Teacher Education

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in El Ed 299R.

**Title**
Assessment

**Tags**
179054, 1

**Learning Outcome**
Teacher candidates will be able to administer, score, and interpret a variety of assessments appropriate for use in screening, diagnostic, monitoring, and

concurrent enrollment in El Ed 330; FBI fingerprint and background clearance.

**Note**

Sections are added by envelope with corresponding section of El Ed 330.

| Title | Tags |
| --- | --- |
| El Ed 332 Course Outcomes | 178885, 1 |

**Learning Outcome**

Throughout this practicum, all practice will be focused on children and classes in grades K-2. Each student will:

apply appropriate planning skills.
implement appropriate and effective pedagogy.
demonstrate high levels of professionalism.

diagnostic, monitoring, and outcome literacy assessment in primary grades (e.g., running records, Clay's observation survey, phonemic awareness assessment, DIBELS). (See ILA Standard 3)

| Title | Tags |
| --- | --- |
| Literacy Environment | 179055, 2 |

**Learning Outcome**

Teacher candidates will be able to identify and evaluate key aspects of an effective literacy environment in a primary grade classroom. (See ILA Standard 5)

| Title | Tags |
| --- | --- |
| Instruction | 179056, 3 |

**Learning Outcome**

Teacher candidates will be able to plan and implement primary grade literacy instruction for whole class, small groups, and individual students (e.g., read aloud, shared reading, guided reading, independent reading, shared writing interactive writing, language experience). (See ILA Standard 2)

| Title | Tags |
| --- | --- |
| Learner Development | 179057, 4 |

**Learning Outcome**

Teacher candidates will plan and implement primary grade literacy instruction that is linked to student backgrounds across a variety of diverse characteristics. (See ILA Standard 4)

| Title | Tags |
| --- | --- |
| Curriculum | 179058, 5 |

**Learning Outcome**

Teacher candidates will use foundational knowledge to design and/or implement instruction that develops primary grade students' word recognition, language comprehension, strategic knowledge and reading/writing connections. (See ILA Standard 2)

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Professional Learning | 179059, 6 |

**Learning Outcome**
Teacher candidates will examine their dispositions and orientation regarding their own reading and writing and the teaching of reading and writing, and pursue the development of individual professional knowledge and behaviors. (See ILA Standard 6)

## EL ED 340 - Children's Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EL ED | 340 |

**Teaching Area**
EL ED
**Course Title**
Children's Literature
**Course Description**
Trends and titles in children's and adolescent literature. Reading and critiquing as well as practical uses of children's literature in both school and home.
**Department**
Teacher Education
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Elementary education or early childhood education major or pre-major status.
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu

| Title | Tags |
| --- | --- |
| Evaluating Children's Books | 178559, 1 |

## EL ED 343 - Language Acquisition in Elementary Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EL ED | 343 |

**Teaching Area**
EL ED
**Course Title**
Language Acquisition in Elementary Education
**Course Description**
Processes and variables in native- and second-language development. Fostering efficient acquisition of language, cognitive, and academic skills in second-language environments.
**Department**
Teacher Education
**When Taught**
Contact Department

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- EL ED 203 - Foundations of Multicultural Education

Learning Outcome
1. Students will understand and apply criteria in evaluating children's books for quality and function.

| Title | Tags |
| --- | --- |
| Knowledge Base in Children's Literature | 178560, 2 |

Learning Outcome
2. Students will gain a knowledge base concerning the field of children's literature as contained in the assigned textbook and class lectures.

Additional Comments:

Other Prerequisites
major status

| Title | Tags |
| --- | --- |
| Language Acquisition in El Ed | 178903, 1 |

Learning Outcome
El Ed 343 is currently an inactive course. Learning outcomes will be created when this course is offered.

## EL ED 344 - Content-Based Literacy

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
344

**Teaching Area**
EL ED

**Course Title**
Content-Based Literacy

**Course Description**
Instructional methods, strategies, and materials for integrating curriculum content and language instruction. Teaching, creating, and adapting lesson materials in a multicultural context.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
El Ed 343 or concurrent enrollment.

**Title**
Content-Based Literacy

**Tags**
178904, 1

**Learning Outcome**
El Ed 344 is currently an inactive course. Learning outcomes will be created when this course is offered.

## EL ED 345 - Family, School, and Community Partnership

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
345

**Teaching Area**
EL ED

**Course Title**
Family, School, and Community Partnership

**Course Description**
Standards, principles, policies, and processes of collaborating with parents, families, schools, and communities in fostering and sustaining the development of children and youth.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
El Ed 344 or concurrent enrollment

**Title**
Family, School and Community Partnership

**Tags**
178905, 1

**Learning Outcome**
El Ed 345 is currently an inactive course. Learning outcomes will be created when this course is offered.

## EL ED 399R - Classroom Management and Practicum 2

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
399R

## EL ED 400R - Elementary Student Teaching

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
400R

**Teaching Area**
EL ED

**Teaching Area**
EL ED
**Course Title**
Classroom Management and Practicum 2
**Course Description**
Instruction on establishing community, personal management philosophy, severe/chronic misbehavior, systems of management, and the BYU-PSP Commitments. Clinical experience includes observation, practice, and reflection in a K-6 grade classroom.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
12

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- EL ED 299R - Classroom Management and Practicum 1

Prerequisites

**Complete ALL of the following Courses:**
- EL ED 332 - Practicum in Grades K-2

**Additional Comments:**

**Other Prerequisites**
Background check. Fingerprint clearance. Concurrent enrollment in ELED 410.

| Title | Tags |
|---|---|
| Personal Management Philosophy | 211882, 0, 1, 2022-05-24 13:48:29 |

**Learning Outcome**
Create a personal philosophy of classroom management based on

EL ED
**Course Title**
Elementary Student Teaching
**Course Description**
Supervised, full-day experience to develop and demonstrate competence in teaching at the elementary school level. Observations are conducted and feedback provided throughout the experience as the responsibility for teaching increases across the semester.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
12

**Other Prerequisites**
Prior application; total GPA of 2.70, at least a C grade in all major and minor courses; FBI fingerprint background clearance.
**Note**
See Education Advisement Center for application dates.

| Title | Tags |
|---|---|
| El Ed 400R Course Outcomes | 178886, 0, 1 |

**Learning Outcome**
Participating in the Public School Setting
The student teacher will:

observe and reflect with the intent to improve practice.
effectively manage children in all facets of a school setting.
increase his or her responsibility until they are operating as the regular classroom teacher.
apply knowledge from various content courses as they relate to teaching in an elementary classroom.
apply knowledge of various pedagogical methods for planning, teaching, and assessing and when they are most appropriate.
demonstrate high levels of professionalism during their student teaching.
create a Praxis Performance Assessment for Teachers (PPAT) that measures their skills in using contextual factors, planning, assessment, lesson design, interpretation of student performance, and reflection.

an understanding of various management theories, levels of teacher control, and experiences in the classroom.

| Title | Tags |
| --- | --- |
| Building Community | 211883, 0, 2, 2022-05-24 13:48:29 |

**Learning Outcome**
Teacher candidates will develop a specific plan for building community within the classroom, including effective communication.

| Title | Tags |
| --- | --- |
| Systems of Management | 211884, 0, 3, 2022-05-24 13:48:29 |

**Learning Outcome**
Teacher candidates will describe various systems of management, how to handle severe/chronic misbehavior, and emergency response procedures.

| Title | Tags |
| --- | --- |
| Partnership Commitments & Democracy in the Classroom | 211885, 0, 4, 2022-05-24 13:48:29 |

**Learning Outcome**
Teacher candidates will synthesize the importance of the five BYU-Public School Partnership Commitments and develop a specific plan for incorporating various aspects of democracy in the classroom.

| Title | Tags |
| --- | --- |
| Performance & Disposition Evaluation | 211886, 0, 5, 2022-05-24 13:48:29 |

**Learning Outcome**
Demonstrate a “beginning” level competency and disposition of a classroom teacher as evidenced by the summative evaluations using university-based observations.

## EL ED 410 - Planning and Assessment 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EL ED | 410 |

Teaching Area

## EL ED 435 - Teaching Writing in the Elementary Grades (K-6)

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

Teaching Area
EL ED
Course Title
Planning and Assessment 2
Course Description
This course attends to advanced levels of planning and assessment (e.g., accommodation, differentiation, levels of planning, integration, response to intervention). Students will have the opportunity to work in a Professional Learning Community to maximize planning and assessment.
Department
Teacher Education
When Taught
Fall and Winter

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
2

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EL ED 310 - Planning and Assessment 1

Additional Comments:

Other Prerequisites
Background check and fingerprinting
Concurrent enrollment in EL ED 399R

| Title | Tags |
| --- | --- |
| Contextual Factors | 212603, 0, 1, 2022-12-20 16:44:08 |

Learning Outcome
Teacher candidates will describe various key contextual factors, how they impact instruction and assessment in terms of accommodations and differentiation, and what steps the teacher will take to attend to the specific setting in which they are teaching.

EL ED 435
Teaching Area
EL ED
Course Title
Teaching Writing in the Elementary Grades (K-6)
Course Description
This course will help teacher candidates understand reading and writing development in children in grades K-6 and the implications and applications within an elementary classroom setting.
Department
Teacher Education
When Taught
Fall and Winter

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Other Prerequisites
Concurrent enrollment in EL ED 299R or El Ed 399R

| Title | Tags |
| --- | --- |
| Foundational Knowledge | 212607, 0, 1, 2022-12-20 16:44:35 |

Learning Outcome
Teacher candidates will use foundational knowledge to design and implement instruction that develops a child's ability to write, spell, and use grammar effectively.

| Title | Tags |
| --- | --- |
| Language Arts Instruction and the Writing Process | 212608, 0, 2, 2022-12-20 16:44:35 |

Learning Outcome
Teacher candidates will plan and implement writing and language arts instruction and the writing process using whole class, small groups, and/or meeting with individual students, as needed.

| Title | Tags |
| --- | --- |
| Developmental Trajectories | 212609, 0, 3, 2022-12-20 16:44:35 |

| Title | Tags |
| --- | --- |
| Levels of Planning | 212604, 0, 2, 2022-12-20 16:44:08 |

**Learning Outcome**
Teacher candidates will design various levels of planning, including daily small box lesson plans, unit planning, and yearly curriculum mapping.

| Title | Tags |
| --- | --- |
| Accommodation and Differentiation | 212605, 0, 3, 2022-12-20 16:44:08 |

**Learning Outcome**
Teacher candidates will describe the rationale and process of appropriate accommodations and differentiation to meet specific needs of individual students, including Response to Intervention and Multi-tiered Systems of Support, and will differentiate and accommodate for student needs during practicum teaching experiences.

| Title | Tags |
| --- | --- |
| Professional Learning Community | 212606, 0, 4, 2022-12-20 16:44:08 |

**Learning Outcome**
Teacher candidates will describe effective participation in Professional Learning Communities for both planning and assessment purposes.

**Learning Outcome**
Teacher candidates will attend to the developmental trajectories of students, including linguistic and cultural differences, to plan and implement writing and language arts instruction.

| Title | Tags |
| --- | --- |
| Appropriate Assessment | 212610, 0, 4, 2022-12-20 16:44:35 |

**Learning Outcome**
Teacher candidates will administer, score, and utilize a variety of assessments appropriate for use in screening, diagnostic, monitoring, and outcome writing and spelling assessment.

## EL ED 440 - Grades 3-6 Practicum Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EL ED | 440 |

**Teaching Area**
EL ED
**Course Title**
Grades 3-6 Practicum Seminar
**Course Description**
Prepare for and reflect on the 3-6 practicum experience.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**

## EL ED 442 - Practicum in the Elementary Education 3-6 Classroom

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EL ED | 442 |

**Teaching Area**
EL ED
**Course Title**
Practicum in the Elementary Education 3-6 Classroom
**Course Description**
Applying knowledge from foundational and content courses to teaching in a 3-6 classroom. Observing, planning, teaching, assessing, and reflecting in a 3-6 public school setting.
**Department**
Teacher Education
**When Taught**
Fall and Winter

1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- EL ED 332 - Practicum in Grades K-2

**Additional Comments:**

**Other Prerequisites**
concurrent with El Ed 442; FBI fingerprint and background clearance
**Note**
Sections are added by envelope with corresponding section of EL ED 442.

| Title | Tags |
|---|---|
| El Ed 440 Course Outcome | 178882, 1 |

**Learning Outcome**
Throughout this course, the students will:

discuss and make connections between the theoretical knowledge from foundational courses in the elementary education program to the experiences they will have during their 3-6 practicum.
self-evaluate their professional dispositions about teaching and learning.
be expected to identify and practice professional attitudes about teaching and learning.
identify contextual factors that impact teaching and learning.
identify best teaching strategies and practices, focusing on 3-6 classrooms.
increase planning skills.
revisit and update their classroom management plan.
identify and practice those foundational principles

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- EL ED 332 - Practicum in Grades K-2

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in El Ed 440
**Note**
Sections are added by envelope with corresponding section of El Ed 440.

| Title | Tags |
|---|---|
| El Ed 442 Course Outcomes | 178883, 1 |

**Learning Outcome**
Throughout this practicum, all practice will be focused on children and classes in grades 3-6. Each El Ed 442 student will:

apply principles of effective classroom management and learning environments.
apply appropriate planning skills.
implement appropriate and effective pedagogy.
demonstrate high levels of professionalism.

associated with the BYU/Public School Partnership and the McKay School of Education, including the Utah Effective Teaching Standards and the Partnership Vision and Commitments.

## EL ED 443 - Teaching Literacy in the Intermediate Grades (3-6)

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
443

**Teaching Area**
EL ED

**Course Title**
Teaching Literacy in the Intermediate Grades (3-6)

**Course Description**
Information and skills needed to make informed decisions about literacy instruction and evaluation. Establishing an effective 3-6 grade classroom literacy environment.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- EL ED 333 - Teaching Literacy in the Primary Grades (K-2)

**Additional Comments:**

**Other Prerequisites**

## EL ED 445 - Teaching Social Studies in Grades K-6

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
445

**Teaching Area**
EL ED

**Course Title**
Teaching Social Studies in Grades K-6

**Course Description**
The methods, skills, and strategies for teaching social studies in grades K-6. Modeling democratic teaching practices and establishing democratic classrooms to prepare children to assume roles as participatory citizens in a democracy.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in El Ed 299R or El Ed 399R.

**Title**
El Ed 445 Course Outcomes

**Tags**
178879, 1

**Learning Outcome**

Students will demonstrate their understanding of the history, purpose and current status of social studies in the classroom. Students will identify and

Concurrent enrollment in El Ed 299R or El Ed 399R.

| Title | Tags |
| --- | --- |
| Professional Identity | 179060, 1 |

**Learning Outcome**
Teacher candidates will engage in personal reflection to develop a professional identity and engage collaboratively with learners, families, colleagues, community members and demonstrate the highest ethical standards of the teaching profession. (See ILA Standard 6)

| Title | Tags |
| --- | --- |
| Assessment | 179061, 2 |

**Learning Outcome**
Teacher candidates will be able to administer, score, and interpret a variety of assessmeents appropriate for use in screening, diagnostic, monitoring, & outcome literacy assessments in intermediate grades. (ILA Standard 3)

| Title | Tags |
| --- | --- |
| Literacy Environment | 179062, 3 |

**Learning Outcome**
Teacher candidates will be able to identify and evaluate key aspects of an effective literacy environment in an intermediate classroom. (See ILA Standard 5)

| Title | Tags |
| --- | --- |
| Instruction | 179063, 4 |

**Learning Outcome**
Teacher candidates will be able to plan and implement intermediate grade literacy instruction for whole class, small groups, and indivdiual students (e.g., read aloud, shared reading, guided reading, independent reading, shared writing, independent writing). (See ILA Standard 2)

| Title | Tags |
| --- | --- |
| Learner Development | 179064, 5 |

**Learning Outcome**
Teacher candidate will plan and implement intermediate grade literacy instruction that is linked

Students will identify and recognize democratic principles and practices in the social studies curriculum, in K-6 classrooms, and in society.
Students will demonstrate the ability to appropriately plan for teaching social studies.
Teacher candidates will experience and participate in various strategies appropriate for teaching K-6 social studies.

literacy instruction that is linked to student backgrounds across a variety of diverse characteristics. (See ILA Standard 4)

| Title | Tags |
| --- | --- |
| Curriculum | 179065, 6 |

**Learning Outcome**
Teacher candidates will use foundational knowledge to design and/or implement instruction that develops intermediate grades students' comprehension, fluency, vocabulary, writing, and content area literacy skills. (See ILA Standard 2)

## EL ED 446 - Teaching Science in Grades K-6

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EL ED | 446 |

**Teaching Area**
EL ED
**Course Title**
Teaching Science in Grades K-6
**Course Description**
Developing the pedagogical knowledge, skills, and dispositions necessary to teach science to elementary children of various ages, abilities, backgrounds, and exceptionalities.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in El Ed 299R or El Ed 399R.

## EL ED 447 - Teaching Mathematics in Grades K-6

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EL ED | 447 |

**Teaching Area**
EL ED
**Course Title**
Teaching Mathematics in Grades K-6
**Course Description**
The teaching and learning of elementary school mathematics guided by current principles relating to mathematics content, social interaction, student thinking, and child development.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

| Title | Tags |
| --- | --- |
| El Ed 446 Course Outcomes | 178880, 1 |

**Learning Outcome**

Teacher candidates will evaluate their personal dispositions, development, and growth toward becoming a teacher of science.
Teacher candidates will identify and describe purposes for teaching science in K-6 classrooms.
Teacher candidates will explain what science is and how children learn science, including the knowledge and reasoning skills students must acquire to become proficient in science.
Teacher candidates will recognize the practices, crosscutting concepts, and core ideas of science and engineering and how they influence science instruction in K-6 classrooms.
Teacher candidates will plan for science instruction for children of various ages, abilities, backgrounds, and exceptionalities, including how to (a) identify appropriate science content from national standards and state core curricula; (b) apply a variety of appropriate teaching methods and strategies to support science learning; (c) integrate science with other disciplines across the elementary curriculum; and (d) employ appropriate assessment methods and strategies.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MTHED 305 - Basic Concepts of Mathematics
  **AND** MTHED 306 - Concepts of Mathematics

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in El Ed 299R or El Ed 399R.

| Title | Tags |
| --- | --- |
| Design, implement, and evaluate inquiry-based lessons | 212857, 0, 2 |

**Learning Outcome**
Design, implement, and evaluate inquiry-based lessons as structured by the Launch-Explore-Summarize (Discuss/Debrief) teaching and learning sequences.

| Title | Tags |
| --- | --- |
| Create high levels of mathematical interaction | 212859, 0, 4 |

**Learning Outcome**
Create high levels of mathematical interaction by planning for discussion, questioning, and establishing a supportive classroom environment.

| Title | Tags |
| --- | --- |
| Adapt instruction | 212860, 0, 5 |

**Learning Outcome**
Adapt instruction to address the diverse learning strengths and needs of both groups and individuals.

| Title | Tags |
| --- | --- |
| Assess student learning | 212861, 0, 6 |

**Learning Outcome**
Assess student learning, both formatively and summatively, using a range of appropriate strategies, and employ the results of assessment in guiding instruction.

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Practice professionalism | 212862, 0, 7 |

**Learning Outcome**
Practice professionalism: In commitment to learning to teach, in appearance and demeanor, and in the quality of work submitted.

| Title | Tags |
| --- | --- |
| Establish mathematics goals | 212863, 0, 8 |

**Learning Outcome**
Establish mathematics goals that accommodate students' varied mathematical trajectories and align appropriately with state content and practice standards as well as informal and formal assessments of student thinking.

| Title | Tags |
| --- | --- |
| Select and/or design worthwhile mathematical tasks | 212856, 0, 1 |

**Learning Outcome**
Select and/or design worthwhile mathematical tasks according to the research-based learning trajectories that characterize learning in the five mathematical domains.

| Title | Tags |
| --- | --- |
| Anticipate student mathematical thinking | 212858, 0, 3 |

**Learning Outcome**
Anticipate student mathematical thinking (for planning lessons and/or units, orchestrating discourse, questions, etc.) according to the research-based learning trajectories that characterize learning in the five mathematical domains.

## EL ED 493R - Independent Readings or Project

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EL ED | 493R |

**Teaching Area**
EL ED
**Course Title**
Independent Readings or Project

## EL ED 496R - Academic Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EL ED | 496R |

**Teaching Area**
EL ED
**Course Title**
Academic Internship
**Course Description**

Independent Reading or Project
**Course Description**
Students meet with the instructor to assemble an individualized reading program in Elementary Education and agree upon the topic and organization of the course.
**Department**
Teacher Education
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Departmental approval

| Title | Tags |
|---|---|
| Professional Development | 178757, 0 |

**Learning Outcome**
Students will explore and demonstrate knowledge in an area of specialization under the direction of a faculty member.

A full-year classroom teaching internship in the public schools.
**Department**
Teacher Education
**When Taught**
Fall

### Credit Hours

**Min**
8

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 2.70, at least a C grade in all major and minor courses; FBI fingerprint background clearance.
**Note**
NOTE: See Education Student Services for application dates. NOTE: An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| El Ed 496R Course Outcomes | 178884, 0, 1 |

**Learning Outcome**
Participating in the Public School Setting
The intern will:

reflect with the intent to improve practice.
establish and maintain an effective learning environment.
effectively manage children in all facets of a school setting.
be a full-time teacher for one school year.
apply knowledge from various content courses as they relate to teaching in an elementary classroom.
apply knowledge of various pedagogical methods for planning, teaching, and assessing and when they are most appropriate.
consistently engage collaboratively with colleagues and parents.
demonstrate high levels of professionalism during their internship.
create a Praxis Performance Assessment for Teachers (PPAT) that measures their skills in using contextual factors, planning, assessment, lesson design, interpretation of student performance, and reflection.

## EL ED 589R - K-6 Rational Number

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
K-6 Rational Number

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
K-6 Rational Number

**Tags**
178924, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Special Topics in Education

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Special Topics in Education

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Special Topics in Education

**Tags**
178906, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Literature for Young People

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Literature for Young People

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Literature for Young People

**Tags**
178915, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Analysis of Teaching and Learning

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Analysis of Teaching and Learning

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Analysis of Teaching and Learning

**Tags**
178923, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Content-Area Literacy

### Course Information

**Teaching Area (new)**
EL ED
**Course Number**
589R
**Teaching Area**
EL ED
**Course Title**
Content-Area Literacy
**Department**
Teacher Education
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Content-Area Literacy
**Tags**
178916, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Techniques for Elementary Math

### Course Information

**Teaching Area (new)**
EL ED
**Course Number**
589R
**Teaching Area**
EL ED
**Course Title**
Techniques for Elementary Math
**Department**
Teacher Education
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Techniques for Elementary Math
**Tags**
178927, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Literacy Specialist Practicum

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Literacy Specialist Practicum

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Literacy Specialist Practicum

**Tags**
178920, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Writing Instruction

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Writing Instruction

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Writing Instruction

**Tags**
178909, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Arts Education

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Arts Education

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

## EL ED 589R - Literacy Development and Instruction

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Literacy Development and Instruction

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Literacy Development and Instruction

**Tags**
178917, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Foundations of Literacy

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Foundations of Literacy

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Foundations of Literacy

**Tags**
178913, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Mathematics

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Mathematics

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Mathematics

**Tags**
178911, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Organization and Administration of Reading Programs

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Organization and Administration of Reading Programs

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Org and Admin of Reading Programs

**Tags**
178921, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Literacy Assessment and Intervention

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Literacy Assessment and Intervention

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Literacy Assessment

**Tags**
178914, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Children's Literature

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Children's Literature

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Children's Literature

**Tags**
178907, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Math Pedagogy for Elementary

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Math Pedagogy for Elementary

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Math Pedagogy for Elementary

**Tags**
178929, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Perspectives on Elementary Learner

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Perspectives on Elementary Learner

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Perspectives on the Elementary Learner

**Tags**
178928, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Supervision of Literacy Programs

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Supervision of Literacy Programs

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Supervision of Literacy Program

**Tags**
178919, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Technology Practicum

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Technology Practicum

**Course Description**
Supervised experiences in designing, planning, and implementing effective instruction utilizing a variety of technology resources in school settings.

**Department**
Teacher Education

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Recommended**
Enrolled in EL ED 589R: Designers of Learning for Tomorrow's World endorsement course.

## EL ED 589R - K-6 Algebra and Geometry

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
K-6 Algebra and Geometry

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
K-6 Algebra and Geometry

**Tags**
178925, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Comprehension Instruction

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Comprehension Instruction

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Comprehension Instruction

**Tags**
178918, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Effective Teaching

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Effective Teaching

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Effective Teaching

**Tags**
178910, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Classroom Management

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Classroom Management

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Classroom Management

**Tags**
178908, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - Utah Math Core Curriculum

### Course Information

**Teaching Area (new)**
EL ED

**Course Number**
589R

**Teaching Area**
EL ED

**Course Title**
Utah Math Core Curriculum

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
Utah Math Core Curriculum

**Tags**
178922, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## EL ED 589R - K-6 Math Topics (TBA)

### Course Information

**Teaching Area (new)**
EL ED
**Course Number**
589R
**Teaching Area**
EL ED
**Course Title**
K-6 Math Topics (TBA)
**Department**
Teacher Education
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
Does not count toward a graduate degree without prior approval.

**Title**
K-6 Math Topics
**Tags**
178926, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## ELING 150 - First-Year Writing for International Students

### Course Information

**Teaching Area (new)**
ELING
**Course Number**
150
**Teaching Area**
ELING
**Course Title**
First-Year Writing for International Students
**Course Description**
Processes of academic writing, reading, and research for international students who have English as their second language.
**Department**
Linguistics
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
NOTE: For non-native English speakers only. NOTE: Fulfills GE First-Year Writing requirement. NOTE: Seats may be available to Freshman Mentoring participants through envelopes. NOTE: Contact the Liberal Arts Advisement Center for assistance registering (801-422-3541).

## ELING 223 - Introduction to the English Language

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
223

**Teaching Area**
ELING

**Course Title**
Introduction to the English Language

**Course Description**
Overview of English from linguistic point of view, emphasizing structure of English and social, biological, and psychological aspects of language.

**Department**
Linguistics

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## ELING 273 - Introduction to English Linguistic Research Methods

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
273

**Teaching Area**
ELING

**Course Title**
Introduction to English Linguistic Research Methods

**Course Description**
The use of large collections of texts for teaching and particularly for research, including the study of many different types of linguistic variation.

**Department**
Linguistics

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
ELING 223 or concurrent enrollment.

## ELING 310R - Writing Tutorial for Multilingual Students

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
310R

**Teaching Area**
ELING

**Course Title**
Writing Tutorial for Multilingual Students

**Course Description**
L2 and other multilingual writers will be paired with a trained Writing Center undergraduate peer tutor who will meet with them weekly throughout the semester, supporting them in their writing goals, helping them refine their writing processes, and providing them with feedback and focused collaborative experiences related to their writing.

**Department**
Linguistics

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

## ELING 322 - Modern American Usage

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
322

**Teaching Area**
ELING

**Course Title**
Modern American Usage

**Course Description**
Current conventions and effective use of American English.

**Department**
Linguistics

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Understanding variation

**Tags**
214769, 0, 4

**Learning Outcome**

Students will be able to cast usage rules in terms of language variation.

**Title**
Using research tools

**Tags**
214772, 0, 5

**Learning Outcome**

Use research tools to critically assess usage rules

## ELING 324 - History of the English Language

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
324

**Teaching Area**
ELING

**Course Title**
History of the English Language

**Course Description**
Basic changes from Old English to modern English, including modern American dialects.

**Department**
Linguistics

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
ELING 223 or LING 201, or concurrent enrollment.

## ELING 325 - The Grammar of English

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
325

**Teaching Area**
ELING

**Course Title**
The Grammar of English

**Course Description**
Structure of English grammar in various applications.

**Department**
Linguistics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
ELing 223 or Ling 201 or concurrent enrollment.

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

## ELING 326 - English Semantics and Pragmatics

### Course Information

**Teaching Area (new)**
ELING
**Course Number**
326
**Teaching Area**
ELING
**Course Title**
English Semantics and Pragmatics
**Course Description**
Structure of meaning in words, phrases, and discourse. Lexical semantics and the mental lexicon; phrase-level meaning; interaction of situation and meaning.
**Department**
Linguistics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ELING 223 - Introduction to the English Language

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

## ELING 327 - English Phonetics and Phonology

### Course Information

**Teaching Area (new)**
ELING
**Course Number**
327
**Teaching Area**
ELING
**Course Title**
English Phonetics and Phonology
**Course Description**
Pronunciation, perception, and interaction of English speech sounds. Dialect variation.
**Department**
Linguistics
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ELING 223 - Introduction to the English Language

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

## ELING 350 - Basic Editing Skills

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
350

**Teaching Area**
ELING

**Course Title**
Basic Editing Skills

**Course Description**
Editing theory and practice, emphasizing copyediting and basic line editing.

**Department**
Linguistics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ELING 223 - Introduction to the English Language
  **AND** ELING 322 - Modern American Usage
  **AND** ELING 325 - The Grammar of English

Prerequisites

**Complete ALL of the following Courses:**

- ELING 322 - Modern American Usage
  **AND** ELING 325 - The Grammar of English
  **AND** LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

## ELING 351R - Editing Student Journals

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
351R

**Teaching Area**
ELING

**Course Title**
Editing Student Journals

**Course Description**
Hands-on training and experience in all aspects of editing and publishing student journals.

**Department**
Linguistics

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
2

### Lecture Hours

**Fixed**
0

## ELING 362 - Discourse Analysis

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
362

**Teaching Area**
ELING

**Course Title**
Discourse Analysis

**Course Description**
Linguistic analysis of connected speech or written discourse, especially larger linguistic units above the clause level, such as conversational exchanges or written texts.

**Department**
Linguistics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ELING 223 - Introduction to the English Language

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

## ELING 375 - TESOL Listening, Speaking, and Pronunciation

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
375

**Teaching Area**
ELING

**Course Title**
TESOL Listening, Speaking, and Pronunciation

**Course Description**
Understanding basic English as a second/foreign language theories and practices for teaching and assessing listening, speaking, and pronunciation.

**Department**
Linguistics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ELING 223 - Introduction to the English Language

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

## ELING 376 - TESOL Reading, Writing, and Vocabulary

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
376

**Teaching Area**
ELING

**Course Title**
TESOL Reading, Writing, and Vocabulary

**Course Description**
Understanding basic processes of literacy development in English as a second or foreign langauge. How knowledge of these processes informs classroom literacy instruction and practices.

**Department**
Linguistics

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ELING 223 - Introduction to the English Language

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

## ELING 399R - Academic Internship: Editing and English Language

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
399R

**Teaching Area**
ELING

**Course Title**
Academic Internship: Editing and English Language

**Course Description**
On-the-job experience and education related to editing and English language studies.

**Department**
Linguistics

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
0.5

**Fixed**
9

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

## ELING 410R - Genre and Substantive Editing

### Course Information

**Teaching Area (new)**
ELING
**Course Number**
410R
**Teaching Area**
ELING
**Course Title**
Genre and Substantive Editing
**Course Description**
Exploring a different genre of publishing each semester; instruction in substantive editing.
**Department**
Linguistics
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- ELING 223 - Introduction to the English Language
  **AND** ELING 322 - Modern American Usage
  **AND** ELING 325 - The Grammar of English

Prerequisites
**Complete ALL of the following Courses:**
- ELING 322 - Modern American Usage
  **AND** ELING 325 - The Grammar of English
  **AND** LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

**Note**
Course is for Editing majors and minors only

## ELING 415 - Business of Editing and Publishing

### Course Information

**Teaching Area (new)**
ELING
**Course Number**
415
**Teaching Area**
ELING
**Course Title**
Business of Editing and Publishing
**Course Description**
The purpose of this course is to better prepare you for the business side of editing and publishing careers. You'll develop skills that are complementary to editing, such as in using advanced features of software programs, marketing publications, calculating financial information, managing projects, and increasing productivity.
**Department**
Linguistics
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- ELING 350 - Basic Editing Skills

**Additional Comments:**

**Recommended**
ELang 350

## ELING 421R - Studies in Language or Editing

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
421R

**Teaching Area**
ELING

**Course Title**
Studies in Language or Editing

**Course Description**
Studies in specialized topics about the English language or editing. Topics vary.

**Department**
Linguistics

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
6

### Lab Hours

**Fixed**
0

## ELING 430R - Editing for Publication

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
430R

**Teaching Area**
ELING

**Course Title**
Editing for Publication

**Course Description**
Refining copy editing and substantive editing skills through hands-on work with actual publications; one-on-one feedback and mentoring.

**Department**
Linguistics

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- DIGHT 230 - Introduction to Print Publishing
  **AND** ELING 350 - Basic Editing Skills
  **AND** ELING 410R - Genre and Substantive Editing

**Additional Comments:**

## ELING 447 - Early Modern English

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
447

**Teaching Area**
ELING

**Course Title**
Early Modern English

**Course Description**
English language from 1500-1700.

**Department**
Linguistics

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ELING 223 - Introduction to the English Language
  **AND** ELING 324 - History of the English Language

Prerequisites

**Complete ALL of the following Courses:**

- ELING 324 - History of the English Language
  **AND** LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

## ELING 448 - Late Modern English

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
448

**Teaching Area**
ELING

**Course Title**
Late Modern English

**Course Description**
The English language from 1700-1900, emphasizing diachronic changes.

**Department**
Linguistics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ELING 223 - Introduction to the English Language
  **AND** ELING 324 - History of the English Language

Prerequisites

**Complete ALL of the following Courses:**

- ELING 324 - History of the English Language
  **AND** LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

## ELING 468 - Introduction to Varieties of English

### Course Information

**Teaching Area (new)**
ELING
**Course Number**
468
**Teaching Area**
ELING
**Course Title**
Introduction to Varieties of English
**Course Description**
Regional and social variation in English, including world Englishes and English-based pidgins and creoles.
**Department**
Linguistics
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ELING 223 - Introduction to the English Language

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

| Title | Tags |
|---|---|
| Properties of varieties of English | 191259, 0, 1 |

**Learning Outcome**

Students will learn the basic

## ELING 477 - TESOL Basic Course and Lesson Planning

### Course Information

**Teaching Area (new)**
ELING
**Course Number**
477
**Teaching Area**
ELING
**Course Title**
TESOL Basic Course and Lesson Planning
**Course Description**
Design English as a second or foreign language course and lesson plans on principles and knowledge of learning outcomes, assessment plans, methods, materials, classroom management, and learning activities; access and use professional resources.
**Department**
Linguistics
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- ELING 325 - The Grammar of English
  **AND** ELING 375 - TESOL Listening, Speaking, and Pronunciation
  **AND** ELING 376 - TESOL Reading, Writing, and Vocabulary

**Additional Comments:**

Students will learn the basic properties of several varieties of English and be able to describe them using linguistic terminology.

| Title | Tags |
| --- | --- |
| History and Social Context | 198225, 0, 2 |

**Learning Outcome**

Students will be able to describe the social and historical contexts of different varieties and the general principles that lead to language differentiation.

| Title | Tags |
| --- | --- |
| Data Collection and Analysis | 191260, 0, 3 |

**Learning Outcome**

Students will learn to collect and analyze data using several methods.

| Title | Tags |
| --- | --- |
| Applications | 191261, 0, 4 |

**Learning Outcome**

Students will be able to apply their knowledge of language variation to a social context or a setting outside of academia.

## ELING 478 - TESOL Practicum

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
478

**Teaching Area**
ELING

**Course Title**
TESOL Practicum

**Course Description**
Synthesize and apply the foundational knowledge of the English language systems and competencies in teaching English as a second or foreign language.

**Department**
Linguistics

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ELING 325 - The Grammar of English
  **AND** ELING 375 - TESOL Listening, Speaking, and Pronunciation
  **AND** ELING 376 - TESOL Reading, Writing, and Vocabulary

**Additional Comments:**

**Other Prerequisites**
ELING 223; and ELING 477 or concurrent enrollment.

## ELING 495R - The Senior Course

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
495R

**Teaching Area**
ELING

**Course Title**
The Senior Course

**Course Description**
In-depth study of a limited area of English language. Content varies; requires research and writing.

**Department**
Linguistics

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Senior status; Applied English Linguistics major status.

## ELING 496R - TESOL Internship

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
496R

**Teaching Area**
ELING

**Course Title**
TESOL Internship

**Course Description**
Individualized work or volunteer experience in a domestic or international setting.

**Department**
Linguistics

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
0.5

**Fixed**
9

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ELING 477 - TESOL Basic Course and Lesson Planning **AND** ELING 478 - TESOL Practicum

**Additional Comments:**

**Note**
International internships must be coordinated through International Study Programs. All internships require prior departmental approval.

## ELING 521R - Studies in Language

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
521R

**Teaching Area**
ELING

**Course Title**
Studies in Language

**Course Description**
Topics vary.

**Department**
Linguistics

**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ELING 223 - Introduction to the English Language

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## ELING 522 - Language Policy and Planning in

## ELING 524 - History of the Book

## English Language Contexts

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
522

**Teaching Area**
ELING

**Course Title**
Language Policy and Planning in English Language Contexts

**Course Description**
Theories and practices of governing entities as they formulate policies relating to the status and codification of the English language.

**Department**
Linguistics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ELING 223 - Introduction to the English Language

Prerequisites

**Complete ALL of the following Courses:**

- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

**Other Prerequisites**
or equivalent.

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
524

**Teaching Area**
ELING

**Course Title**
History of the Book

**Course Description**
History and development of the book, including modern methods and practices.

**Department**
Linguistics

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## ELING 525 - Old English 1.

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
525

**Teaching Area**
ELING

**Course Title**
Old English 1.

**Course Description**
Old English grammar and vocabulary; traditional syntactical patterns in various types of Old English prose and poetry.

**Department**
Linguistics

**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ELING 324 - History of the English Language

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## ELING 526 - Middle English

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
526

**Teaching Area**
ELING

**Course Title**
Middle English

**Course Description**
Detailed study of the principal dialects of Middle English, as illustrated in the literature of the period.

**Department**
Linguistics

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ELING 324 - History of the English Language

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## ELING 529 - Structure of Modern English

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
529

**Teaching Area**
ELING

**Course Title**
Structure of Modern English

**Course Description**
A thorough consideration of the syntactic structures and patterns of Modern English, with some attention given to possible applications.

**Department**
Linguistics

**When Taught**
Spring Term Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ELING 325 - The Grammar of English

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

## ELING 535 - Language and Literature

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
535

**Teaching Area**
ELING

**Course Title**
Language and Literature

**Course Description**
Literature from a language perspective; applying linguistic constructs to literary language; examining literary style; linguistic analysis of unfamiliar texts.

**Department**
Linguistics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ELING 223 - Introduction to the English Language

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

**Other Prerequisites**
or equivalent.

## ELING 547 - Seminar in Early Modern English

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
547

**Teaching Area**
ELING

**Course Title**
Seminar in Early Modern English

**Course Description**
Seminar in a specific topic about the English language from 1500 to 1800. Emphasis on contributing to the research about this period.

**Department**
Linguistics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ELING 447 - Early Modern English

**Additional Comments:**

## ELING 548 - Old English 2

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
548

**Teaching Area**
ELING

**Course Title**
Old English 2

**Course Description**
Additional reading in Old English, emphasizing sound changes, dialects, and textual production.

**Department**
Linguistics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ELING 525 - Old English 1.

**Additional Comments:**

## ELING 568 - Varieties of English

### Course Information

**Teaching Area (new)**
ELING

**Course Number**
568

**Teaching Area**
ELING

**Course Title**
Varieties of English

**Course Description**
Research and theory of issues regarding regional and social variation in English, including world Englishes and English-based pidgins and creoles

**Department**
Linguistics

**When Taught**
Contact Department

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ELING 468 - Introduction to Varieties of English

**Additional Comments:**

## EMBA 502 - Managerial Accounting 1

### Course Information

**Teaching Area (new)**
EMBA

**Course Number**
502

**Teaching Area**
EMBA

**Course Title**
Managerial Accounting 1

**Course Description**
Objectives and procedures of cost accounting. Topics include job costing, joint product costing, cost behavior analysis, standard costs, cost allocation problems, and cost data use in management.

**When Taught**
Winter

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

## EMBA 504 - Corporate Financial Reporting

### Course Information

**Teaching Area (new)**
EMBA

**Course Number**
504

**Teaching Area**
EMBA

**Course Title**
Corporate Financial Reporting

## EMBA 506 - Entrepreneurial Innovation

### Course Information

**Teaching Area (new)**
EMBA

**Course Number**
506

**Teaching Area**
EMBA

**Course Title**
Entrepreneurial Innovation

Course Description
Analyzing financial accounting and reporting issues used by prospective managers.
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Forecast | 206985, 2 |

Learning Outcome
Forecast financial statements.

| Title | Tags |
| --- | --- |
| Analyze | 206986, 3 |

Learning Outcome
Use ratio analysis to analyze financial statements and Compute and analyze a firm's operating cycle.

| Title | Tags |
| --- | --- |
| Employ | 206987, 4 |

Learning Outcome
Employ the time value of money in a financial accounting context.

| Title | Tags |
| --- | --- |
| Construct | 206988, 1 |

Learning Outcome
Construct and interpret both a balance sheet, income statement and statement of cash flows. Also construct and use simple Excel spreadsheets in a financial accounting setting.

Course Description
Create new value through innovation. Student teams will find a customer problem and solve it through innovation with an emphasis on validation through testing.
When Taught
Fall

### Credit Hours

Min
1.5

Fixed
1.5

### Lecture Hours

Fixed
1.5

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Business Models | 176809, 1 |

Learning Outcome
Discover and prove winning business models

| Title | Tags |
| --- | --- |
| Creating Value | 176863, 0 |

Learning Outcome
Discover opportunities for creating value through new ventures

| Title | Tags |
| --- | --- |
| Time Management | 206990, 6 |

**Learning Outcome**
Independently manage time and workload for a variety of tasks.

| Title | Tags |
| --- | --- |
| Discuss | 206991, 5 |

**Learning Outcome**
Construct and interpret both a balance sheet, income statement and statement of cash flows. Also construct and use simple Excel spreadsheets in a financial accounting setting. Also, intelligently discuss the ethical dimensions of a variety of accounting-related business problems.

## EMBA 508 - Leadership: Identifying and Developing Convictions, Strengths, and Key Competencies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EMBA | 508 |

**Teaching Area**
EMBA
**Course Title**
Leadership: Identifying and Developing Convictions, Strengths, and Key Competencies
**Course Description**
Exploring current topics and issues in leadership and management. Identifying convictions and strengths necessary for effective leadership in contemporary business settings. Creating a plan for developing key competencies.
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## EMBA 520 - Business Finance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EMBA | 520 |

**Teaching Area**
EMBA
**Course Title**
Business Finance
**Course Description**
Introduction to capital procurement, capital deployment and capital distribution. Focus is on making managerial decisions that add value to the firm.
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Lab Hours**

**Fixed**
0

**Title**
Identify Your Signature Strengths and Competencies

**Tags**
176995, 4

**Learning Outcome**
Identify and describe your signature strengths and competencies and make them the focus of professional development efforts.

**Title**
Craft Your Own Story

**Tags**
176996, 2

**Learning Outcome**
Articulate a coherent and compelling story of your professional journey

**Title**
Analyze Your Organization's Culture

**Tags**
176997, 0

**Learning Outcome**
Analyze and assess the culture of your organization for the purpose of leading or influencing cultural change.

**Title**
Share Effective Messages with Your Organization

**Tags**
176998, 3

**Learning Outcome**
Introduce and manage organizational messages so that they positively influence people's perceptions and behavior.

**Title**
Test

**Tags**
177158, 5

**Learning Outcome**
New outcome

## EMBA 530 - Operations Management

### Course Information

**Teaching Area (new)** **Course Number**

## EMBA 531 - Operations Management

### Course Information

**Teaching Area (new)** **Course Number**

EMBA 530

**Teaching Area**
EMBA

**Course Title**
Operations Management

**Course Description**
Doing work efficiently and well within a company's own operation and in the connected operations of a supply chain. Topics in the course include: strategic sourcing, operations fundamentals (bottlenecks, cycle times, throughput time, work in progress, etc.), operations strategy, cellular processes, product/process fit, continuous improvement/quality/lean, forecasting, supply chain coordination, operations and organizational transformation, and capacity planning.\n\n

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Describe Operations Management & Supply Chain Management | 207157, 1 |

**Learning Outcome**
Describe what operations management and supply chain management are and how they can be managed in a scientific manner.

| Title | Tags |
| --- | --- |
| Analyze | 207159, 3 |

**Learning Outcome**
Analyze business operations using basic quantitative analysis techniques.

| Title | Tags |
| --- | --- |
| Apply Principles | 207160, 2 |

**Learning Outcome**

EMBA 531

**Teaching Area**
EMBA

**Course Title**
Operations Management

**Course Description**
Examining issues and tools in service operations, production, and operations management. Presenting and developing specific tools for forecasting, planning, inventory control, and project management.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Quantitative analysis of operations processes | 177004, 1 |

**Learning Outcome**
demonstrate mastery of basic quantitative skills required to analyze core processes.

| Title | Tags |
| --- | --- |
| Framing operational issues effectively | 177005, 2 |

**Learning Outcome**
Demonstrate the ability to develop a point of view about an operational challenge and argue persuasively for it in a professional setting.

Apply the fundamental principles of production pertaining to capacity, variability, production flow, inventory, and so forth.

| Title | Tags |
| --- | --- |
| Describe Operational and Strategy Effectiveness | 207161, 4 |

**Learning Outcome**
Describe how well a specific facility's operational effectiveness is linked to the organization's overall strategy.

| Title | Tags |
| --- | --- |
| Demonstrate | 207162, 5 |

**Learning Outcome**
Demonstrate the application of operations principles in an actual business situation.

## EMBA 545 - Human Resource Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EMBA | 545 |

**Teaching Area**
EMBA
**Course Title**
Human Resource Management
**Course Description**
Introduction to theoretical principles and best practices for selecting, assessing, motivating and developing an organization's most important asset: its employees.
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| None | 207166, 1 |

## EMBA 550 - Marketing Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EMBA | 550 |

**Teaching Area**
EMBA
**Course Title**
Marketing Management
**Course Description**
Development of analytical marketing tools and techniques; their utilization in case analysis and decision making in marketing management.
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Learning Outcome**
Recognize the importance of aligning people practices with business strategy and organizational culture

**Fixed**
3

**Title**
None

**Tags**
207170, 3

**Learning Outcome**
Design and execute a reliable and valid structured employment interview

**Title**
None

**Tags**
207172, 4

**Learning Outcome**
Identify and apply effective compensation and incentive principles

**Title**
None

**Tags**
207173, 5

**Learning Outcome**
Understand options for employee development and retention, in legal, ethical, and cost-effective ways

**Title**
None

**Tags**
207174, 6

**Learning Outcome**
Assess individual performance in an organizational setting and provide actionable performance feedback

**Title**
None

**Tags**
207176, 8

**Learning Outcome**
Make and negotiate a job offer effectively

**Title**
None

**Tags**
207177, 7

**Learning Outcome**
Analyze the causes of organization-level performance issues and offer systematic, critically evaluated solutions

## EMBA 560 - Business Analytics

### Course Information

**Teaching Area (new)**
EMBA

**Course Number**
560

**Teaching Area**
EMBA

**Course Title**
Business Analytics

**Course Description**
Introduction to both descriptive (data visualization) and predictive (forecasting) data analytics. Focus on using the analytical tools and skills needed to make better data-centered managerial decisions.

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## EMBA 584 - Introduction to Global Management

### Course Information

**Teaching Area (new)**
EMBA

**Course Number**
584

**Teaching Area**
EMBA

**Course Title**
Introduction to Global Management

**Course Description**
Foundations in global management integrating strategy, finance, operations, marketing, and human resource management.

**When Taught**
Winter

### Credit Hours

**Min**
2.5

**Fixed**
2.5

### Lecture Hours

**Fixed**
2.5

### Lab Hours

**Fixed**
0

## EMBA 595A - Intentional Principles for Leading and Thriving: Razor's Edge

### Course Information

**Teaching Area (new)**
EMBA

**Course Number**
595A

**Teaching Area**
EMBA

**Course Title**
Intentional Principles for Leading and Thriving: Razor's Edge

**Course Description**
Principles and practices for intentionally thriving on three levels: 1) personally, 2) in their family, and 3) as business leaders. Review of the literature around the myths of happiness, and exploration of motivation (self-determination theory) and positive psychology (positive emotion, engagement, relationships, meaning and achievement). Implications of technology, nature, a 3-day learning adventure provides an experiential context to live and experience the principles studied in a real world context. Each student creates a plan to thrive.

## EMBA 595B - Intentional Principles for Leading and Thriving: Razor's Edge

### Course Information

**Teaching Area (new)**
EMBA

**Course Number**
595B

**Teaching Area**
EMBA

**Course Title**
Intentional Principles for Leading and Thriving: Razor's Edge

**Course Description**
Building on principles and practices around happiness and positive psychology from Part 1, students will explore the implications for thriving personally, in families, and professional around time and energy, essentialism, GRIT, and physical and spiritual well-being. Using content from the entire course and their EMBA experience, students will build a Plan to Thrive (PTT) and in a two day experience, share, revise and present their plans in a culminating experience.

**When Taught**
Spring Term

**When Taught**
Spring Term

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Title**
Leading and Thriving: The Razor's Edge

**Tags**
213040, 0, 1

**Learning Outcome**
The Razors Edge focuses on principles and practices for thriving personally, professionally, and as a leader. The literature on motivation, happiness, and positive psychology is examined. Application of these principles to creating a great personal life and engaging work environments is reviewed.

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

## ENG T 199R - Weidman Center Global Internship

### Course Information

**Teaching Area (new)**
ENG T

**Course Number**
199R

**Teaching Area**
ENG T

**Course Title**
Weidman Center Global Internship

**Course Description**
Provides students international technical work experience under the guidance of an industry supervisor.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**

## ENG T 295R - Engineering Math Refresher

### Course Information

**Teaching Area (new)**
ENG T

**Course Number**
295R

**Teaching Area**
ENG T

**Course Title**
Engineering Math Refresher

**Course Description**
Review of basic techniques of algebra, trigonometry, differential calculus, integral calculus, and series and sequences in preparation for engineering mathematics, ordinary differential equations, and multivariable calculus.

**When Taught**
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

### Credit Hours

0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Consent of Weidman Center Director.

| Title | Tags |
| --- | --- |
| Learning Outcomes: Weidman Global Internships | 181657, 2 |

**Learning Outcome**

Identify and solve problems by thinking critically and using appropriate engineering and/or technology skills.
Demonstrate professionalism by actively participating in teams, using professional communications, acting ethically, and following pertinent regulations.
Improve technical, global, and leadership capabilities by working in an immersive cross-cultural environment.

| Title | Tags |
| --- | --- |
| Life Long Learning | 181658, 1 |

**Learning Outcome**
Upon completing this course students will have gained practical global experience that will aid them in future engineering careers.

**Min**
0

**Fixed**
0

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Math Refresher | 206765, 1 |

**Learning Outcome**
Upon completion of this course students will be better prepared to continue their education in the College of Engineering.

## ENG T 480 - Globalization in Engineering and Technology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENG T | 480 |

**Teaching Area**
ENG T

## ENG T 595R - Special Topics in Engineering and Technology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENG T | 595R |

**Teaching Area**
ENG T

**Course Title**
Globalization in Engineering and Technology
**Course Description**
Definition of globalization and the driving forces. How globalization is changing the practice of engineering and the development of technology. Study through classroom and industrial site visits.
**When Taught**
Spring Term

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Engineering or technology major enrolled in upper-division major courses; instructor's consent

| Title | Tags |
| --- | --- |
| Globalization and Culture | 181645, 1 |

**Learning Outcome**
The students' knowledge of globalization as it affects the environment, international trade and finance, and cultures.

| Title | Tags |
| --- | --- |
| Students and Globalization | 181646, 2 |

**Learning Outcome**
The students' ability to argue the major points related to globalization (listed in the two points above). In each case, there are multiple views on the subject which they should be familiar with.

| Title | Tags |
| --- | --- |
| Culture and Engineering Practices | 181647, 3 |

**Learning Outcome**
The students' ability to discuss foreign engineers regarding globalization and their

**Course Title**
Special Topics in Engineering and Technology
**Course Description**
Special topics in engineering and technology that relate to current research areas or issues related to industry.
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Special Topics | 181651, 0 |

**Learning Outcome**
Learn and apply concepts and/or prictices in a specialized area.

companies' activities in the foreign country.

| Title | Tags |
| --- | --- |
| Globalization and Engineering | 181650, 0 |

**Learning Outcome**
The students' knowledge of globalization as it relates to the practice of engineering, innovation, manufacturing, and research in their chosen field.

## ENGL 201 - Masterpieces of World Literature 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 201 |

**Teaching Area**
ENGL
**Course Title**
Masterpieces of World Literature 1
**Course Description**
Major world civilizations from antiquity through the early Italian Renaissance, approached through literature and emphasizing socioeconomic, religious, political, intellectual, and aesthetic developments.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Fulfills the Civilization 1 GE requirement.

## ENGL 202 - Masterpieces of World Literature 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 202 |

**Teaching Area**
ENGL
**Course Title**
Masterpieces of World Literature 2
**Course Description**
Major world civilizations from Europe's High Renaissance to modern times, approached through literature and emphasizing socioeconomic, religious, political, intellectual, and aesthetic developments.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## ENGL 203 - Ways of Reading

### Course Information

**Teaching Area (new)**
ENGL

**Course Number**
203

**Teaching Area**
ENGL

**Course Title**
Ways of Reading

**Course Description**
Reading strategies course focused on fundamental concepts and practices of literary analysis.

**Department**
English

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Close Reading | 211404, 0, 1, 2021-09-13 11:10:24 |

**Learning Outcome**
Evaluate and apply foundational approaches to close reading and apply them to a range of texts.

| Title | Tags |
|---|---|
| Textual Analysis | 211405, 0, 2, 2021-09-13 11:10:24 |

**Learning Outcome**
Demonstrate the ability to engage with texts on multiple levels, from comprehension to interpretation to analysis.

| Title | Tags |
|---|---|
| Reflection | 211406, 0, 3, 2021-09-13 11:10:24 |

**Learning Outcome**
Reflect on the importance of careful reading in academic,

## ENGL 211 - Rhetoric and Civilization 1

### Course Information

**Teaching Area (new)**
ENGL

**Course Number**
211

**Teaching Area**
ENGL

**Course Title**
Rhetoric and Civilization 1

**Course Description**
Western civilization from Greek antiquity to the Renaissance emphasizing rhetoric; the arts of language and their role in shaping institutions, values, and beliefs.

**Department**
English

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Fulfills the Civilization 1 GE requirement.

| Title | Tags |
|---|---|
| Careful and Critical Reading | 191442, 2 |

**Learning Outcome**
Read carefully and critically primary texts from people and periods in history that have shaped the civilization we now have-particularly our intellectual traditions and values, but also our political, social, educational, and religious institutions.

| Title | Tags |
|---|---|
| Understand Vocabulary and Canons of Rhetoric | 191684, 2 |

**Learning Outcome**
Understand the vocabulary and canons of rhetoric so that you can use the art of rhetoric effectively

professional, and personal settings.

use the art of rhetoric effectively in listening to, reading, and analyzing the discourse of others, and in speaking and writing clearly and persuasively.

**Title**
Effective Writing and Communication

**Tags**
191744, 1

**Learning Outcome**
Demonstrate your understanding of the texts through written and oral assignments as well as through papers and essay exams.

## ENGL 212 - Rhetoric and Civilization 2

### Course Information

**Teaching Area (new)**
ENGL

**Course Number**
212

**Teaching Area**
ENGL

**Course Title**
Rhetoric and Civilization 2

**Course Description**
Western civilization from the Renaissance to the present emphasizing rhetoric; the arts of language and their role in shaping institutions, values, and beliefs.

**Department**
English

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Title**
Understanding Texts

**Tags**
191443, 2

**Learning Outcome**

## ENGL 218 - Creative Writing

### Course Information

**Teaching Area (new)**
ENGL

**Course Number**
218

**Teaching Area**
ENGL

**Course Title**
Creative Writing

**Course Description**
Introductory instructions in the writing of poetry, the short story, and the essay.

**Department**
English

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcome
Demonstrate your understanding of the texts through written and oral assignments as well as through papers and essay exams.

| Title | Tags |
| --- | --- |
| Understanding Vocabulary and Canons of Rhetoric | 191705, 2 |

Learning Outcome
Understand the vocabulary and canons of rhetoric so that you can use the art of rhetoric effectively in listening to, reading, and analyzing the discourse of others, and in speaking and writing clearly and persuasively.

| Title | Tags |
| --- | --- |
| Effective Writing and Communication | 191444, 1 |

Learning Outcome
Demonstrate your understanding of the texts through written and oral assignments as well as through papers and essay exams.

| Title | Tags |
| --- | --- |
| Careful and Critical Reading | 191445, 2 |

Learning Outcome
Read carefully and critically primary texts from people and periods in history that have shaped the civilization we now have-particularly our intellectual traditions and values, but also our political, social, educational, and religious institutions.

| Title | Tags |
| --- | --- |
| Effort, Discipline, and Knowledge | 191231, 0, 1, 2021-09-28 12:20:56 |

Learning Outcome
Demonstrate effort and discipline in their creative work as well as a knowledge of various creative genres and their conventions.

| Title | Tags |
| --- | --- |
| Reading Literary Models Analytically | 191232, 0, 2, 2021-09-28 12:20:56 |

Learning Outcome
Read literary models analytically, with an eye to authorial intention and technique and be able to articulate the same.

| Title | Tags |
| --- | --- |
| Grammar, Punctuation, and Style | 191233, 0, 3, 2021-09-28 12:20:56 |

Learning Outcome
Use correct grammar, punctuation, and an appropriate style in their writing.

| Title | Tags |
| --- | --- |
| Successful Writing using Literary Models | 191234, 0, 4, 2021-09-28 12:20:56 |

Learning Outcome
Write a successful poem, short story, or essay using literary models and following explicit instructions from the teacher.

| Title | Tags |
| --- | --- |
| Revising, Editing, and Sharing | 191235, 0, 5, 2021-09-28 12:20:56 |

Learning Outcome
Revise intelligently, edit carefully, and share one's work with others in the class.

## ENGL 230 - Studies in Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 230 |

Teaching Area
ENGL
Course Title
Studies in Literature

## ENGL 232 - Shakespeare

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 232 |

Teaching Area
ENGL
Course Title
Shakespeare

**Course Description**
Introduction to various literary themes, forms, and/or authors.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
NOTE: Does not fulfill English major requirements. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Critical Reading Strategies | 191449, 1 |

**Learning Outcome**
Demonstrate basic proficiency in reading and interpreting fiction, drama, and poetry.

| Title | Tags |
|---|---|
| Effective Writing and Communication | 191450, 2 |

**Learning Outcome**
Demonstrate your understanding of literature through written and oral assignments , including papers and exams.

| Title | Tags |
|---|---|
| Ethical and Aesthetic Contexts | 191451, 3 |

**Learning Outcome**
Be able to discuss the ethical and aesthetic implications of choosing particular reading strategies including those that center on texts, genres, authors, readers.

**Course Description**
Careful reading and discussion of six to eight major plays.
**Department**
English
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Does not fulfill English major requirements.

| Title | Tags |
|---|---|
| Critical Reading Strategies | 191452, 1 |

**Learning Outcome**
Demonstrate basic proficiency in reading and interpreting Shakespeare's plays.

| Title | Tags |
|---|---|
| Effective Writing and Communication | 191453, 2 |

**Learning Outcome**
Demonstrate your understanding of Shakespeare through written and oral assignments , including papers and exams.

| Title | Tags |
|---|---|
| History, Context, Genres and Themes, and Ethics | 191704, 2 |

**Learning Outcome**
Explain the historical and literary contexts, genres and themes, and ethical dimensions of Shakespeare's representative works.

## ENGL 235 - Studies in American Literature

### Course Information

**Teaching Area (new)**
ENGL

**Course Number**
235

**Teaching Area**
ENGL

**Course Title**
Studies in American Literature

**Course Description**
Selected readings in American literature.

**Department**
English

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Effective Writing and Communication

**Tags**
191454, 2

**Learning Outcome**
Demonstrate your understanding of American literature through written and oral assignments, including papers and exams.

**Title**
History, Context, Genres and Themes, and Ethics

**Tags**
191672, 2

**Learning Outcome**
Explain the historical and literary contexts, genres and themes, and ethical dimensions of representative works of American literature.

## ENGL 236 - Studies in British Literature

### Course Information

**Teaching Area (new)**
ENGL

**Course Number**
236

**Teaching Area**
ENGL

**Course Title**
Studies in British Literature

**Course Description**
Selected readings in British literature.

**Department**
English

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
History, Context, Genres and Themes, and Ethics

**Tags**
191456, 3

**Learning Outcome**
Explain the historical and literary contexts, genres and themes, and ethical dimensions of representative works of British literature.

**Title**
Critical Reading Strategies

**Tags**
191670, 0

**Learning Outcome**
Demonstrate basic proficiency in reading and interpreting British literature.

**Title**

| Title | Tags |
| --- | --- |
| Critical Reading Strategies | 191679, 0 |

Learning Outcome
Demonstrate basic proficiency in reading and interpreting American literature.

| Title | Tags |
| --- | --- |
| Effective Writing and Communication | 191455, 2 |

Learning Outcome
Demonstrate your understanding of British literature through written and oral assignments, including papers and exams.

## ENGL 238 - The Bible as Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 238 |

Teaching Area
ENGL
Course Title
The Bible as Literature
Course Description
Introduction to the literary forms and aesthetic strategies of the Bible.
Department
English
When Taught
Fall and Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Reading | 191825, 1 |

Learning Outcome
We will discover together better ways to read the Bible with the sensitivity and awareness that its superb artistry and unparalleled insight warrant, reconstructing from the textual evidence more of what is expressed and implied in this book that is the seedbed of our literature and much of our language.

## ENGL 268 - Literature of the Latter-day Saints

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 268 |

Teaching Area
ENGL
Course Title
Literature of the Latter-day Saints
Course Description
Fiction, poetry, drama, folklore, essay, etc., emerging from and reflecting upon the LDS experience from Joseph Smith to the present.
Department
English
When Taught
Fall and Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Critical Reading Strategies | 191457, 1 |

Learning Outcome
Demonstrate basic proficiency in reading and interpreting LDS literature

| Title | Tags |
| --- | --- |
| Effective Writing and | |

| Title | Tags |
| --- | --- |
| Genres | 191826, 2 |

**Learning Outcome**
We will familiarize ourselves with biblical genres and conventions ranging from parable to proverb, from typology to type scene, from paradox to parallelism in order to enhance our ability to read ourselves into biblical statements.

| Title | Tags |
| --- | --- |
| Personal Application | 191827, 3 |

**Learning Outcome**
We will apply the advantages of the reading practices we discover through our Bible reading-such techniques as reading between the lines, thinking against the grain, likening to ourselves-to texts beyond the Bible, ideally as far as into daily life. We will learn to apply biblical insights to ourselves through practice in likening scriptural narrative and poetry and wisdom to our own experience.

| Title | Tags |
| --- | --- |
| Critical and Historical Contexts | 191828, 4 |

**Learning Outcome**
We will expand our perceptions of biblical texts by viewing them through a wide spectrum of critical approaches and by investigating their implications through the lens of their historical context.

| Title | Tags |
| --- | --- |
| Written Analysis | 191829, 5 |

**Learning Outcome**
We will enhance our ability to express our hard-earned individual insights into biblical texts by writing research-intensive essays and answering probing literary questions about the Bible.

| Title | Tags |
| --- | --- |
| Life-long Learning | 191830, 6 |
| Communication | 191458, 2 |

**Learning Outcome**
Demonstrate your understanding of LDS literature through written and oral assignments, including papers and exams.

| Title | Tags |
| --- | --- |
| History, Context, Genres and Themes, and Ethics | 191713, 2 |

**Learning Outcome**
Explain the historical and literary contexts, genres and themes, and ethical dimensions of representative works of LDS literature.

**Learning Outcome**
We will in all these ways make the Bible "a source of practical wisdom, spiritual insight, and aesthetic pleasure, a vital perspective upon history and the diversity of human experience, and a guide for making ethical choices in our daily lives" not just for this class but forever, initiating a process of study of the Bible that at its best is as long and as deep as life.

## ENGL 276R - Exploration of Teaching

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
276R
**Teaching Area**
ENGL
**Course Title**
Exploration of Teaching
**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.
**Department**
English
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Must have completed, or be enrolled in, 9 of the following 12 credits: Engl 203 (3 credits); Engl 291 (3 credits); Engl 292 (3 credits) and Engl 293 (3 credits) or Engl 294 (6 credits). Meet Utah State Office of Education license requirements; FBI fingerprint and background clearance

| Title | Tags |
|---|---|

## ENGL 291 - British Literary History 1

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
291
**Teaching Area**
ENGL
**Course Title**
British Literary History 1
**Course Description**
Development of ideas, movements, genres, and styles in early English literature as illustrated through representative texts.
**Department**
English
**When Taught**
Fall, Winter, Summer

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Instructional Resource File
191400, 1

Learning Outcome
Create an instructional resource file.

Title
Newletter, Bulletin Board, and Resource Aid

Tags
191401, 4

Learning Outcome
Create school newsletter, bulletin board display and an instructional resource aid.

Title
Moral Dimensions of Teaching

Tags
191402, 5

Learning Outcome
Analyze case study incidences regarding the moral dimensions of teaching.

Title
Lesson Recording and Analysis

Tags
191677, 4

Learning Outcome
Video record one lesson to view and analyze and review with peers.

Title
Lesson Plans

Tags
191682, 10

Learning Outcome
Generate lesson plans in relation to observations, school cultures, district and state mandates, and contemporary educational theory.

Title
Learning Styles

Tags
191716, 1

Learning Outcome
Evaluate a variety of learning styles.

## ENGL 292 - British Literary History 2

### Course Information

Teaching Area (new)
ENGL

Course Number
292

Teaching Area

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 203 - Ways of Reading

Prerequisites

**Complete ALL of the following Courses:**

-

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Title
Representative Authors, Genres, Works, and Movements

Tags
191238, 0, 1, 2021-09-28 12:21:10

Learning Outcome
Identify, contextualize, and interpret representative authors, genres, works, and movements during the medieval and early modern periods.

Title
Historical Development and Cultural Context

Tags
191239, 0, 2, 2021-09-28 12:21:10

Learning Outcome
Analyze and synthesize the historical development and cultural context of literature written in the British tradition before 1789.

## ENGL 293 - American Literary History

### Course Information

Teaching Area (new)
ENGL

Course Number
293

Teaching Area

ENGL
**Course Title**
British Literary History 2
**Course Description**
Development of ideas, movements, genres, and styles in later English literature as illustrated through representative texts.
**Department**
English
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 203 - Ways of Reading

Prerequisites

**Complete ALL of the following Courses:**
-

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Historical Development and Cultural Context | 191245, 1 |

**Learning Outcome**
Through writing, exams, and other activities, demonstrate an

ENGL
**Course Title**
American Literary History
**Course Description**
Development of ideas, movements, genres, and styles in American literature as illustrated through representative texts.
**Department**
English
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 203 - Ways of Reading

Prerequisites

**Complete ALL of the following Courses:**
-

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Representative Authors, Genres, Works, and Movements | 191247, 0, 1, 2021-09-28 12:24:54 |

**Learning Outcome**
Identify, contextualize, and interpret representative authors,

understanding of the historical development and cultural context of literature written in the British tradition after 1789.

Title
Representative Authors, Genres, Works, and Movements

Tags
191246, 2

Learning Outcome
Identify and discuss representative authors, genres, works, and movements in the Romantic, Victorian, and modern periods.

genres, works, and movements in American literature.

Title
Historical Development and Cultural Context

Tags
191248, 0, 2, 2021-09-28 12:24:54

Learning Outcome
Analyze and synthesize the historical development and cultural context of American literature.

## ENGL 294 - Transatlantic Literary History

### Course Information

Teaching Area (new)
ENGL

Course Number
294

Teaching Area
ENGL

Course Title
Transatlantic Literary History

Course Description
This course explores British and American literary history from the eighteenth through the twenty-first centuries by studying key figures, movements, genres, events, themes, and ideas through the lens of transatlantic literary exchange.

Department
English

When Taught
Winter.

### Credit Hours

Min
6

Fixed
6

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type

## ENGL 300R - British Literature in a Cultural Setting

### Course Information

Teaching Area (new)
ENGL

Course Number
300R

Teaching Area
ENGL

Course Title
British Literature in a Cultural Setting

Course Description
Survey of British literary history for London Centre programs. Introduction to a range of major authors and texts from the Elizabeth Age through the twenty-first century. Designed to instill knowledge of and appreciation for Britain's literary heritage and to provide practice interpreting literary texts and movements in light of the distinctive historical, geographic, and biographical insights that a study abroad experience affords.

Department
English

When Taught
Contact Department

### Credit Hours

Min
0.5

Fixed
6

Note
For Study Abroad students only.

Title
Writing in Geographical Context

Tags
191975, 0, 2, 2021-09-28 12:25:13

Learning Outcome
Be able to write coherently and persuasively about the artistic works studied and visited during the course.

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 203 - Ways of Reading

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment.

| Title | Tags |
|---|---|
| Representative Authors, Genres, Works, and Movements | 191249, 0, 1, 2021-09-28 12:25:03 |

**Learning Outcome**
Identify, contextualize, and interpret representative authors, genres, works, and movements in the transatlantic literary tradition.

| Title | Tags |
|---|---|
| Historical Development and Cultural Context | 191250, 0, 2, 2021-09-28 12:25:03 |

**Learning Outcome**
Analyze and synthesize the historical development and cultural context of the transatlantic literary tradition.

| Title | Tags |
|---|---|
| Literary History | 191972, 0, 4, 2021-09-28 12:25:13 |

**Learning Outcome**
Possess a sound understanding of British literary history, demonstrating a general awareness of major literary periods, authors, and sites.

| Title | Tags |
|---|---|
| Literary Analysis | 191973, 0, 5, 2021-09-28 12:25:13 |

**Learning Outcome**
Be able to analyze the principal texts from the course carefully and in some detail.

| Title | Tags |
|---|---|
| Contextual Understanding | 191974, 0, 6, 2021-09-28 12:25:13 |

**Learning Outcome**
Be capable of accurately and intelligently relating artistic works to the main historical, aesthetic, and philosophical trends of their times.

## ENGL 302 - Writing with Style

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
302
**Teaching Area**
ENGL
**Course Title**
Writing with Style
**Course Description**
Developing stylistic competency and range in nonfiction writing, especially at the sentence and paragraph levels.
**Department**
English
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## ENGL 303 - Writing Literary Criticism

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
303
**Teaching Area**
ENGL
**Course Title**
Writing Literary Criticism
**Course Description**
Research and writing about literature, including disciplinary conventions and expectations.
**Department**
English
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Writing | 191304, 0, 1, 2021-09-28 12:25:21 |

**Learning Outcome**
Apply strategies from rhetoric, grammar, and punctuation to develop an effective writing style for differing purposes, audiences, occasions, and genres. Describe, defend, and reflect on their individual writing style.

| Title | Tags |
| --- | --- |
| Explication | 191305, 0, 2, 2021-09-28 12:25:21 |

**Learning Outcome**
Identify and evaluate stylistic decisions in the writing of others.

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 203 - Ways of Reading

Prerequisites

**Complete ALL of the following Courses:**

-

**Additional Comments:**

**Note**
ENGL 303 should be taken before upper-division course work in the major and fulfills the GE Advanced Writing and Oral Communication requirement for English majors.

| Title | Tags |
| --- | --- |
| Disciplinary Writing & Speaking | 211401, 0, 1, 2021-09-13 11:09:12 |

**Learning Outcome**
Develop competency in writing literary criticism for readers within the discipline. Develop productive and flexible individual and collaborative writing processes. Use multiple critical and contextual strategies to present literary criticism in a prepared, formal oral presentation.

| Title | Tags |
| --- | --- |
| Research | 211402, 0, 2, 2021-09-13 11:09:12 |

**Learning Outcome**
Find and evaluate credible sources, integrate them purposefully to situate and advance literary analysis, and document these sources correctly.

| Title | Tags |
| --- | --- |
| Reflection | 211403. 0. 3. 2021-09-13 11:09:12 |

**Learning Outcome**
Reflect on and articulate the value and adaptability of the competencies associated with writing literary criticism for personal, spiritual, professional, and public life.

## ENGL 306 - Travel Writing

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
306
**Teaching Area**
ENGL
**Course Title**
Travel Writing
**Course Description**
Theory and practice of writing about travel experience.
**Department**
English
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
For Study Abroad or Travel Study students only.

**Title**
Writing
**Tags**
211524, 0, 1, 2021-09-28 12:46:18

**Learning Outcome**
Craft a variety of essays applying relevant conventions and using literary models.

**Title**
Analyze Literary Models
**Tags**
211525, 0, 2, 2021-09-28 12:46:18

**Learning Outcome**
Read and analyze travel writing, with an eye to authorial intention and technique.

## ENGL 317R - Writing Creative Nonfiction

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
317R
**Teaching Area**
ENGL
**Course Title**
Writing Creative Nonfiction
**Course Description**
Creations of style and technique in prose nonfiction; discipline and practice of the writer.
**Department**
English
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 218 - Creative Writing

**Additional Comments:**

**Other Prerequisites**
or instructor's consent

| Title | Tags |
| --- | --- |
| Revising, Editing, Sharing | 211526, 0, 3, 2021-09-28 12:46:18 |

**Learning Outcome**
Revise intelligently, edit carefully, and share work with others.

| Title | Tags |
| --- | --- |
| Using Grammar, Punctuation, and Style | 211527, 0, 4, 2021-09-28 12:46:18 |

**Learning Outcome**
Use correct grammar, punctuation, and an appropriate style in travel writing.

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Effort, Discipline, and Knowledge | 191669, 0, 0, 2021-09-28 12:27:03 |

**Learning Outcome**
Demonstrate effort and discipline in crafting creative nonfiction and display a knowledge of its conventions.

| Title | Tags |
| --- | --- |
| Reading Literary Models Analytically | 191283, 0, 2, 2021-09-28 12:27:03 |

**Learning Outcome**
Read creative nonfiction models analytically, with an eye to authorial intention and technique and be able to articulate the same.

| Title | Tags |
| --- | --- |
| Grammar, Punctuation, and Style | 191284, 0, 3, 2021-09-28 12:27:03 |

**Learning Outcome**
Use correct grammar, punctuation, and an appropriate style in creative nonfiction.

| Title | Tags |
| --- | --- |
| Successful Writing using Literary Models | 191285, 0, 4, 2021-09-28 12:27:03 |

**Learning Outcome**
Write a variety of essays using literary models and following explicit instructions from the teacher.

| Title | Tags |
| --- | --- |
| Revising, Editing, and Sharing | 191286, 0, 5, 2021-09-28 12:27:03 |

**Learning Outcome**
Revise intelligently, edit carefully, and share one's work with others in the class.

## ENGL 318R - Writing Fiction

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

## ENGL 319R - Writing Poetry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

ENGL 318R

**Teaching Area**
ENGL

**Course Title**
Writing Fiction

**Course Description**
Creation of style and technique in prose fiction; discipline and practice of the writer.

**Department**
English

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 218 - Creative Writing

**Additional Comments:**

**Other Prerequisites**
or instructor's consent

| Title | Tags |
|---|---|
| Effort, Discipline, and Knowledge | 191288, 0, 1, 2021-09-28 12:27:17 |

**Learning Outcome**
Demonstrate effort and discipline in crafting fiction and display a knowledge of its conventions.

| Title | Tags |
|---|---|
| Reading Literary Models Analytically | 191289, 0, 2, 2021-09-28 12:27:17 |

**Learning Outcome**
Read fiction models analytically, with an eye to authorial

ENGL 319R

**Teaching Area**
ENGL

**Course Title**
Writing Poetry

**Course Description**
Creation of style and technique in poetry; discipline and practice of the poet.

**Department**
English

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 218 - Creative Writing

**Additional Comments:**

**Other Prerequisites**
or instructor's consent

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Effort, Discipline, and Knowledge | 191293, 0, 1, 2021-09-28 12:27:49 |

**Learning Outcome**
Demonstrate effort and discipline in crafting poetry and display a knowledge of its conventions.

| Title | Tags |
|---|---|
| Reading Literary Models | 191294, 0, 2, 2021-09-28 12:27:49 |

intention and technique and be able to articulate the same.

Title
Grammar, Punctuation, and Style

Tags
191290, 0, 3, 2021-09-28 12:27:17

Learning Outcome
Use correct grammar, punctuation, and an appropriate style in fiction.

Title
Successful Writing using Literary Models

Tags
191291, 0, 4, 2021-09-28 12:27:17

Learning Outcome
Write a variety of fiction using literary models and following explicit instructions from the teacher.

Title
Revising, Editing, and Sharing

Tags
191292, 0, 5, 2021-09-28 12:27:17

Learning Outcome
Revise intelligently, edit carefully, and share one's work with others in the class.

Analytically

191294, 0, 2, 2021-09-28 12:27:49

Learning Outcome
Read poetry models analytically, with an eye to authorial intention and technique and be able to articulate the same.

Title
Grammar, Punctuation, and Style

Tags
191295, 0, 3, 2021-09-28 12:27:49

Learning Outcome
Use correct grammar, punctuation, and an appropriate style in poetry.

Title
Successful Writing using Literary Models

Tags
191296, 0, 4, 2021-09-28 12:27:49

Learning Outcome
Write a variety of poems using literary models and following explicit instructions from the teacher.

Title
Revising, Editing, and Sharing

Tags
191297, 0, 5, 2021-09-28 12:27:49

Learning Outcome
Revise intelligently, edit carefully, and share one's work with others in the class.

## ENGL 320R - Writing for Children and Adolescents

### Course Information

Teaching Area (new)
ENGL

Course Number
320R

Teaching Area
ENGL

Course Title
Writing for Children and Adolescents

Course Description
Theory and practice of writing prose and verse for youth readership. Specific attention to requirements of picture books, middle-grade novels, and young adult stories.

Department
English

When Taught
Fall and Winter

### Credit Hours

Min

## ENGL 321R - English Department Reading Series

### Course Information

Teaching Area (new)
ENGL

Course Number
321R

Teaching Area
ENGL

Course Title
English Department Reading Series

Course Description
Weekly readings of poetry, essays, and fiction by distinguished creative writers.

Department
English

When Taught
Fall and Winter

### Credit Hours

Min
1

3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 218 - Creative Writing

**Additional Comments:**

**Other Prerequisites**
; or instructor's consent.
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Writing | 191298, 0, 1, 2021-09-28 12:28:30 |

**Learning Outcome**
Craft a variety of prose and verse for a young readership applying relevant conventions and using literary models.

| Title | Tags |
| --- | --- |
| Analyze Literary Models | 191299, 0, 2, 2021-09-28 12:28:30 |

**Learning Outcome**
Read and analyze picture books, middle-grade novels, and young adult stories, with an eye to authorial intention and technique.

| Title | Tags |
| --- | --- |
| Revising, Editing, Sharing | 191301, 0, 4, 2021-09-28 12:28:30 |

**Learning Outcome**
Revise intelligently, edit carefully, and share work with others.

**Fixed**
1

## Lecture Hours

**Fixed**
1

## Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Processing Literary Models Analytically | 191303, 0, 1, 2021-09-28 12:28:40 |

**Learning Outcome**
Analyze poetry, fiction, and creative nonfiction presented orally, with an eye to authorial intention and technique and be able to articulate the same.

| Title | Tags |
| --- | --- |
| Using Grammar, Punctuation, and Style | 191302, 0, 5, 2021-09-28 12:28:30 |

**Learning Outcome**
Use correct grammar, punctuation, and an appropriate style in genres for younger readers.

## ENGL 322 - Rhetorical Foundations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 322 |

**Teaching Area**
ENGL
**Course Title**
Rhetorical Foundations
**Course Description**
Overview of the history of rhetoric and its key functions as an academic discipline.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Rhetorical Theory | 213761, 0, 1, 2023-08-29 08:55:37 |

**Learning Outcome**
Learn and reflect on key movements and debates in the history of rhetoric

| Title | Tags |
| --- | --- |
| Rhetorical Analysis | 213762, 0, 2, 2023-08-29 08:55:39 |

**Learning Outcome**

## ENGL 323 - Professional Writing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 323 |

**Teaching Area**
ENGL
**Course Title**
Professional Writing
**Course Description**
Rhetorical approaches to professional writing, communication, and workplace collaboration.
**Department**
English
**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Effective Professional Writing and Communication | 213764, 0, 1, 2023-08-29 08:55:43 |

**Learning Outcome**
Analyze and compose well-written documents in a variety of workplace genres to accurately and effectively promote ideas, products, and services

| Title | Tags |
| --- | --- |

Learn and practice rhetorical analysis using key methodologies

| Title | Tags |
| --- | --- |
| Argument and Reflection | 213763, 0, 3, 2023-08-29 08:55:40 |

**Learning Outcome**
Practice crafting rhetorical messages and reflecting on relevant principles, such as leadership, ethics, and spirituality

| Title | Tags |
| --- | --- |
| Rhetorical and Genre Theories | 213765, 0, 2, 2023-08-29 08:55:44 |

**Learning Outcome**
Apply rhetorical and genre theory to the analysis of professional writing contexts

| Title | Tags |
| --- | --- |
| Ethics | 213766, 0, 3, 2023-08-29 08:55:45 |

**Learning Outcome**
Use ethics when making professional communication decisions.

| Title | Tags |
| --- | --- |
| Collaboration | 213767, 0, 4, 2023-08-29 08:55:47 |

**Learning Outcome**
Develop and apply project management skills to collaborate as a professional writing team on a project for a real client.

## ENGL 325 - Visual Communication

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 325 |

**Teaching Area**
ENGL
**Course Title**
Visual Communication
**Course Description**
Rhetorical perspectives on the theory, criticism, and production of visual media.
**Department**
English
**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

## ENGL 326 - Digital Communication

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 326 |

**Teaching Area**
ENGL
**Course Title**
Digital Communication
**Course Description**
Rhetorical perspectives on critical digital literacy, content creation, and digital engagement.
**Department**
English
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

0

| Title | Tags |
| --- | --- |
| Rhetorical Theory and Criticism | 213768, 0, 1, 2023-08-29 08:55:51 |

Learning Outcome
Analyze and evaluate the purpose, modes, and persuasive effects of visual media.

| Title | Tags |
| --- | --- |
| Production of Visual Media | 213769, 0, 2, 2023-08-29 08:55:52 |

Learning Outcome
Develop and produce visual media in multiple genres, using various rhetorical theories and methods.

| Title | Tags |
| --- | --- |
| Design Vocabulary and Visual Communication Conventions | 213770, 0, 3, 2023-08-29 08:55:54 |

Learning Outcome
Develop vocabulary and demonstrate understanding of conventions in visual communication.

| Title | Tags |
| --- | --- |
| Ethics in Visual Communication | 213771, 0, 4, 2023-08-29 08:55:56 |

Learning Outcome
Articulate cultural, ethical, and legal implications in the production of visual communication and compose accordingly.

0

| Title | Tags |
| --- | --- |
| Digital Literacy | 213772, 0, 1, 2023-08-29 08:56:01 |

Learning Outcome
Critically examine online communication and web platforms.

| Title | Tags |
| --- | --- |
| Content Creation | 213773, 0, 2, 2023-08-29 08:56:04 |

Learning Outcome
Compose digital media messages applying sound rhetorical principles.

| Title | Tags |
| --- | --- |
| Digital Engagement | 213774, 0, 3, 2023-08-29 08:56:05 |

Learning Outcome
Engage with current social media platforms to interact with a variety of audiences for various purposes.

## ENGL 327R - Studies in Rhetoric

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 327R |

**Teaching Area**
ENGL
**Course Title**
Studies in Rhetoric
**Course Description**
Special topics in rhetorical history, theory, and criticism.
**Department**
English
**When Taught**
Contact Department

### Credit Hours

## ENGL 328R - Studies in Composing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 328R |

**Teaching Area**
ENGL
**Course Title**
Studies in Composing
**Course Description**
Special topics in composing in different media (visual, digital, aural) and genres for a range of purposes and audiences.
**Department**
English
**When Taught**
Winter.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Rhetorical Principles

Tags
191739, 0, 1, 2021-09-28 12:31:40

Learning Outcome
From a more specialized focus on particular questions, theorists, practices, or genres in rhetoric, students will be able to explain and use rhetorical principles and practices to explicate, evaluate, and create a broad array of effective spoken and written texts.

Title
Rhetorical Evaluation

Tags
191764, 0, 2, 2021-09-28 12:31:40

Learning Outcome
From a more specialized focus on particular questions, theorists, practices, or genres in rhetoric, students will be able to evaluate the quality of rhetorical theories and practices.

Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Principles and Practices

Tags
191740, 0, 1, 2021-09-28 12:32:20

Learning Outcome
From a more specialized focus on particular questions, theorists, practices, or genres in the field of composition studies, students will be able to explain and use rhetorical principles and practices to explicate, evaluate, and create effective spoken and written texts in multiple genres and media.

Title
Evaluation

Tags
191741, 0, 2, 2021-09-28 12:32:20

Learning Outcome
From a more specialized focus on particular questions, theorists, practices, or genres in the field of composition studies, students will be able to evaluate the quality of composition theories and practices.

## ENGL 329 - Teaching Grammar and Usage in Secondary Schools

### Course Information

Teaching Area (new)
ENGL

Course Number
329

Teaching Area
ENGL

Course Title
Teaching Grammar and Usage in Secondary Schools

Course Description
Language issues, particularly grammar, usage, and pedagogy, for

## ENGL 331R - Media and Popular Literatures before 1800

### Course Information

Teaching Area (new)
ENGL

Course Number
331R

Teaching Area
ENGL

Course Title
Media and Popular Literatures before 1800

Course Description
Study of the codes, conventions, contexts, transmissions, and

students preparing to teach English at the secondary level.

**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 276R - Exploration of Teaching

**Additional Comments:**

**Note**
Required before student teaching.

| Title | Tags |
| --- | --- |
| Understanding Grammar | 191403, 1 |

**Learning Outcome**
Students will be able to understand and explain the basic principles of English grammar and usage.

| Title | Tags |
| --- | --- |
| Teaching Grammar | 191404, 2 |

**Learning Outcome**
Students will be able to design and implement effective instruction of English grammar and usage.

transformations of popular literary texts before 1800. Special attention will be paid to the medium and reception of these texts.

**Department**
English
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 291 - British Literary History 1
  **AND** ENGL 293 - American Literary History
  **AND** ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 291 - British Literary History 1
  **AND** ENGL 294 - Transatlantic Literary History
  **AND** ENGL 303 - Writing Literary Criticism

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Medium | 211451, 0, 1, 2021-09-28 12:32:34 |

**Learning Outcome**
Read, write, and speak critically and analytically about the importance of medium in various contexts and for a scholarly and/or general audience.

| Title | Tags |
| --- | --- |
| Reception and Contexts | 211452, 0, 2, 2021-09-28 12:32:34 |

**Learning Outcome**
Interpret, analyze, and synthesize the historical, theoretical, and technological development and reception of literary and other texts before 1800 in terms of medium.

| Title | Tags |
| --- | --- |
| Media Studies Theories and Application | 211453, 0, 3, 2021-09-28 12:32:34 |

**Learning Outcome**
Discuss key texts, both primary and secondary, in media studies.

| Title | Tags |
| --- | --- |
| Reflection | 211454, 0, 4, 2021-09-28 12:32:34 |

**Learning Outcome**
Articulate the value of analyzing media and popular literatures for various purposes and audiences, including for professional and personal life.

## ENGL 332R - Media and Popular Literatures after 1800

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 332R |

**Teaching Area**
ENGL
**Course Title**
Media and Popular Literatures after 1800
**Course Description**
Study of the codes, conventions, contexts, transmissions, and transformations of popular literary texts from 1800 to the present. Special attention will be paid to the medium and reception of these texts.
**Department**
English
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## ENGL 335 - Professional Speaking

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 335 |

**Teaching Area**
ENGL
**Course Title**
Professional Speaking
**Course Description**
Applied practice in public speaking, interpersonal speaking, and group discussion in professional environments.
**Department**
English
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 292 - British Literary History 2
  **AND** ENGL 293 - American Literary History
  **AND** ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 294 - Transatlantic Literary History
  **AND** ENGL 303 - Writing Literary Criticism

**Additional Comments:**

| Title | Tags |
|---|---|
| Medium | 211455, 0, 1, 2021-09-28 12:32:50 |

Learning Outcome
Read, write, and speak critically and analytically about the importance of medium in various contexts and for a scholarly and/or general audience.

| Title | Tags |
|---|---|
| Reception and Contexts | 211456, 0, 2, 2021-09-28 12:32:50 |

Learning Outcome
Interpret, analyze, and synthesize the historical, theoretical, and technological development and reception of literary and other texts after 1800 in terms of medium.

| Title | Tags |
|---|---|
| Media Studies Theories and Application | 211457, 0, 3, 2021-09-28 12:32:50 |

Learning Outcome

### Lab Hours

Fixed
0

Recommended
Writing 150, English 302, English 322

| Title | Tags |
|---|---|
| Presentation Skills | 213779, 0, 1, 2023-08-29 08:56:25 |

Learning Outcome
Prepare and deliver a professional formal presentation with visual aids with a target audience in mind

| Title | Tags |
|---|---|
| One-on-one speaking skills | 213780, 0, 2, 2023-08-29 08:56:27 |

Learning Outcome
Deliver professional formal presentations with a target audience in mind

| Title | Tags |
|---|---|
| Delivery skills | 213781, 0, 3, 2023-08-29 08:56:28 |

Learning Outcome
Apply performance strategies for the voice and body—including the body's response to speaking anxiety—for effective oral communication

| Title | Tags |
|---|---|
| Electronically mediated skills | 213782, 0, 4, 2023-08-29 08:56:30 |

Learning Outcome
Apply the above skills to remote communication modes, such as online meetings and webinars

Discuss key texts, both primary and secondary, in media studies.

| Title | Tags |
| --- | --- |
| Reflection | 211458, 0, 4, 2021-09-28 12:32:50 |

**Learning Outcome**
Articulate the value of analyzing media and popular literatures for various purposes and audiences, including for professional and personal life.

## ENGL 337R - Studies in Literary Form and Genre

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 337R |

**Teaching Area**
ENGL
**Course Title**
Studies in Literary Form and Genre
**Course Description**
Study of the codes, conventions, contexts, and development of a particular generic type.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

## ENGL 338 - Literary Studies of the Bible

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 338 |

**Teaching Area**
ENGL
**Course Title**
Literary Studies of the Bible
**Course Description**
Scholarly engagement with the aesthetic forms and cultural context of Biblical texts.
**Department**
English
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**

-

**Additional Comments:**

| Title | Tags |
|---|---|
| Genre | 211535, 0, 1, 2021-09-28 12:47:15 |

**Learning Outcome**
Read, write, and speak critically and analytically about representative texts in specific genres.

| Title | Tags |
|---|---|
| Research and Writing | 211536, 0, 2, 2021-09-28 12:47:15 |

**Learning Outcome**
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

| Title | Tags |
|---|---|
| Reflection | 211537, 0, 3, 2021-09-28 12:47:15 |

**Learning Outcome**
Articulate the value of analyzing literary form and genre for various purposes and audiences, including for professional and personal life.

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 291 - British Literary History 1
  **AND** ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 291 - British Literary History 1
  **AND**

**Additional Comments:**

| Title | Tags |
|---|---|
| Interpretation | 191908, 2 |

**Learning Outcome**
Gain familiarity and facility with a range of interpretive methods.

| Title | Tags |
|---|---|
| Critical Analysis | 191755, 0, 1, 2021-09-28 12:33:41 |

**Learning Outcome**
Read, write, and speak critically and analytically about Biblical texts using methods of literary analysis.

| Title | Tags |
|---|---|
| Biblical Scholarship | 191907, 0, 1, 2021-09-28 12:33:41 |

**Learning Outcome**
Identify and synthesize basic principles informing scholarly approaches to the Bible as literature, including questions of textual history, genre, and translation.

| Title | Tags |
|---|---|
| Interpretation | 191909, 0, 2, 2021-09-28 12:33:41 |

**Learning Outcome**
Analyze Biblical texts applying a range of interpretive methods.

| Title | Tags |
|---|---|
| Reflection | 191756, 0, 3, 2021-09-28 12:33:41 |

**Learning Outcome**
Articulate the value of analyzing Biblical texts for various purposes and audiences, including for professional and personal life.

## ENGL 340 - Book and Publishing History

### Course Information

**Teaching Area (new)**
ENGL

**Course Number**
340

**Teaching Area**
ENGL

**Course Title**
Book and Publishing History

**Course Description**
An introduction to book and publishing history, print culture, reception, and the materiality of both literary and non-literary texts.

**Department**
English

**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**
-

**Additional Comments:**

**Title**
Book and Publishing History

**Tags**
211459, 0, 1, 2021-09-28 12:33:55

**Learning Outcome**
Read, write, and speak critically and analytically about book

## ENGL 344R - Digital and Visual Literacies

### Course Information

**Teaching Area (new)**
ENGL

**Course Number**
344R

**Teaching Area**
ENGL

**Course Title**
Digital and Visual Literacies

**Course Description**
Study of multimodal texts and genres with ties to literature, based in theoretical grounding from the fields of adaptation studies, design, folklore, and digital rhetoric.

**Department**
English

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**
-

**Additional Comments:**

**Title**
Multimodal Genres and Literacies

**Tags**
211463, 0, 1, 2021-09-28 12:34:05

**Learning Outcome**

and analytically about book history, publishing history, and textual reception for a scholarly and/or general audience.

| Title | Tags |
| --- | --- |
| Materiality of Writing and Reception | 211460, 0, 2, 2021-09-28 12:33:55 |

**Learning Outcome**
Interpret, analyze, and synthesize the historical, theoretical, and technological development of the codex, alternative formats for disseminating writing, and textual reception.

| Title | Tags |
| --- | --- |
| Research and Writing | 211461, 0, 3, 2021-09-28 12:33:55 |

**Learning Outcome**
Develop an effective, polished written argument or project that draws upon training and research in book history, reception studies, and relevant digital and print sources.

| Title | Tags |
| --- | --- |
| Reflection | 211462, 0, 4, 2021-09-28 12:33:55 |

**Learning Outcome**
Articulate the value of analyzing book and publishing history for various purposes and audiences, including for professional and personal life.

**Learning Outcome**
Evaluate and apply literacy in multiple modes of contemporary literary expression and adaptation.

| Title | Tags |
| --- | --- |
| Media Theories | 211464, 0, 2, 2021-09-28 12:34:05 |

**Learning Outcome**
Analyze and write meaningfully about specific texts applying theory from adaptation studies, design, folklore, and digital rhetoric.

| Title | Tags |
| --- | --- |
| Reflection | 211465, 0, 3, 2021-09-28 12:34:05 |

**Learning Outcome**
Articulate the value of analyzing digital and visual literacies for various purposes and audiences, including for professional and personal life.

## ENGL 345 - Literature and Film

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 345 |

**Teaching Area**
ENGL
**Course Title**
Literature and Film
**Course Description**
Emphasis on film as an interpretation of texts. Includes International Cinema.
**Department**
English
**When Taught**
Winter.

### Credit Hours

## ENGL 355 - (Engl-ClCv) Greek and Roman Classics and the English Tradition

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 355 |

**Teaching Area**
ENGL
**Course Title**
(Engl-ClCv) Greek and Roman Classics and the English Tradition
**Course Description**
Major works by such authors as Homer, the Greek and Roman tragedians, Thucydides, Vergil, and Petronius in English translation, emphasizing their influence on English and American literature.
**Department**
English
**When Taught**
Contact Department

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0.5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**

-

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Adaption Theory | 191769, 6 |

**Learning Outcome**
Learn and apply adaptation theory, in terms of both literature and film and other media.

| Title | Tags |
| --- | --- |
| Technical Contexts | 191315, 0, 2, 2021-09-28 12:34:19 |

**Learning Outcome**
Apply the vocabulary of cinematic technique and theory to read films.

| Title | Tags |
| --- | --- |
| Adaption Theory | 191316, 0, 4, 2021-09-28 12:34:19 |

**Learning Outcome**
Apply adaptation theory to analyze literature, film, and

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

analyze literature, film, and other media

| Title | Tags |
| --- | --- |
| Reflection | 191768, 0, 5, 2021-09-28 12:34:19 |

**Learning Outcome**
Articulate the value of analyzing literature and film for various purposes and audiences, including for professional and personal life.

## ENGL 356 - Myth, Legend, and Folktale

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 356 |

**Teaching Area**
ENGL
**Course Title**
Myth, Legend, and Folktale
**Course Description**
Major mythic and legendary works that provide background for the literary tradition.
**Department**
English
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

## ENGL 357R - Literature, Ethics, and Values

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 357R |

**Teaching Area**
ENGL
**Course Title**
Literature, Ethics, and Values
**Course Description**
Study of how literature conveys ethics and values as well as the ways in which ethics and values animate the study of literature.
**Department**
English
**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**

-

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Analysis | 211538, 0, 1, 2021-09-28 12:47:46 |

**Learning Outcome**
Read, write, and speak critically and analytically about representative texts and trends in myth, legend, and folktale over time and place.

| Title | Tags |
|---|---|
| Research and Writing | 211539, 0, 2, 2021-09-28 12:47:46 |

**Learning Outcome**
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

| Title | Tags |
|---|---|
| Comparative Method | 211540, 0, 3, 2021-09-28 12:47:46 |

**Learning Outcome**
Identify and discuss critically the commonalities and differences in myth, legend, and folktale.

| Title | Tags |
|---|---|
| Reflection | 211541, 0, 4, 2021-09-28 12:47:46 |

**Learning Outcome**
Articulate the value of analyzing myth, legend, and folktale for various purposes and audiences, including for professional and personal life.

**Complete ALL of the following Courses:**

- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**

-

**Additional Comments:**

| Title | Tags |
|---|---|
| Ethics and Values in Literature | 211466, 0, 1, 2021-09-28 12:35:13 |

**Learning Outcome**
Articulate how literary texts convey ethics and values as well as how individual ethics and value systems inform and are informed by the study of literature.

| Title | Tags |
|---|---|
| Research and Writing | 211467, 0, 2, 2021-09-28 12:35:13 |

**Learning Outcome**
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

## ENGL 367R - American Regional Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ENGL | 367R |

Teaching Area
ENGL
Course Title

## ENGL 368 - Literature of the Latter-day Saints

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ENGL | 368 |

Teaching Area

Course Title
American Regional Literature
Course Description
Literature and cultural representations of a given American region.
Department
English
When Taught
Contact Department

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

Simple Requisites

**Prerequisites**
Type
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 293 - American Literary History
  **AND** ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 294 - Transatlantic Literary History
  **AND** ENGL 303 - Writing Literary Criticism

Additional Comments:

| Title | Tags |
|---|---|
| Critical Literary Analysis | 211542, 0, 1, 2021-09-28 12:48:12 |

Learning Outcome
Read, write, and speak critically and analytically about representative texts from a given American region.

| Title | Tags |
|---|---|
| Literary History and Context | 211543, 0, 2, 2021-09-28 12:48:12 |

ENGL
Course Title
Literature of the Latter-day Saints
Course Description
Fiction, poetry, drama, folklore, personal essay, and other literature emerging from the LDS experience and expressing various perspectives on it.
Department
English
When Taught
Contact Department

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

Simple Requisites

**Prerequisites**
Type
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**
-

Additional Comments:

| Title | Tags |
|---|---|
| Critical Literary Analysis | 211546, 0, 1, 2021-09-28 12:48:38 |

Learning Outcome
Read, write, and speak critically and analytically about representative texts associated with the Latter-day Saints.

| Title | Tags |
|---|---|

Learning Outcome
Interpret, analyze, and synthesize the history, nature, aesthetics, and broadly defined thematic concerns of regional literature.

| Title | Tags |
| --- | --- |
| Research and Writing | 211544, 0, 3, 2021-09-28 12:48:12 |

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

| Title | Tags |
| --- | --- |
| Reflection | 211545, 0, 4, 2021-09-28 12:48:12 |

Learning Outcome
Articulate the value of analyzing regional literature for various purposes and audiences, including for professional and personal life.

| Title | Tags |
| --- | --- |
| Literary History and Context | 211547, 0, 2, 2021-09-28 12:48:38 |

Learning Outcome
Interpret, analyze, and synthesize historical periods, representative authors, and genres of a range of LDS literary expression.

| Title | Tags |
| --- | --- |
| Reflection | 211548, 0, 3, 2021-09-28 12:48:38 |

Learning Outcome
Articulate the value and relevance of analyzing LDS literary expression for various purposes and audiences, including for professional and personal life.

| Title | Tags |
| --- | --- |
| Research and Writing | 211549, 0, 4, 2021-09-28 12:48:38 |

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

## ENGL 369R - Transnational Literature before 1800

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 369R |

Teaching Area
ENGL
Course Title
Transnational Literature before 1800
Course Description
Period-specific course, before 1800, using transnational models for literary analysis. Involves selected texts in a transnational context and in the light of applicable theoretical approaches.
Department
English
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

## ENGL 370R - Transnational Literature after 1800

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 370R |

Teaching Area
ENGL
Course Title
Transnational Literature after 1800
Course Description
Period-specific course, after 1800, using transnational models for literary analysis. Involves selected texts in a transatlantic context and in the light of applicable theoretical approaches.
Department
English
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 291 - British Literary History 1
  **AND** ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 291 - British Literary History 1
  **AND**

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Literary Analysis | 211468, 0, 1, 2021-09-28 12:36:22 |

**Learning Outcome**
Read, write, and speak critically and analytically about transnational literature before 1800.

| Title | Tags |
|---|---|
| Literary History and Context | 211469, 0, 2, 2021-09-28 12:36:22 |

**Learning Outcome**
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of transnational texts before 1800.

| Title | Tags |
|---|---|
| Research and Writing | 211470, 0, 3, 2021-09-28 12:36:22 |

**Learning Outcome**
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 292 - British Literary History 2
  **AND** ENGL 293 - American Literary History
  **AND** ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 294 - Transatlantic Literary History
  **AND** ENGL 303 - Writing Literary Criticism

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Literary Analysis | 211472, 0, 1, 2021-09-28 12:36:38 |

**Learning Outcome**
Read, write, and speak critically and analytically about transnational literature after 1800.

| Title | Tags |
|---|---|
| Literary History and Context | 211473, 0, 2, 2021-09-28 12:36:38 |

**Learning Outcome**
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of transnational texts after 1800.

| Title | Tags |
|---|---|
| Research and Writing | 211474, 0, 3, 2021-09-28 12:36:38 |

**Learning Outcome**
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

| Title | Tags |
| --- | --- |
| Reflection | 211471, 0, 4, 2021-09-28 12:36:22 |

**Learning Outcome**
Articulate the value of analyzing transnational literature for various purposes and audiences, including for professional and personal life.

sources.

| Title | Tags |
| --- | --- |
| Reflection | 211475, 0, 4, 2021-09-28 12:36:38 |

**Learning Outcome**
Articulate the value of analyzing transnational literature for various purposes and audiences, including for professional and personal life.

## ENGL 377 - Teaching English in Secondary Schools

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
377
**Teaching Area**
ENGL
**Course Title**
Teaching English in Secondary Schools
**Course Description**
Theories and methods of teaching English and language arts to secondary school students.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 276R - Exploration of Teaching

## ENGL 378 - Teaching Literature and Reading in Secondary Schools.

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
378
**Teaching Area**
ENGL
**Course Title**
Teaching Literature and Reading in Secondary Schools.
**Course Description**
Theories and methods of teaching literature, reading, and related literacy skills in secondary English classes.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 276R - Exploration of Teaching

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Engl 379
**Note**
To be taken immediately before student teaching or interning.

| Title | Tags |
| --- | --- |
| Lesson Planning | 191406, 1 |

**Learning Outcome**
Students will be able to write effective lesson plans with clear objectives and appropriate activities and assessments that promote and measure the desired learning for a variety of learners in an English/language arts classroom.

| Title | Tags |
| --- | --- |
| Unit Planning | 191407, 2 |

**Learning Outcome**
Students will be able to develop a unit plan that shows the ability to integrate all areas of language arts; to correlate unit goals, activities, and assessments; and to show understanding of current best practice.

| Title | Tags |
| --- | --- |
| Professionalism | 191408, 3 |

**Learning Outcome**
Students will be able to establish patterns for future professional practices by accessing and evaluating ideas in professional journals and conference presentations.

| Title | Tags |
| --- | --- |
| Context and Assessment | 191409, 4 |

**Learning Outcome**
Students will be able to show how context influences good instructional decisions and how a variety of assessments can foster student learning as well as measure it for diverse students.

| Title | Tags |
| --- | --- |
| Reflection | 191410, 5 |

**Learning Outcome**
Students will be develop their

**Additional Comments:**

**Recommended**
Completion of all English major courses.
**Note**
Required before student teaching.

| Title | Tags |
| --- | --- |
| Principles of Reading and Literature | 191412, 1 |

**Learning Outcome**
Students will be able to explain the basic principles of reading and literature.

| Title | Tags |
| --- | --- |
| Pedagogy and Diagnosis | 191413, 2 |

**Learning Outcome**
Students will be able to design and implement effective reading strategies that reinforce basic principles of reading and that enhance the understanding and appreciation of literature.

ability to improve as teachers in the future by reflecting on their teaching experiences through both talk and writing.

| Title | Tags |
| --- | --- |
| Read Critically | 191411, 6 |

**Learning Outcome**
Students will be able to analyze readings to extract main ideas, synthesize readings with their own ideas/experiences and those of others in the classroom, and reach well-supported conclusions.

## ENGL 379 - Practicum in Secondary English Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 379 |

**Teaching Area**
ENGL
**Course Title**
Practicum in Secondary English Teaching
**Course Description**
Applying content and methods learned in Engl 377 in a school classroom.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**

## ENGL 384R - Author Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 384R |

**Teaching Area**
ENGL
**Course Title**
Author Studies
**Course Description**
In-depth study of one author's corpus and its attendant contexts, ideas, history, criticism, and scholarly discourse.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 276R - Exploration of Teaching

**Additional Comments:**

**Other Prerequisites**

concurrent enrollment in Engl 377.

| Title | Tags |
|---|---|
| Contextual Factors in School Setting | 191414, 2 |

**Learning Outcome**

Students will be able to analyze contextual factors in a school setting and discern instructional implications that arise from these factors.

| Title | Tags |
|---|---|
| Learning Objectives | 191415, 4 |

**Learning Outcome**

Students will write appropriate and effective learning objectives that are correlated with state standards and that serve to facilitate learning.

| Title | Tags |
|---|---|
| Develop Assessments | 191416, 6 |

**Learning Outcome**

Students will be able to develop assessments that measure the learning described in an objective.

| Title | Tags |
|---|---|
| Make Adjustments | 191417, 8 |

**Learning Outcome**

Students will plan for and make adjustments in their teaching, objectives, and assessments based on students' needs and classroom context.

| Title | Tags |
|---|---|
| Establish Presence | 191418, 10 |

**Learning Outcome**

Students will establish a teacher's presence in their teaching classrooms.

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**

-

**Additional Comments:**

| Title | Tags |
|---|---|
| Literary History and Context | 211476, 0, 1, 2021-09-28 12:37:01 |

**Learning Outcome**

Interpret, analyze, and synthesize the historical and literary contexts, genres and themes, and ethical dimensions of an author's life and representative works.

| Title | Tags |
|---|---|
| Critical Conversation | 211477, 0, 2, 2021-09-28 12:37:01 |

**Learning Outcome**

Discuss and apply significant secondary scholarship and critical perspectives on an author's works.

| Title | Tags |
|---|---|
| Research and Writing | 211478, 0, 3, 2021-09-28 12:37:01 |

**Learning Outcome**

Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

| Title | Tags |
|---|---|
| Reflection | 211479, 0, 4, 2021-09-28 12:37:01 |

**Learning Outcome**

Articulate the value of analyzing the chosen author for various purposes and audiences, including for professional and personal life.

| Title | Tags |
| --- | --- |
| Reflect and Critique | 191419, 11 |

**Learning Outcome**
Students will reflect on and critique their own planning and teaching performance.

## ENGL 386R - British Literature before 1800

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 386R |

**Teaching Area**
ENGL
**Course Title**
British Literature before 1800
**Course Description**
Representative writers, genres, and literary trends of British literature before 1800.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 291 - British Literary History 1
  **AND** ENGL 303 - Writing Literary Criticism

Prerequisites

## ENGL 387R - British Literature after 1800

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 387R |

**Teaching Area**
ENGL
**Course Title**
British Literature after 1800
**Course Description**
Representative writers, genres, and literary trends of British literature after 1800.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 303 - Writing Literary Criticism
  **AND** ENGL 292 - British Literary History 2

**Additional Comments:**

| Title | Tags |
| --- | --- |

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 291 - British Literary History 1
  **AND**

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Literary Analysis | 211480, 0, 1, 2021-09-28 12:37:20 |

**Learning Outcome**
Read, write, and speak critically and analytically about British literature before 1800.

| Title | Tags |
|---|---|
| Literary History and Context | 211481, 0, 2, 2021-09-28 12:37:20 |

**Learning Outcome**
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of British literature before 1800.

| Title | Tags |
|---|---|
| Research and Writing | 211482, 0, 3, 2021-09-28 12:37:20 |

**Learning Outcome**
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

| Title | Tags |
|---|---|
| Reflection | 211483, 0, 4, 2021-09-28 12:37:20 |

**Learning Outcome**
Articulate the value of analyzing British literature for various purposes and audiences, including for professional and personal life.

| Title | Tags |
|---|---|
| Critical Literary Analysis | 211484, 0, 1, 2021-09-28 12:37:33 |

**Learning Outcome**
Read, write, and speak critically and analytically about British literature after 1800.

| Title | Tags |
|---|---|
| Literary History and Context | 211485, 0, 2, 2021-09-28 12:37:33 |

**Learning Outcome**
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of British literature after 1800.

| Title | Tags |
|---|---|
| Research and Writing | 211486, 0, 3, 2021-09-28 12:37:33 |

**Learning Outcome**
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

| Title | Tags |
|---|---|
| Reflection | 211487, 0, 4, 2021-09-28 12:37:33 |

**Learning Outcome**
Articulate the value of analyzing British Literature for various purposes and audiences, including for professional and personal life.

## ENGL 388R - American Literature before 1800

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ENGL | 388R |

**Teaching Area**
ENGL
**Course Title**
American Literature before 1800
**Course Description**

## ENGL 389R - American Literature after 1800

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ENGL | 389R |

**Teaching Area**
ENGL
**Course Title**
American Literature after 1800
**Course Description**
Representative writers, genres, and literary trends of American

Course Description
Representative writers, genres, and literary trends of American literature before 1800.
**Department**
English
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ENGL 293 - American Literary History
  **AND** ENGL 303 - Writing Literary Criticism

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Literary Analysis | 211488, 0, 1, 2021-09-28 12:37:51 |

**Learning Outcome**
Read, write, and speak critically and analytically about American literature before 1800.

| Title | Tags |
|---|---|
| Literary History and Context | 211489, 0, 2, 2021-09-28 12:37:51 |

**Learning Outcome**
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of American literature before 1800.

| Title | Tags |
|---|---|
| Research and Writing | 211490, 0, 3, 2021-09-28 12:37:51 |

**Learning Outcome**

literature after 1800.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- ENGL 293 - American Literary History
  **AND**

Prerequisites
**Complete ALL of the following Courses:**
- ENGL 294 - Transatlantic Literary History
  **AND**

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Literary Analysis | 211492, 0, 1, 2021-09-28 12:38:08 |

**Learning Outcome**
Read, write, and speak critically and analytically about American literature after 1800.

| Title | Tags |
|---|---|
| Literary History and Context | 211493, 0, 2, 2021-09-28 12:38:08 |

**Learning Outcome**
Interpret, analyze, and synthesize the historical literary traditions, representative

Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

| Title | Tags |
| --- | --- |
| Reflection | 211491, 0, 4, 2021-09-28 12:37:51 |

**Learning Outcome**
Articulate the value of analyzing American literature for various purposes and audiences, including for professional and personal life.

traditions, representative authors, and genres of American literature after 1800.

| Title | Tags |
| --- | --- |
| Research and Writing | 211494, 0, 3, 2021-09-28 12:38:08 |

**Learning Outcome**
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

| Title | Tags |
| --- | --- |
| Reflection | 211495, 0, 4, 2021-09-28 12:38:08 |

**Learning Outcome**
Articulate the value of analyzing American literature for various purposes and audiences, including for professional and personal life.

## ENGL 391 - Introduction to Folklore

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 391 |

**Teaching Area**
ENGL
**Course Title**
Introduction to Folklore
**Course Description**
Representative types of folklore and practical experience in collecting folklore.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## ENGL 392 - American Folklore

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 392 |

**Teaching Area**
ENGL
**Course Title**
American Folklore
**Course Description**
American folk art and literature and the historical and cultural circumstances from which they developed.
**Department**
English
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Title
Persuasive Analysis of Folklore Texts

Tags
191358, 0, 1, 2021-09-28 12:38:26

Learning Outcome
Create and share a persuasive analysis of folklore texts in context by using logical reasoning and critical analysis.

Title
Categories of Folklore, Folk Narrative, Folk Groups

Tags
191359, 0, 2, 2021-09-28 12:38:26

Learning Outcome
Identify three categories of folklore, four types of folk narrative, and eight folk groups.

Title
Folkloristic Observations

Tags
191360, 0, 3, 2021-09-28 12:38:26

Learning Outcome
Produce several brief folkloristic observations and document those observations using established formats.

Title
Recording and Archiving Local Traditions

Tags
191361, 0, 4, 2021-09-28 12:38:26

Learning Outcome
Identify and apply some methods of recording and archiving local traditions using moral discrimination, creative imagination, and independent thought.

Title
Perpetuating or Extinguishing Traditional Practices

Tags
191362, 0, 5, 2021-09-28 12:38:26

Learning Outcome
Explain the choices and forces that help perpetuate or extinguish traditional practices, both locally and globally.

Title
Theory of Folklore

Tags
191363, 0, 6, 2021-09-28 12:38:27

Learning Outcome
Identify the shaping functions

Fixed
0

Recommended
ENGL 303 - Ways of Reading. (3) or ENGL 295 - Writing Literary Criticism. (3)

Title
Categories of Folklore, Folk Narrative, and Folk Groups

Tags
191366, 0, 1, 2021-09-28 12:38:46

Learning Outcome
Identify three categories of folklore, four types of folk narrative, and eight folk groups.

Title
Documenting Folklore

Tags
191365, 0, 2, 2021-09-28 12:38:47

Learning Outcome
Identify and apply some methods of recording and archiving local traditions in order to analyze rigorously American texts and artifacts in context of the construction and transmission of the American experience.

Title
Differing Worldviews

Tags
191367, 0, 3, 2021-09-28 12:38:47

Learning Outcome
Relate worldview with the performance of traditions, comparing similarities and differences of groups with differing worldviews and obtaining a wider view of American history and diversity.

Title
Intelligent Reasoning

Tags
191368, 0, 4, 2021-09-28 12:38:47

Learning Outcome
Reason intelligently in oral and written discourse while allowing that traditions are meaningful to participants in places and times different from your present circumstances.

Title
Connecting Folklore Studies

Tags
191369, 0, 5, 2021-09-28 12:38:47

Learning Outcome
Work independently to connect folklore studies with other course work and life experiences and goals.

identify the shaping functions and theory of folklore.

| Title | Tags |
| --- | --- |
| Fieldwork Project | 191364, 0, 7, 2021-09-28 12:38:27 |

**Learning Outcome**
Produce a focused fieldwork project which includes, among other requirements, an essay, collection, and consent forms created according to the William A. Wilson Folklore Archive.

| Title | Tags |
| --- | --- |
| Perpetuating or Extinguishing Traditional Practices | 191370, 0, 6, 2021-09-28 12:38:47 |

**Learning Outcome**
Become engaged with personal, group, and aesthetic dynamics in the performance of traditions and question ethically the choices and forces that help perpetuate or extinguish traditional practices, both locally and globally.

## ENGL 394R - Applied English

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
394R
**Teaching Area**
ENGL
**Course Title**
Applied English
**Course Description**
Applying skills developed in the English major to a professional setting.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Translate | 191910, 0, 1, 2021-09-28 12:39:07 |

**Learning Outcome**
Translate communication, research, collaborative, and/or analytical skills to a professional (or simulated professional)

## ENGL 395R - Studies in Literature

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
395R
**Teaching Area**
ENGL
**Course Title**
Studies in Literature
**Course Description**
Topics vary.
**Department**
English
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

environment.

| Title | Tags |
| --- | --- |
| Narrate | 191911, 0, 2, 2021-09-28 12:39:07 |

**Learning Outcome**
Articulate the value of English-major skills for professional and personal life to a non-academic audience.

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**
-

**Additional Comments:**

**Other Prerequisites**
ENGL 291, 292, and 293; or ENGL 291 and 294.

| Title | Tags |
| --- | --- |
| Critical Literary Analysis | 211550, 0, 1, 2021-09-28 12:49:06 |

**Learning Outcome**
Identify, locate, read critically, and analyze representative texts associated with the literature of the class theme.

| Title | Tags |
| --- | --- |
| Research and Writing | 211551, 0, 2, 2021-09-28 12:49:06 |

**Learning Outcome**
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

| Title | Tags |
| --- | --- |
| Reflection | 211552, 0, 3, 2021-09-28 12:49:06 |

**Learning Outcome**
Articulate the value of analyzing literature for various purposes and audiences, including for professional and personal life.

## ENGL 396R - Studies in Women's Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 396R |

**Teaching Area**
ENGL
**Course Title**
Studies in Women's Literature
**Course Description**
Female-authored literary texts and literary theory concerning women.
**Department**
English
**When Taught**
Fall and Winter

## ENGL 397R - World Literatures in English

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 397R |

**Teaching Area**
ENGL
**Course Title**
World Literatures in English
**Course Description**
Study of the literature of a given world region or culture.
**Department**
English
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
An elective course for the global women's studies minor.

| Title | Tags |
| --- | --- |
| Critical Literary Analysis | 211496, 0, 1, 2021-09-28 12:39:49 |

**Learning Outcome**
Read, write, and speak critically and analytically about female-authored literary texts and literary theory concerning women.

| Title | Tags |
| --- | --- |
| Literary History and Context | 211497, 0, 2, 2021-09-28 12:39:49 |

**Learning Outcome**
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of women's literature.

| Title | Tags |
| --- | --- |
| Research and Writing | 211498, 0, 3, 2021-09-28 12:39:49 |

**Learning Outcome**
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

| Title | Tags |
| --- | --- |
| Reflection | 211499, 0, 4, 2021-09-28 12:39:49 |

**Learning Outcome**
Articulate the value of analyzing women's literature for various purposes and audiences, including for professional and

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**

-

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Ethical Relation | 191968, 4 |

**Learning Outcome**
Through classroom activities and assignments, students articulate an increased appreciation for their own identities, a preparedness to read the world literature throughout their lives, and a deeper sense of their responsibilities to fellow Latter-day Saints around the world.

| Title | Tags |
| --- | --- |
| Critical Literary Analysis | 191965, 0, 1, 2021-09-28 12:40:02 |

**Learning Outcome**
Read, write, and speak critically and analytically about literature from a specific world region or culture.

personal life

| Title | Tags |
| --- | --- |
| Literary History and Context | 191966, 0, 2, 2021-09-28 12:40:02 |

**Learning Outcome**
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of literature from a specific world region or culture.

| Title | Tags |
| --- | --- |
| Reflection | 191967, 0, 3, 2021-09-28 12:40:02 |

**Learning Outcome**
Articulate the value of analyzing world literatures in English for various purposes and audiences, including for professional and personal life

## ENGL 399R - Academic Internship

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
399R
**Teaching Area**
ENGL
**Course Title**
Academic Internship
**Course Description**
On-the-job training.
**Department**
English
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

## ENGL 400 - Portfolio Capstone for Professional Writing and Rhetoric Minors

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
400
**Teaching Area**
ENGL
**Course Title**
Portfolio Capstone for Professional Writing and Rhetoric Minors
**Course Description**
Producing a portfolio of writing projects by professional writing and rhetoric minors.
**Department**
English
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Other Prerequisites**
Consent of cooperative education coordinator
**Note**
An APPROVED Internship Application is required before adding. See English internship coordinator for pre-approval.

| Title | Tags |
| --- | --- |
| Skills | 191692, 0, 1, 2021-09-28 12:40:13 |

**Learning Outcome**
Demonstrate developing skills and expertise in a professional setting.

| Title | Tags |
| --- | --- |
| Professionalization | 191906, 0, 2, 2021-09-28 12:40:13 |

**Learning Outcome**
Articulate the portability of the skills developed in the English major and the value of these skills in the marketplace.

| Title | Tags |
| --- | --- |
| Career Consideration | 191703, 0, 3, 2021-09-28 12:40:13 |

**Learning Outcome**
Describe the positives and negatives of a career in the area of the internship.

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 302 - Writing with Style
  **AND** ENGL 322 - Rhetorical Foundations

**Additional Comments:**

**Other Prerequisites**
An advanced writing course.
**Note**
Engl 400 should be taken during the last semester of the minor.

| Title | Tags |
| --- | --- |
| Interpretation, Evaluation, and Composition | 191742, 1 |

**Learning Outcome**
Students will demonstrate their degree of rhetorical competency by submitting the revision of three texts from multiple genres that represent their best use of interpretive, evaluative, and composing skills, texts they originally created during their minor course work, but have revised during this capstone course.

| Title | Tags |
| --- | --- |
| Reflective Essay | 191743, 4 |

**Learning Outcome**
Students will demonstrate their degree of meta-cognitive understanding of rhetorical theories, principles and practices by submitting a critical reflective essay that: 1) describes how they define rhetoric as a theoretical concept and why, 2) briefly compares/ contrasts their definition with others that have been espoused throughout rhetoric's history, 3) define's rhetoric's relationship with ethics and explains how to determine "appropriateness," 4) identifies the skills, abilities, and critical judgment they have developed through their study and can now take with them into their future professional, civic and family life, 5) and explains how they have applied rhetorical principles in the personal,

professional, (or academic), and public life and will do so in the future.

## ENGL 417 - Creative Writing Capstone: Nonfiction

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
417
**Teaching Area**
ENGL
**Course Title**
Creative Writing Capstone: Nonfiction
**Course Description**
Advanced writing workshop in creative nonfiction.
**Department**
English
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 218 - Creative Writing
  **AND** ENGL 317R - Writing Creative Nonfiction

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 218 - Creative Writing
  **AND** ENGL 318R - Writing Fiction

## ENGL 418 - Creative Writing Capstone: Fiction

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
418
**Teaching Area**
ENGL
**Course Title**
Creative Writing Capstone: Fiction
**Course Description**
Advanced writing workshop in fiction.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 218 - Creative Writing
  **AND** ENGL 317R - Writing Creative Nonfiction

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 218 - Creative Writing
  **AND** ENGL 318R - Writing Fiction

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 218 - Creative Writing
  **AND** ENGL 319R - Writing Poetry

**Additional Comments:**

**Recommended**
ENGL 317R highly recommended

| Title | Tags |
|---|---|
| Analyzing Literary Models | 211500, 0, 1, 2021-09-28 12:40:25 |

**Learning Outcome**
Read and analyze creative writing models, with an eye toward technique and craft.

| Title | Tags |
|---|---|
| Applying Theory | 211501, 0, 2, 2021-09-28 12:40:25 |

**Learning Outcome**
Apply critical theory to their creative writing.

| Title | Tags |
|---|---|
| Writing from Literary Models | 211502, 0, 3, 2021-09-28 12:40:25 |

**Learning Outcome**
Write creative nonfiction using literary and critical models.

| Title | Tags |
|---|---|
| Revising, Editing, and Sharing | 211503, 0, 4, 2021-09-28 12:40:25 |

**Learning Outcome**
Revise intelligently, edit carefully, share writing in both academic and professional settings, and prepare writing for publication.

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 218 - Creative Writing
  **AND** ENGL 319R - Writing Poetry

**Additional Comments:**

**Recommended**
ENGL 318R highly recommended

| Title | Tags |
|---|---|
| Applying Theory | 211505, 0, 2, 2021-09-28 12:40:37 |

**Learning Outcome**
Apply critical theory to their creative writing.

| Title | Tags |
|---|---|
| Writing | 211506, 0, 3, 2021-09-28 12:40:37 |

**Learning Outcome**
Write fiction using literary and critical models.

| Title | Tags |
|---|---|
| Revising, Editing, and Sharing | 211507, 0, 4, 2021-09-28 12:40:37 |

**Learning Outcome**
Revise intelligently, edit carefully, share writing in both academic and professional settings, and prepare writing for publication.

| Title | Tags |
|---|---|
| Analyze Literary Models Models | 211504, 0, 1, 2021-09-28 12:40:37 |

**Learning Outcome**
Read and analyze creative writing models, with an eye toward technique and craft.

## ENGL 419 - Creative Writing Capstone: Poetry

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ENGL | 419 |

**Teaching Area**
ENGL
**Course Title**
Creative Writing Capstone: Poetry
**Course Description**
Advanced writing workshop in poetry.
**Department**

## ENGL 420 - Young Adult Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ENGL | 420 |

**Teaching Area**
ENGL
**Course Title**
Young Adult Literature
**Course Description**
Literature written for or read by teenagers.
**Department**
English
**When Taught**

English
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 218 - Creative Writing
  **AND** ENGL 317R - Writing Creative Nonfiction

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 218 - Creative Writing
  **AND** ENGL 318R - Writing Fiction

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 218 - Creative Writing
  **AND** ENGL 319R - Writing Poetry

**Additional Comments:**

**Recommended**
ENGL 319R highly recommended

| Title | Tags |
|---|---|
| Analyzing Literary Models | 211508, 0, 1, 2021-09-28 12:41:47 |

**Learning Outcome**
Read and analyze creative writing models, with an eye toward technique and craft.

| Title | Tags |
|---|---|

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**
-

**Additional Comments:**

**Other Prerequisites**
or instructor permission.
**Note**
Required before student teaching. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Scholarship in YA literature | 191960, 6 |

**Learning Outcome**
Students will demonstrate an in-depth knowledge of YA literature and its scholarship.

| Title | Tags |
|---|---|
| Critical Analysis | 191693, 0, 1, 2021-09-28 12:42:02 |

**Learning Outcome**
Read, write, and speak critically and analytically about a broad

| Title | Tags |
| --- | --- |
| Applying Theory | 211509, 0, 2, 2021-09-28 12:41:47 |

**Learning Outcome**
Apply critical theory to their creative writing.

| Title | Tags |
| --- | --- |
| Writing | 211510, 0, 3, 2021-09-28 12:41:47 |

**Learning Outcome**
Write poetry using literary and critical models.

| Title | Tags |
| --- | --- |
| Revising, Editing, and Sharing | 211511, 0, 4, 2021-09-28 12:41:47 |

**Learning Outcome**
Revise intelligently, edit carefully, share writing in both academic and professional settings, and prepare writing for publication.

range of Young Adult books, authors, and genres.

| Title | Tags |
| --- | --- |
| Selection of YA Literature | 191668, 0, 2, 2021-09-28 12:42:02 |

**Learning Outcome**
Select appropriate, quality YA books for classroom, school, and personal use.

| Title | Tags |
| --- | --- |
| Reflection | 191373, 0, 4, 2021-09-28 12:42:02 |

**Learning Outcome**
Articulate the value of analyzing YA literature for various purposes and audiences, including for professional and personal life.

## ENGL 423 - Teaching Composition in Secondary Schools

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 423 |

**Teaching Area**
ENGL
**Course Title**
Teaching Composition in Secondary Schools
**Course Description**
Theories and methods of teaching writing to secondary school students.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## ENGL 426 - Digital Literacies & Technology in Secondary Schools

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 426 |

**Teaching Area**
ENGL
**Course Title**
Digital Literacies & Technology in Secondary Schools
**Course Description**
Theories and methods of teaching digital literacies and integrating technology in secondary English classrooms.\n
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 276R - Exploration of Teaching

**Additional Comments:**

**Note**
Required before student teaching.

| Title | Tags |
|---|---|
| Effective Assessments | 191420, 1 |

**Learning Outcome**
Students will be able to design effective assessments for a variety of writing tasks and articulate a philosophy for grading.

| Title | Tags |
|---|---|
| Reflective Practice | 191421, 3 |

**Learning Outcome**
Students will develop their abilities to be reflective practitioners who evaluate their own writing, writing processes, and instructional practices.

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 276R - Exploration of Teaching

**Additional Comments:**

## ENGL 450R - Studies in Literary Criticism and Theory

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
450R
**Teaching Area**
ENGL
**Course Title**
Studies in Literary Criticism and Theory
**Course Description**
Focused study of the history of theory and criticism or of current theoretical and conceptual approaches to literature.
**Department**
English
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**

## ENGL 476 - Secondary English Student Teaching

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
476
**Teaching Area**
ENGL
**Course Title**
Secondary English Student Teaching
**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**

3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**
-

**Additional Comments:**

**Other Prerequisites**
ENGL 291, 292, and 293; or ENGL 291 and 294

| Title | Tags |
|---|---|
| Theory | 211512, 0, 1, 2021-09-28 12:42:13 |

**Learning Outcome**
Analyze and demonstrate a sound understanding of primary and secondary documents related to a theoretical or conceptual approach to literature.

| Title | Tags |
|---|---|
| Research and Writing | 211513, 0, 2, 2021-09-28 12:42:13 |

**Learning Outcome**
Craft research-based arguments informed by and conversant with a theoretical or conceptual approach to literature and articulate those arguments in formal academic writing.

| Title | Tags |
|---|---|

12

**Fixed**
12

## Lecture Hours

**Fixed**
0

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Completion of all course work or departmental approval; requires a major GPA of 2.85; at least a C- in Engl 377. Concurrent enrollment in Engl 479.

| Title | Tags |
|---|---|
| Student Teaching | 191422, 1 |

**Learning Outcome**
Student teachers will successfully complete his or her student teaching.

| Title | Tags |
|---|---|
| Core Guidelines | 191423, 2 |

**Learning Outcome**
Student teachers will successfully demonstrate their ability to teach using state core guidelines and also their ability to plan and use effective units.

| Title | Tags |
|---|---|
| Classroom Management | 191424, 4 |

**Learning Outcome**
Student teachers will learn and practice effective classroom management skills.

| Title | Tags |
|---|---|
| Professionalism | 191425, 6 |

**Learning Outcome**
Student teachers will practice and demonstrate professional educational behavior.

| Title | Tags |
| --- | --- |
| Reflection | 211514, 0, 3, 2021-09-28 12:42:13 |

**Learning Outcome**
Articulate the value of studying literary criticism and theory for various purposes and audiences, including for professional and personal life.

## ENGL 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
477R
**Teaching Area**
ENGL
**Course Title**
Secondary Minor Student Teaching
**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.
**Department**
English
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

## ENGL 479 - Secondary Student Teaching Seminar

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
479
**Teaching Area**
ENGL
**Course Title**
Secondary Student Teaching Seminar
**Course Description**
Issues experienced during secondary student teaching practicum.
**Department**
English
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 377 - Teaching English in Secondary Schools **AND** ENGL 378 - Teaching Literature and Reading in Secondary Schools.

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Engl 476 or 496R

| Title | Tags |
| --- | --- |
| Application | 191426, 1 |

**Learning Outcome**
Students teachers and interns will be able to apply the topics presented in the seminar to their own teaching experience. University supervisors will observe the various applications such as classroom management, managing the paper load, using young adult literature, supporting English Language Learners, etc.

| Title | Tags |
| --- | --- |
| Teacher Work Sample | 191427, 3 |

**Learning Outcome**
Student teachers and interns will be able to produce a full, 7-part reflective Teacher Work Sample to demonstrate their understanding and effectiveness as a classroom teacher.

| Title | Tags |
| --- | --- |
| Ability to Teach | 191428, 5 |

**Learning Outcome**
Student teachers and interns will demonstrate their ability to teach using state core guidelines and also their ability to plan and use effective units.

| Title | Tags |
| --- | --- |
| Enter Material Evidence | 191429, 7 |

**Learning Outcome**
Student teachers and interns will be able to correctly and in a timely manner enter the required material evidence of their semester's performance and teaching on the Education Department's LiveText (or whatever system is in place at the required time).

## ENGL 480R - Directed Research in English

### Course Information

## ENGL 490R - Individual Readings in English

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
480R
**Teaching Area**
ENGL
**Course Title**
Directed Research in English
**Course Description**
Directed research for mentorship grant recipients, research assistants, and other undergraduate students pursuing research projects.
**Department**
English
**When Taught**
Contact Department

### Credit Hours

**Min**
1
**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Department chair's consent

**Title**
Critical Literary Analysis
**Tags**
211515, 0, 1, 2021-09-28 12:42:32
**Learning Outcome**
Read, write, and speak critically and analytically about an area of focused research.

**Title**
Research and Writing
**Tags**
211516, 0, 2, 2021-09-28 12:42:32
**Learning Outcome**
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

**Title**
Reflection
**Tags**
211517, 0, 3, 2021-09-28 12:42:32
**Learning Outcome**
Articulate the value of the focused research for various purposes and audiences,

**Teaching Area (new)**
ENGL
**Course Number**
490R
**Teaching Area**
ENGL
**Course Title**
Individual Readings in English
**Course Description**
Language and/or literature beyond what is offered in the curriculum.
**Department**
English
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5
**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Department chair's consent
**Note**
May not be substituted for another catalog course.

**Title**
Individual Readings
**Tags**
211518, 0, 1, 2021-09-28 12:42:44
**Learning Outcome**
Complete readings and assignments as designed by your faculty mentor.

including for professional and personal life.

## ENGL 494 - Professional Writing and Communication Senior Capstone

### Course Information

**Teaching Area (new)**
ENGL

**Course Number**
494

**Teaching Area**
ENGL

**Course Title**
Professional Writing and Communication Senior Capstone

**Course Description**
In-depth study of a limited area of writing and rhetoric. Content varies; requires research and writing.

**Department**
English

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Senior status

**Title**
Analysis and Critical Conversation

**Tags**
213783, 0, 1, 2023-08-29 08:57:35

**Learning Outcome**
Apply historical and theoretical frameworks to contextualizing and producing communication projects

**Title**
Research and Production

**Tags**
213784, 0, 2, 2023-08-29 08:57:38

**Learning Outcome**
Working individually or collaboratively, craft a research-based project that communicates

## ENGL 495 - Senior Capstone

### Course Information

**Teaching Area (new)**
ENGL

**Course Number**
495

**Teaching Area**
ENGL

**Course Title**
Senior Capstone

**Course Description**
In-depth study of a limited area of literature, language, or criticism. Content varies; requires research and writing.

**Department**
English

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**

-

**Additional Comments:**

in two or more modes (written, oral, visual, and electronic) to a specific audience (public, scholarly, and/or professional)

| Title | Tags |
| --- | --- |
| Reflection | 213785, 0, 3, 2023-08-29 08:57:39 |

**Learning Outcome**
Reflect on and articulate the value and adaptability of the competencies associated with educational experiences in English studies for personal, spiritual, professional, and public life

**Other Prerequisites**
Senior status
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Analysis & Critical Conversation | 191382, 0, 1, 2021-09-28 12:43:17 |

**Learning Outcome**
Contribute to the critical conversation about a particular disciplinary topic or issue by reading, writing, and speaking in an in-depth, competent manner about that area.

| Title | Tags |
| --- | --- |
| Research and Writing | 191383, 0, 2, 2021-09-28 12:43:17 |

**Learning Outcome**
Craft an independent, original, and sophisticated research project that is 1) contextualized in the critical conversation, 2) adapted to the needs and expectations of a real audience, such as a specific journal or graduate admissions committee.

## ENGL 496R - Secondary English Teaching Internship

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
496R
**Teaching Area**
ENGL
**Course Title**
Secondary English Teaching Internship
**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards.
**Department**
English
**When Taught**
Fall

### Credit Hours

**Min**
12

**Fixed**
12

### Lecture Hours

## ENGL 520R - Studies in Theme and Form

### Course Information

**Teaching Area (new)**
ENGL
**Course Number**
520R
**Teaching Area**
ENGL
**Course Title**
Studies in Theme and Form
**Course Description**
Topics vary: literature and film, myth and archetype, science fiction, etc.
**Department**
English
**When Taught**
Spring Term

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
0

Other Prerequisites
Completion of all course work or departmental approval; requires a major GPA of 2.85; at least a C- grade in Engl 377. Concurrent enrollment in Engl 479.
Note
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Internship | 191430, 1 |

Learning Outcome
Interns will successfully complete his or her assigned internship.

| Title | Tags |
|---|---|
| Core Guidelines | 191431, 2 |

Learning Outcome
Interns will successfully demonstrate their ability to teach using state core guidelines and also their ability to plan and use effective units.

| Title | Tags |
|---|---|
| Classroom Management | 191432, 4 |

Learning Outcome
Interns will learn and practice effective classroom management skills.

| Title | Tags |
|---|---|
| Professionalism | 191433, 6 |

Learning Outcome
Interns will practice and demonstrate professional educational behavior.

## ENGL 590R - Directed Readings

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ENGL | 590R |

Teaching Area

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
|---|---|
| Current Issues in Theme and Form | 191461, 2 |

Learning Outcome
Students in English 520R will identify and critique major texts, issues, and debates from the study of various topics of theme and form (including topics like literature and film, myth and archetype, science fiction, etc.).

| Title | Tags |
|---|---|
| Conference-Length Paper | 191462, 4 |

Learning Outcome
Students will produce a conference-length paper on these topics suitable for professional presentation.

## ENGL 599R - Academic Internship

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ENGL | 599R |

Teaching Area

ENGL
**Course Title**
Directed Readings
**Course Description**
Individual readings beyond what is offered in the curriculum.
**Department**
English
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate advisory committee approval
**Note**
Primarily available for English graduate students in Study Abroad programs.

| Title | Tags |
| --- | --- |
| Conference-Length Paper from Individualized Readings | 191463, 0, 2 |

**Learning Outcome**
Students in English 590R will, subject to the approval of a course contract by the department graduate studies committee,study under a faculty member's supervision individualized readings beyond what is offered in the curriculum. This study should help the study to resourcefully incorporate major texts, issues, and debates from these readings into the formation of a conference-length conference paper suitable for professional presentation.

| Title | Tags |
| --- | --- |
| Individual Faculty-Guided Study | 191676, 4 |

**Learning Outcome**
Students in English 590R will identify (subject to prior approval by the department graduate advisory committee) major texts, issues, and debates from the study of individual readings beyond what is offered in the curriculum under the direction

ENGL
**Course Title**
Academic Internship
**Course Description**
On-the-job training.
**Department**
English
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Department chair's consent
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Recognize Skills | 191674, 10 |

**Learning Outcome**
Students will recognize the portability of the skills they have developed English majors and the value of these skills in the marketplace.

| Title | Tags |
| --- | --- |
| Face Challenges | 191681, 4 |

**Learning Outcome**
Students will meet the challenges of their internship.

| Title | Tags |
| --- | --- |
| Skills | 191698, 1 |

**Learning Outcome**
Students will track their progress as they develop the skills and expertise required by their internship.

of a faculty member.

| Title | Tags |
| --- | --- |
| Conference-Length Paper (or Its Approved Equivalent) | 191686, 3 |

**Learning Outcome**
Students in English 590R will produce a conference-length paper suitable for professional presentation (or its approved equivalent).

| Title | Tags |
| --- | --- |
| Career Consideration | 191708, 7 |

**Learning Outcome**
Students will consider the positives and negatives of a career in the area of their internship.

## ENGL 599R - Internship in Professional Community

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENGL | 599R |

**Teaching Area**
ENGL
**Course Title**
Internship in Professional Community
**Department**
English
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
9

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Skills | 191888, 1 |

**Learning Outcome**
Students will track their progress as they develop the skills and expertise required by their internship.

## ENGL382 - Shakespeare

### Course Information

**Course Number**
382
**Teaching Area**
ENGL
**Course Title**
Shakespeare
**Course Description**
Intensive reading, discussion, and (in some sections) viewing of plays from the comedy, tragedy, romance, and history genres.
**Department**
English
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 291 - British Literary History 1
  **AND** ENGL 303 - Writing Literary Criticism

Prerequisites

**Complete ALL of the following Courses:**
- ENGL 292 - British Literary History 2
  **AND** ENGL 293 - American Literary History

| Title | Tags |
| --- | --- |
| Face Challenges | 191889, 2 |

Learning Outcome
Students will meet the challenges of their internship.

| Title | Tags |
| --- | --- |
| Career Consideration | 191890, 3 |

Learning Outcome
Students will consider the positives and negatives of a career in the area of their internship.

| Title | Tags |
| --- | --- |
| Recognize Skills | 191891, 4 |

Learning Outcome
Students will recognize the portability of the skills they have developed English majors and the value of these skills in the marketplace.

**AND** ENGL 295 - American Literary History

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 294 - Transatlantic Literary History

**Additional Comments:**

**Note**
For English majors and minors.

| Title | Tags |
| --- | --- |
| Secondary Scholarship | 191349, 3 |

Learning Outcome
Develop familiarity with key secondary scholarship about and critical perspectives of Shakespeare's works.

| Title | Tags |
| --- | --- |
| Literary Contexts | 191798, 1 |

Learning Outcome
Explain the historical and literary contexts, genres and themes, and ethical dimensions of Shakespeare's representative works.

| Title | Tags |
| --- | --- |
| Scholarly Research | 191799, 4 |

Learning Outcome
Perform scholarly research on Shakespeare's works by identifying and evaluating primary and secondary sources, by formulating arguments conversant with these sources, and by articulating those arguments in formal academic writing.

| Title | Tags |
| --- | --- |
| Critical Reading Strategies | 191802, 2 |

Learning Outcome
Develop reading strategies that explore how texts are constructed to present a set of arguments (historical, aesthetic, etc) and use those critical reading skills to interpret the texts' concerns and to trace interrelationships among them.

## ENT 101 - Introduction to Entrepreneurship

### Course Information

**Teaching Area (new)**
ENT

**Course Number**
101

**Teaching Area**
ENT

**Course Title**
Introduction to Entrepreneurship

**Course Description**
Is entrepreneurship for you? Basics of entrepreneurship, its importance to society, opportunities to pursue a startup company, and impact on future careers.

**Department**
Management

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Explain Benefits of Entrepreneurship

**Tags**
211415, 0, 1

**Learning Outcome**
Students will be able to explain the history and social benefits of entrepreneurship in American history and society.

**Title**
Principles of Entrepreneurship

**Tags**
211416, 0, 2

**Learning Outcome**
Students will be able to identify, describe, and apply various principles of entrepreneurship.

**Title**
Entrepreneurial Confidence

**Tags**
211417, 0, 3

**Learning Outcome**
Students will demonstrate

## ENT 113 - Startup Bootcamp

### Course Information

**Teaching Area (new)**
ENT

**Course Number**
113

**Teaching Area**
ENT

**Course Title**
Startup Bootcamp

**Course Description**
Learn and apply the basic skills to create a startup company. Work in teams to identify entrepreneurial opportunities and develop innovative solutions. Interact with real customers to validate business assumptions. Prepare a financial plan and analyze the viability of the business.

**Department**
Management

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Recommended**
TECH 112

Students will demonstrate entrepreneurial confidence by engaging in entrepreneurial activities.

**Title**
Describes Various Forms of Entrepreneurship

**Tags**
211418, 0, 4

**Learning Outcome**
Students will be able to identify and describe different forms of entrepreneurship and the value and purpose of each form (e.g., 0 - 1, acquistion, life-style, family business, etc.)

## ENT 300 - Fundamentals of Starting a Business

### Course Information

**Teaching Area (new)**
ENT

**Course Number**
300

**Teaching Area**
ENT

**Course Title**
Fundamentals of Starting a Business

**Course Description**
Practical aspects of business formation and growth; create and launch a business and generate revenue under the guidance of course faculty.

**Department**
Management

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Primarily for students not in the BYU Marriott School of Business.

**Title**

**Tags**

## ENT 301 - Business Model Ideation & Validation

### Course Information

**Teaching Area (new)**
ENT

**Course Number**
301

**Teaching Area**
ENT

**Course Title**
Business Model Ideation & Validation

**Course Description**
Create a successful new venture by validating an initial idea and subsequent business model.

**Department**
Management

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Primarily for students not in the BYU Marriott School of Business.

**Title**

**Tags**

| Title | Tags |
| --- | --- |
| Founding Team | 211429, 0, 2 |

**Learning Outcome**
Organize a team of founders to create a business venture

| Title | Tags |
| --- | --- |
| Entrepreneurial Management | 211432, 0, 5, 2021-09-23 11:29:44 |

**Learning Outcome**
Employ principles of entrepreneurial management to organize, start and grow a business

| Title | Tags |
| --- | --- |
| Generate Revenue | 211433, 0, 6, 2021-09-23 11:29:44 |

**Learning Outcome**
Launch and run a new venture that generates revenue

| Title | Tags |
| --- | --- |
| Generate Creative New Ideas | 176309, 0, 0, 2020-06-23 13:51:01 |

**Learning Outcome**
Think creatively and generate new ideas to solve customer pains and problems

| Title | Tags |
| --- | --- |
| Validate Entrepreneurial Opportunities | 176121, 0, 1, 2020-06-23 13:51:01 |

**Learning Outcome**
Evaluate desirability, feasibility, and viability of potential new ventures through rigorous hypothesis testing.

| Title | Tags |
| --- | --- |
| Evaluate Business Ideas | 176310, 0, 2, 2020-06-23 13:51:01 |

**Learning Outcome**
Develop and evaluate business models to take a new idea to market

## ENT 302 - Legal Issues in Entrepreneurship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENT | 302 |

**Teaching Area**
ENT
**Course Title**
Legal Issues in Entrepreneurship
**Course Description**
Legal risks faced by entrepreneurs. How to plan for and avoid legal problems including forming the business, legal liability, and protecting assets.
**Department**
Management
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## ENT 323 - Entrepreneurial Sales & Persuasion

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENT | 323 |

**Teaching Area**
ENT
**Course Title**
Entrepreneurial Sales & Persuasion
**Course Description**
This course focuses on fundamentals of human persuasion and sales in the early stages of business (new ventures, startups, and growth companies). These include the skills practiced by accomplished salespeople to navigate the different steps of a sale, grounded in an understanding of purchase decisions. It also addresses persuasion in the context of raising capital, recruiting and motivating employees, and establishing partnerships. The importance of ethics and creativity throughout selling process are addressed as well.
**Department**
Management
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
For Marriott School majors only. (Not for Accounting or Finance majors.)

| Title | Tags |
|---|---|
| Limiting liability | 177039, 3 |

**Learning Outcome**
Identify sources of business liability and how to limit it.

| Title | Tags |
|---|---|
| Sustaining ethical values | 177040, 4 |

**Learning Outcome**
Develop and sustain a sense of ethical values.

| Title | Tags |
|---|---|
| Strategic uses of the law | 177137, 2 |

**Learning Outcome**
Use the law as a strategic tool.

| Title | Tags |
|---|---|
| Understanding contracts and obligations | 177149, 1 |

**Learning Outcome**
demonstrate an understanding of contracts and obligations and how to manage them.

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

## ENT 326 - Career Development and Student Mentoring

### Course Information

**Teaching Area (new)**
ENT
**Course Number**
326
**Teaching Area**
ENT
**Course Title**
Career Development and Student Mentoring
**Course Description**
Introduction to the resources, services, and opportunities for career development available to business management majors. Specific projects include developing a career plan, refining interviewing and networking skills, and interacting individually with a mentor well-established in a directly relevant career.\n
**Department**
Management
**When Taught**

## ENT 382 - Technology Entrepreneurship Lecture Series

### Course Information

**Teaching Area (new)**
ENT
**Course Number**
382
**Teaching Area**
ENT
**Course Title**
Technology Entrepreneurship Lecture Series
**Course Description**
Lectures about technology entrepreneurship by successful entrepreneurs.
**Department**
Management
**When Taught**
Fall and Winter

When Taught
Fall

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Other Prerequisites
For Entrepreneurial Management majors only.

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Entrepreneurship Types | 176276, 0, 0 |

Learning Outcome
Identify and describe various approaches to entrepreneurship, with a focus on technology related entrepreneurial ventures.

| Title | Tags |
| --- | --- |
| Entrepreneurship & Your Career Path | 176277, 0, 1 |

Learning Outcome
Assess the relevance of various approaches to entrepreneurship for your career path, with a focus on technology related entrepreneurial ventures.

| Title | Tags |
| --- | --- |
| Test Principles of Entrepreneurship | 176163, 0, 3 |

Learning Outcome
Test principles of entrepreneurship, with a focus on technology related entrepreneurial ventures, that may apply in your own life to discover what works for you.

## ENT 401 - Entrepreneurial Innovation

### Course Information

Teaching Area (new) | Course Number

## ENT 402 - Entrepreneurship Analytics

### Course Information

Teaching Area (new) | Course Number

ENT 401
Teaching Area
ENT
Course Title
Entrepreneurial Innovation
Course Description
Finding and validating ideas for innovative new ventures with a focus on customer pain, elegant solutions, and markets.
Department
Management
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
For Marriott School majors.

| Title | Tags |
|---|---|
| Create Elegant Solutions | 177112, 4 |

Learning Outcome
Apply principles of design to create and validate elegant solutions to customers' problems.

| Title | Tags |
|---|---|
| Formulate and Prioritize Hypotheses | 177113, 3 |

Learning Outcome
Identify and prioritize assumptions about customers, their problems, and new solutions.

| Title | Tags |
|---|---|
| Understand Customers and Competitive Contexts | 177114, 2 |

Learning Outcome
Develop rich descriptions of customers' experiences with a specific problem and the

ENT 402
Teaching Area
ENT
Course Title
Entrepreneurship Analytics
Course Description
Analysis of expected profitability of startups. Students collect and analyze data to find demand curves, cost curves, profit curves, optimal prices and competition in various competitive environments. Economic principles are used to make decisions about whether to launch new ventures.
Department
Management
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
No selection provided

**Additional Comments:**

Other Prerequisites
For Entrepreneurial Management majors only.

| Title | Tags |
|---|---|
| Experiment | 209961, 0, 1 |

Learning Outcome
Design and execute experiments to test hypotheses about customer pains and solution.

| Title | Tags |
|---|---|
| Estimate expected profitability | 209962, 0, 2 |

Learning Outcome
Calculate expected profitability

performance of existing solutions.

| Title | Tags |
| --- | --- |
| Validate Entrepreneurial Opportunities | 177135, 5 |

**Learning Outcome**
Evaluate desirability, feasibility, and viability of potential new ventures through rigorous hypothesis testing.

| Title | Tags |
| --- | --- |
| Generate Creative New Ideas | 177136, 1 |

**Learning Outcome**
Demonstrate your ability to think creatively and generate new ideas.

Calculate expected profitability of an innovation based on analysis of customer demand, revenue, cost, and competition.

| Title | Tags |
| --- | --- |
| Decision whether to enter | 209963, 0, 3 |

**Learning Outcome**
Decide whether to enter a market based on analysis of profit and entry barriers.

## ENT 411 - Creating New Ventures

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENT | 411 |

**Teaching Area**
ENT
**Course Title**
Creating New Ventures
**Course Description**
Learning the critical skills to create a successful new venture by validating an initial idea and business model in the field.
**Department**
Management
**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## ENT 421 - Financing New Ventures

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENT | 421 |

**Teaching Area**
ENT
**Course Title**
Financing New Ventures
**Course Description**
Concepts and skills of entrepreneurship, emphasizing how new and emerging companies are financed. Applying functional tools to case situations.
**Department**
Management
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**

**Recommended**
For Marriott School majors

| Title | Tags |
|---|---|
| Entrepreneurial Founding Team | 176033, 0 |

**Learning Outcome**
Participate effectively on an entrepreneurial founding team.

| Title | Tags |
|---|---|
| Evaluating Business Ideas | 176060, 1 |

**Learning Outcome**
Evaluate business ideas, opportunities, and plans.

| Title | Tags |
|---|---|
| Financial Business | 176078, 2 |

**Learning Outcome**
Plan the financial aspects of a new business.

0

**Other Prerequisites**
For Marriott School majors.

| Title | Tags |
|---|---|
| Effective Management Practices | 176100, 1 |

**Learning Outcome**
Apply effective entrepreneurial and general management practices from the perspectives of the founder and vital stakeholders.

| Title | Tags |
|---|---|
| Entrepreneurial Perspective | 176107, 0 |

**Learning Outcome**
Apply the entrepreneurial perspective to make better decisions in analyzing or creating a business venture.

| Title | Tags |
|---|---|
| Developing Business Opportunities | 176232, 2 |

**Learning Outcome**
Analyze business opportunities and develop them into investment grade businesses.

## ENT 422 - Managing New Ventures and Family Business

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ENT | 422 |

**Teaching Area**
ENT
**Course Title**
Managing New Ventures and Family Business
**Course Description**
How to operate, grow, and exit new ventures and family-owned businesses following their creation and funding. Consulting project required.
**Department**
Management
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

## ENT 425 - Venture Capital for Startups

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ENT | 425 |

**Teaching Area**
ENT
**Course Title**
Venture Capital for Startups
**Course Description**
Explore how successful startups navigate obtaining funding from venture capital firms, the typical terms and structures of those relationships, and how they manage those relationships over time. Considered from the perspective of both the venture capital firm and the founder seeking capital, with hands-on practice.
**Department**
Management
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
For Marriott School majors.

| Title | Tags |
| --- | --- |
| Problem Solving Recommendations | 176066, 3 |

Learning Outcome
Be able to articulate recommendations to solve those problems.

| Title | Tags |
| --- | --- |
| Specific Recommendations for Improvement | 176148, 1 |

Learning Outcome
Recommend specific ways to improve each of the systems of an entrepreneurial firm.

| Title | Tags |
| --- | --- |
| Three systems of an Entrepreneurial Firm | 176188, 0 |

Learning Outcome
Describe the three systems of an entrepreneurial firm: Business, Family, and Governance

| Title | Tags |
| --- | --- |
| Diagnosing problems. | 176233, 2 |

Learning Outcome
Diagnose problems that a family business and/or entrepreneurial firm has concerning its business, governance, and family systems.

## ENT 427 - Building Your Lean Venture

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Understand Venture Capital | 211421, 0, 1 |

Learning Outcome
Understand how investment decisions are made by venture capital firms, and how investments can be structured when financing start-up and early-stage ventures

| Title | Tags |
| --- | --- |
| Conduct Due Diligence | 211422, 0, 2 |

Learning Outcome
Assess and analyze a start-up investment opportunity, and recommend whether to invest

| Title | Tags |
| --- | --- |
| VC Funding | 211423, 0, 3 |

Learning Outcome
Identify, approach, and pitch to a VC firm in order to obtain funding for a startup

## ENT 431 - Innovation Practicum

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

ENT 427
**Teaching Area**
ENT
**Course Title**
Building Your Lean Venture
**Course Description**
Explores the tasks entrepreneurs must master once they have settled on a business model and are ready to launch their business, including team building and leadership, product development, operations/logistics, financial modeling, fundraising, marketing, sales, client on-boarding and success.\n
**Department**
Management
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Product development and operations
**Tags**
211425, 0, 2

**Learning Outcome**
Move early stage ideas and prototypes to the market to serve initial customer demand

**Title**
Entrepreneurial marketing and sales and client success
**Tags**
211426, 0, 3

**Learning Outcome**
Launch a business using principles of entrepreneurial marketing, sales, client on-boarding and ongoing management

**Title**
Business formation, team building, and funding
**Tags**
211424, 0, 1

**Learning Outcome**

ENT 431
**Teaching Area**
ENT
**Course Title**
Innovation Practicum
**Course Description**
Theory and practice of innovation, emphasizing the discovery and development of innovative ideas in interdisciplinary teams.
**Department**
Management
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Crocker Fellowship only. Permission required.

**Title**
Applying the innovation process to create prototypes
**Tags**
177055, 2

**Learning Outcome**
Apply the innovation process to advance ideas from concepts to customer-validated prototypes

**Title**
Working in an interdisciplinary team
**Tags**
177090, 3

**Learning Outcome**
Demonstrate the ability to work effectively in an interdisciplinary team--working through the phases of both product development, and team development.

**Title**
Generating and testing ideas
**Tags**
177147, 1

**Learning Outcome**
Collaboratively design and test

Build, expand and structure your founding team and obtain funding for your venture.

ideas for a new venture, and limit the options to a single, implementable design.

## ENT 432 - Commercializing Innovation

### Course Information

**Teaching Area (new)**
ENT

**Course Number**
432

**Teaching Area**
ENT

**Course Title**
Commercializing Innovation

**Course Description**
Commercializing innovations in interdisciplinary teams to bring innovative solutions to customers in the market.

**Department**
Management

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENT 431 - Innovation Practicum

**Additional Comments:**

**Title**
Legal, financial and organizational issues

**Tags**
208058, 2

**Learning Outcome**
Implement legal, financial and organizational principles to

## ENT 434R - New Venture LaunchPad

### Course Information

**Teaching Area (new)**
ENT

**Course Number**
434R

**Teaching Area**
ENT

**Course Title**
New Venture LaunchPad

**Course Description**
Student entrepreneurs currently building a business will learn business best practices through mentored learning with a proven entrepreneur. Topics covered include product-market fit, sales systems, pitches, boards, employees, compensation, leadership, ethics, and fundraising.

**Department**
Management

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Marriott School majors.

**Title**
Innovation

**Tags**
211437, 0, 1

**Learning Outcome**
Create value through innovation.

**Title**
Communication Skills

**Tags**
211438, 0, 2

**Learning Outcome**
Sell an idea and communicate effectively with employees,

create a new venture.

| Title | Tags |
| --- | --- |
| Maturing innovation | 208059, 1 |

**Learning Outcome**
Apply the innovation process to continue to develop the innovation and solve the customer problem.

partners, manufacturers, investors, and Venture Capitalists.

| Title | Tags |
| --- | --- |
| Business Plans | 211439, 0, 3 |

**Learning Outcome**
Create and write effective business plans.

| Title | Tags |
| --- | --- |
| Internet Technology | 211440, 0, 4 |

**Learning Outcome**
Utilize internet technology to find opportunities, conduct analysis, create buzz, attract customers, and market new products/services.

| Title | Tags |
| --- | --- |
| Ethical Leadership | 211441, 0, 5 |

**Learning Outcome**
Manage ethically and serve as ethical leaders in the business community.

## ENT 436 - Experiential Entrepreneurship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENT | 436 |

**Teaching Area**
ENT
**Course Title**
Experiential Entrepreneurship
**Course Description**
Introduction to entrepreneurial strategy principles, frameworks and tools; mentored on-campus internship with growth-stage company (OCI application required); preference given to entrepreneurial management majors.
**Department**
Management
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

## ENT 437 - Entrepreneurship Capstone

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENT | 437 |

**Teaching Area**
ENT
**Course Title**
Entrepreneurship Capstone
**Course Description**
Mentored consulting project to apply entrepreneurial management and innovation tools with a growth-stage company; preference given to entrepreneurial management majors.
**Department**
Management
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENT 401 - Entrepreneurial Innovation

**Additional Comments:**

**Other Prerequisites**
For Entrepreneurial Management majors only.

| Title | Tags |
|---|---|
| Growth Challenges | 211434, 0, 4 |

**Learning Outcome**
Understand challenges faced by growth-stage companies (market validation, product design and development).

| Title | Tags |
|---|---|
| Decision Tools | 211435, 0, 5 |

**Learning Outcome**
Apply analytical tools to support decisions to address these challenges and questions.

| Title | Tags |
|---|---|
| Recommendations | 211436, 0, 6 |

**Learning Outcome**
Develop a coherent, feasible set of recommendations and present them effectively.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENT 436 - Experiential Entrepreneurship

**Additional Comments:**

| Title | Tags |
|---|---|
| Identifying business opportunities | 209964, 0, 1 |

**Learning Outcome**
Be able to identify and evaluate potential business opportunities and select those that have a reasonable likelihood of success and which fit an individual's skill set, interests, and resources.

| Title | Tags |
|---|---|
| Business website creation | 209965, 0, 2 |

**Learning Outcome**
Be able to build a basic but professional business website.

| Title | Tags |
|---|---|
| Online marketing skills | 209966, 0, 3 |

**Learning Outcome**
Be able to design, launch, evaluate, and optimize online marketing efforts.

| Title | Tags |
|---|---|
| General business management skills | 209967, 0, 4 |

**Learning Outcome**
Develop general confidence with key business skills such as sales, negotiations, teamwork, presentations and basic management of operations.

## ENT 441 - Rapid Product Innovation & Development

### Course Information

**Course Number**
441
**Teaching Area**
ENT
**Course Title**
Rapid Product Innovation & Development
**Course Description**
Processes, frameworks, and methods for validating ideas for innovative new products with a focus on understanding customer pain and needs, developing elegant solutions, and prototyping and testing those ideas.
**Department**
Management
**When Taught**
Winter

### Credit Hours

**Fixed**
1.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0.5

| Title | Tags |
| --- | --- |
| Create innovative solutions | 213786, 0, 1, 2023-08-29 08:59:38 |

**Learning Outcome**
Think creatively, design and generate innovative solution ideas

| Title | Tags |
| --- | --- |
| Test & validate solution appeal | 213787, 0, 2, 2023-08-29 08:59:41 |

**Learning Outcome**
Apply principles and methods to validate the potential appeal of solutions

| Title | Tags |
| --- | --- |
| Build prototype solutions | 213788, 0, 3, 2023-08-29 08:59:42 |

**Learning Outcome**

## ENT 442 - Ideation & Team Formation

### Course Information

**Course Number**
442
**Teaching Area**
ENT
**Course Title**
Ideation & Team Formation
**Course Description**
Learn processes and methodologies to generate innovative business and product ideas across various industries and domains, and then determine the market opportunity and potential for ideas. In collaboration with teams, apply decision making frameworks to determine whether to pursue opportunities.
**Department**
Management
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
1.5

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Idea search process | 213790, 0, 1, 2023-08-29 08:59:45 |

**Learning Outcome**
Apply creative search and idea generation processes in novel and uncertain contexts

| Title | Tags |
| --- | --- |
| Market opportunity assessment | 213791, 0, 2, 2023-08-29 08:59:47 |

**Learning Outcome**
Assess the market opportunity and attractiveness for ideas based on primary and secondary research methods (competitive & customer analysis)

| Title | Tags |
| --- | --- |

Quickly, and at a low cost, develop solution prototypes that can be utilized in validation, testing, and iteration

| Title | Tags |
| --- | --- |
| Managing collaborative development processes | 213789, 0, 4, 2023-08-29 08:59:44 |

**Learning Outcome**
Organize and work effectively with cross-functional teams to design, test, and build solutions

Cross-functional team leadership213792, 0, 3, 2023-08-29 08:59:48

**Learning Outcome**
Effectively form and lead diverse cross-functional teams in the process of developing innovative ideas

## ENT 445R - Software Product Management Lecture Series

### Course Information

**Course Number**
445R
**Teaching Area**
ENT
**Course Title**
Software Product Management Lecture Series
**Course Description**
Lectures and networking with professionals and entrepreneurs involved in the development, launch, and growth of software products and businesses.
**Department**
Management
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Fixed**
0.5

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Networking | 213793, 0, 1, 2023-08-29 08:59:49 |

**Learning Outcome**
Building ties with industry professionals and fellow students

## ENT 478 - Venture Studio Practicum

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ENT | 478 |

**Teaching Area**
ENT
**Course Title**
Venture Studio Practicum
**Course Description**
This student-led Venture Studio helps founders and operators of new ventures in their early stages to to begin and execute appropriate "next steps." This acceleration process is a beginning-to-end solution for new venture problems in tactical operations, sales and marketing, people organizations, legal and compliance, and engineering and product development as needed at each stage of the process. The course requires diligence, analysis, and resource application to reduce failure risk for new ventures by all key measures. Students will typically address client capability gaps in several market stages: Incubator/Accelerator; Studio; Bootstrap; and Angel/Seed stage.
**Department**
Management
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Career readiness | 213794, 0, 2, 2023-08-29 08:59:52 |

**Learning Outcome**
Learn skills necessary to obtain employment in the product management field, or launch a SW business

| Title | Tags |
| --- | --- |
| Identify Companies | 211427, 0, 1 |

**Learning Outcome**
Identify outstanding ideas, products, and companies to diligence, research, and apply acquired skills suited to client needs.

| Title | Tags |
| --- | --- |
| Assist client companies | 211428, 0, 2 |

**Learning Outcome**
Practicum students will be able to evaluate, improve and skillfully protect company overall health using "shipshape" tools capturing all relevant measures.

## ENT 479R - Advanced Venture Studio

### Course Information

**Teaching Area (new)**
ENT

**Course Number**
479R

**Teaching Area**
ENT

**Course Title**
Advanced Venture Studio

**Course Description**
An advanced course empowering student leaders through hands-on client work for entrepreneurs. This course goes further into identifying and acquiring critical resources for early companies. These resources include operations support, work space, and financial capital. Students provide clients state-of-the-art support functions in tactical operations, sales and marketing, people organizations, legal and compliance, and engineering and product development at various stages of business development.

**Department**
Management

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ENT 478 - Venture Studio Practicum

**Additional Comments:**

## ENT 490R - Topics in Entrepreneurial Management

### Course Information

**Teaching Area (new)**
ENT

**Course Number**
490R

**Teaching Area**
ENT

**Course Title**
Topics in Entrepreneurial Management

**Course Description**
Special topics in entrepreneurship. Specific topics covered vary year to year.

**Department**
Management

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
By permission only.

**Title**
Apply Entrepreneurship Principles

**Tags**
211419, 0, 1

**Learning Outcome**
Effectively apply the tools, models and concepts of entrepreneurial management to the issues and cases covered in the course.

## ESL 301 - Advanced Academic English for International Students

### Course Information

## ESL 302 - Advanced English Pronunciation for International Students

### Course Information

## Course Information

**Teaching Area (new)**
ESL

**Course Number**
301

**Teaching Area**
ESL

**Course Title**
Advanced Academic English for International Students

**Course Description**
Integrated skills course for nonnative English speakers, primarily focused on academic listening, speaking, and the basic skills needed for success at an American university.

**Department**
Linguistics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
For bilingual foreign students

**Title**
Participate in English academic settings

**Tags**
198083, 1

**Learning Outcome**
Participate and communicate in English in academic settings clearly, confidently, and effectively.

**Title**
Give effective oral presentations in English

**Tags**
198203, 2

**Learning Outcome**
Give oral presentations of various kinds in English effectively in academic settings.

**Title**
Gain English listening/speaking skills critical to success

**Tags**
198291, 0

**Learning Outcome**

## Course Information

**Teaching Area (new)**
ESL

**Course Number**
302

**Teaching Area**
ESL

**Course Title**
Advanced English Pronunciation for International Students

**Course Description**
Improving the speaking ability of nonnative English students, emphasizing rhetorical and communication strategies, pronunciation, stress, rhythm, intonation, and fluency.

**Department**
Linguistics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For bilingual foreign students

**Title**
Increased awareness of English pronunciation patterns

**Tags**
198092, 0

**Learning Outcome**
Non-native English-speaking students will develop an increased awareness of English pronunciation patterns

**Title**
Strategies to improve the ability to pronounce English corre

**Tags**
198219, 1

**Learning Outcome**
ESL students will improve their knowledge of strategies to learn to pronounce English and ability to pronounce English correctly in the following areas: a. Vowels and consonants, b. Syllables and word endings, c. Intonation, d. Stress, e. Rhythm, and f. Linking.

Learning Outcome
Gain English listening and speaking skills critical to success in American academic, university settings

Title
Understand cultural, academic differences

Tags
198298, 4

Learning Outcome
Explain cultural differences in academic settings

Title
Take effective notes in academic settings.

Tags
198316, 3

Learning Outcome
Listen to academic lectures and take effective notes

## ESL 303 - College Reading and Study Skills for International Students

### Course Information

Teaching Area (new)
ESL

Course Number
303

Teaching Area
ESL

Course Title
College Reading and Study Skills for International Students

Course Description
Learning strategies to improve reading speed and to understand materials used in university classes.

Department
Linguistics

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

## ESL 304 - Academic Writing for International Students

### Course Information

Teaching Area (new)
ESL

Course Number
304

Teaching Area
ESL

Course Title
Academic Writing for International Students

Course Description
Learning how to write essays, reports, and research papers acceptable in an American university

Department
Linguistics

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
For bilingual foreign students
Note
Should be taken during the first year (for nonnative English speakers).

Title
Build vocabulary and other reading skills in English

Tags
198136, 1

Learning Outcome
Students will build increased English vocabulary, comprehension, inference, and critical thinking and evaluation, among other skillls

Title
University-level reading skills in English

Tags
198260, 0

Learning Outcome
Non-native English-speaking students will acquire or improve the skills they need to read and understand university-level materials.

Fixed
1

Other Prerequisites
For bilingual foreign students
Note
Should be taken before ELang 105 or Engl 150.

Title
Independence and awareness in English writing skills

Tags
198106, 0

Learning Outcome
Non-native English-speaking students will become more independent in their English writing and study skills and more aware of their writing ability

Title
Critical and creative thinking

Tags
198124, 1

Learning Outcome
Students in this course will learn to think critically and creatively.

Title
Critical and creative thinking

Tags
198180, 1

Learning Outcome
Students in this course will learn to think critically and creatively.

Title
Writing processes

Tags
198294, 3

Learning Outcome
Students will demonstrate the ability to use various processes as they write

Title
Read/write in university genres

Tags
198295, 5

Learning Outcome
Students will gain the ability ro read and write in genres common in university coursework.

Title
Documented research writing

Tags
198307, 4

Learning Outcome
Students will be able to locate information in a major university library and write a documented

research paper based on that information.

## ESL 305 - Applied Grammar for International Students

### Course Information

**Teaching Area (new)**
ESL
**Course Number**
305
**Teaching Area**
ESL
**Course Title**
Applied Grammar for International Students
**Course Description**
Increasing correct grammar use in academic writing.
**Department**
Linguistics
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For international students.
**Recommended**
Concurrent enrollment in ESL 304 or ELang 105

**Title**
Independently correct English grammar errors
**Tags**
198280, 2

**Learning Outcome**
Demonstrate the ability to recognize and independently correct grammar errors.

**Title**
Appropriate, varied, and accurate vocabulary usage
**Tags**
198288, 1

**Learning Outcome**
Demostrate the ability to select

## ESTON 100 - Language Study: Estonian

### Course Information

**Teaching Area (new)**
ESTON
**Course Number**
100
**Teaching Area**
ESTON
**Course Title**
Language Study: Estonian
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Estonian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking
**Tags**
197463, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title**
Social Situations
**Tags**
197464, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

appropriate and varied English vocabulary related to assigned topics with accuracy in word choice and form.

| Title | Tags |
| --- | --- |
| Academic writing tasks | 198301, 0 |

**Learning Outcome**
Non-native English-speaking students will gain the ability to respond appropriately to a variety of academic writing tasks in English.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197465, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## ESTON 101 - First-Year Language Study: Estonian

### Course Information

**Teaching Area (new)**
ESTON
**Course Number**
101
**Teaching Area**
ESTON
**Course Title**
First-Year Language Study: Estonian
**Course Description**
Beginning speaking, listening, reading, and writing skills in Estonian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 197466, 1 |

**Learning Outcome**
Understand written and spoken target language relating to

## ESTON 102 - First-Year Language Study: Estonian

### Course Information

**Teaching Area (new)**
ESTON
**Course Number**
102
**Teaching Area**
ESTON
**Course Title**
First-Year Language Study: Estonian
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Estonian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197467, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197468, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197469, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Prerequisites

**Complete ALL of the following Courses:**

- ESTON 101 - First-Year Language Study: Estonian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 197470, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197471, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197472, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197473, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## ESTON 201 - Second-Year Language Study: Estonian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ESTON | 201 |

**Teaching Area**
ESTON
**Course Title**
Second-Year Language Study: Estonian

## ESTON 202 - Second-Year Language Study: Estonian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ESTON | 202 |

**Teaching Area**
ESTON
**Course Title**
Second-Year Language Study: Estonian

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Estonian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ESTON 102 - First-Year Language Study: Estonian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197474, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197475, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

**Course Description**
Continued emphasis on Estonian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ESTON 201 - Second-Year Language Study: Estonian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197478, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197479, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details

| Title | Tags |
| --- | --- |
| Grammar | 197476, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 197477, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197480, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197481, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## ESTON 305 - Language Skills Development: Estonian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ESTON | 305 |

**Teaching Area**
ESTON
**Course Title**
Language Skills Development: Estonian
**Course Description**
Increasing proficiency in one or more of the following Estonian language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

## ESTON 321 - Advanced Grammar: Estonian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ESTON | 321 |

**Teaching Area**
ESTON
**Course Title**
Advanced Grammar: Estonian
**Course Description**
Systematic review of grammar and syntax of Estonian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197482, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197483, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197484, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ESTON 202 - Second-Year Language Study: Estonian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197485, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197486, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 197487, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## ESTON 330 - Advanced Language Proficiency Through Cultural Studies: Estonian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ESTON | 330 |

## ESTON 340 - Introduction to Literature: Estonian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ESTON | 340 |

**Teaching Area**
ESTON

**Teaching Area**
ESTON
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Estonian
**Course Description**
Study of Estonian culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Eston 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197488, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197489, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

ESTON
**Course Title**
Introduction to Literature: Estonian
**Course Description**
Advanced study of literature of Estonian literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ESTON 330 - Advanced Language Proficiency Through Cultural Studies: Estonian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197492, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197493, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197490, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197491, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

| Title | Tags |
| --- | --- |
| Context | 197494, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197495, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## ESTON 350 - Advanced Language Study for Career Purposes: Estonian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ESTON | 350 |

**Teaching Area**
ESTON
**Course Title**
Advanced Language Study for Career Purposes: Estonian
**Course Description**
Concentration on Estonian language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## EUROP 200 - Introduction to European Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EUROP | 200 |

**Teaching Area**
EUROP
**Course Title**
Introduction to European Studies
**Course Description**
Introduction to the major, the core disciplines involved and integrated in European studies, and European studies as a discipline.
**Department**
Internationl&Area Studies
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ESTON 330 - Advanced Language Proficiency Through Cultural Studies: Estonian

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197496, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197497, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 197498, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 197499, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Information Literacy: Foundations & Frameworks | 17022, 0, 0 |

**Learning Outcome**
Students will demonstrate advanced factual knowledge of European geographies, histories, politics, and cultures, and show proficiency in analyzing and interpreting specific European topics using major theories and concepts from the core European Studies disciplines (history, political science, and the humanities).

| Title | Tags |
|---|---|
| Global Citizenship | 17016, 0, 4 |

**Learning Outcome**
Students will acquire and refine an intellectual curiosity and habits of thought that will lead to life-long learning and continued engagement with European history, literature, culture, languages, and current affairs in various realms (personal, professional, church, civic).

| Title | Tags |
|---|---|
| Cultural Navigation: International Perspectives and Experiences | 17020, 0, 1 |

**Learning Outcome**
Students will acquire advanced international and intercultural competencies through coursework in international studies, habitual reading of European and global news, regular attendance at Kennedy Center lectures, as well as mentored learning experiences, including study abroad, internship, etc.

| Title | Tags |
|---|---|
| Professional Skills & Competencies | 17018, 0, 3 |

**Learning Outcome**
Students will cultivate advanced skills in critical reading,

| Title | Tags |
| --- | --- |
| Cultural Competence | 197500, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

thinking, and communication in a variety of disciplinary traditions (history, humanities, political science, etc.). They will also demonstrate a proficiency in communicating in a European language other than English.

## EUROP 320R - European Literature, Art, and Culture

### Course Information

**Teaching Area (new)**
EUROP
**Course Number**
320R
**Teaching Area**
EUROP
**Course Title**
European Literature, Art, and Culture
**Course Description**
In-depth study of key themes, genres, and movements across Europe, emphasizing contemporary trends in the literary and visual arts and methods of critical reading and writing in the humanities. Topics and texts vary by instructor.
**Department**
Internationl&Area Studies
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
EUROP 200 & HIST 250.

| Title | Tags |
| --- | --- |
| Knowledge of important European writers, artists, movements, and genres | 200220, 1 |

## EUROP 336R - The Social Sciences in a European Context

### Course Information

**Teaching Area (new)**
EUROP
**Course Number**
336R
**Teaching Area**
EUROP
**Course Title**
The Social Sciences in a European Context
**Course Description**
Social sciences core course approved for study abroad, internship, and experiential learning programs in London, Vienna, Paris, Madrid, Rome, and other European locations.
**Department**
Internationl&Area Studies
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5
**Fixed**
6

**Recommended**
Europ 200 and Hist 250

| Title | Tags |
| --- | --- |
| Analysis of Historical and Cultural Heritage Sites | 200200, 1 |

**Learning Outcome**
Students should be able to accurately and intelligently discuss the historical sites the program visited and explain how the events that occurred there proved pivotal to the development of the nation or Europe as a whole. Site visits should directly correspond with class discussions and reading and writing assignments.

**Title**

Learning Outcome
Students will extend and deepen their understanding of a wide range of important European writers, thinkers, artists, movements, and genres. Besides learning to interrogate the potential strengths and limitations of generalized notions of "European culture," students will develop a comparative sense of regional or national departures from or variations upon literary and artistic norms. Assessment measures: course exams and research papers, graduation exit exams and focus groups.

Title
Familiarity with analytic and interpretive modes from the humanities

Tags
200221, 2

Learning Outcome
Students will become conversant in many of the critical, descriptive, and interpretive modes characteristic of discourse in humanistic disciplines. They will learn to analyze works of European literature and visual art from formal, aesthetic, philosophical, and socio-political perspectives. Assessment measures: course exams and research papers, senior papers for capstone course (EUROP 490R), graduate focus groups.

Title
Developing intellectual curiosity and aesthetic sensibilities

Tags
200222, 3

Learning Outcome
Students will come to understand what it means to be "cultured" in European society and will develop the intellectual curiosity, aesthetic sensibilities, habits, and tastes to fuel a life-long study of the best European literature, cinema, and art. Assessment measures: graduate focus groups, alumni surveys.

Title
Application of Political and Historical Understanding to Other Disciplines

Tags
200201, 2

Learning Outcome
Students should demonstrate the ability to appropriately and constructively draw upon their knowledge of European history and politics when visiting churches or museums and interpreting the region's literature, art, music, and theater.

Title
Comparative Political Understanding

Tags
200202, 3

Learning Outcome
Students should show a comparative understanding of European and American political systems (e.g., constitutional monarchy, written vs. unwritten constitutions, presidents vs. prime ministers, etc.).

Title
Global Awareness 1: Participating in Current Global Debates

Tags
200203, 4

Learning Outcome
Students should demonstrate sufficient familiarity with today's most pressing European and/or national socio-political issues to offer informed views in class debates, conversations with locals, and discussions with associates in the U.S.

Title
Global Awareness 2: Europe in a Globalized, Postcolonial Age

Tags
200204, 5

Learning Outcome
Students should reveal an informed understanding of historical and contemporary European contacts with and assimilation of non-Western cultures (e.g., imperialism, decolonization, immigration).

Title
Historical Knowledge

Tags
200205, 0

Learning Outcome

Students will demonstrate a general understanding of the historical development of modern Europe (or of the nation or region upon which the course focuses). While students should emerge with a basic sense of all major historical periods, not all eras need receive equal coverage. A course taught in Florence, for instance, would presumably focus more heavily on the Renaissance than the eighteenth century.

## EUROP 337R - The Humanities in a European Context

### Course Information

**Teaching Area (new)**
EUROP

**Course Number**
337R

**Teaching Area**
EUROP

**Course Title**
The Humanities in a European Context

**Course Description**
Humanities core course approved for study abroad, internship, and experiential learning programs in London, Vienna, Paris, Madrid, Rome and other European locations.

**Department**
Internationl&Area Studies

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
6

**Recommended**
Europ 200, Europ 320R

## EUROP 490R - Senior Seminar in European Studies

### Course Information

**Teaching Area (new)**
EUROP

**Course Number**
490R

**Teaching Area**
EUROP

**Course Title**
Senior Seminar in European Studies

**Course Description**
Interdisciplinary study of an issue central to European studies; topics vary.

**Department**
Internationl&Area Studies

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- EUROP 200 - Introduction to European Studies

**Additional Comments:**

**Other Prerequisites**
Senior status or program coordinator's consent

| Title | Tags |
| --- | --- |
| targeted understanding | 200097, 2 |

**Learning Outcome**
Students will understand the relationship of the course's central issue to their country or countries of interest.

| Title | Tags |
| --- | --- |
| research and writing | 200114, 1 |

**Learning Outcome**
Students will identify a valid research topic and research that topic using appropriate disciplinary methods, and they will write a cogent, scholarly essay in which they report the results of their research.

| Title | Tags |
| --- | --- |
| Knowledge and Analytic Understanding | 200196, 0 |

**Learning Outcome**
Students will gain an in-depth understanding of an issue central to European Studies and be able to articulate that understanding using theories, concepts, research materials, and ideas from the perspectives of more than one European-Studies-related discipline.

## EXDM 123 - Introduction to Outdoor Recreation Activities

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXDM | 123 |

**Teaching Area**
EXDM
**Course Title**
Introduction to Outdoor Recreation Activities
**Course Description**
Participation in a variety of outdoor activities.
**Department**
Experience Design & Manag

## EXDM 199R - Academic Internship: Practicum

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXDM | 199R |

**Teaching Area**
EXDM
**Course Title**
Academic Internship: Practicum
**Course Description**
Internship or cooperative education experience evaluated by supervisor and posted on student's transcript.
**Department**

When Taught
All Semesters/Terms

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
3

Note
A signed waiver release form is required; the form will be distributed on the first day of class.

| Title | Tags |
| --- | --- |
| Leave No Trace | 175383, 1 |

Learning Outcome
Know and practice Leave No Trace principles during the class and beyond.

| Title | Tags |
| --- | --- |
| Skill Acquisition | 175384, 2 |

Learning Outcome
Demonstrate a working knowledge and basic skills for a variety of outdoor activities.

| Title | Tags |
| --- | --- |
| Teach Skills | 175385, 3 |

Learning Outcome
Demonstrate the ability to proficiently teach an outdoor activity or skill.

| Title | Tags |
| --- | --- |
| Outdoor Safety | 175386, 4 |

Learning Outcome
Review fundamental safety skills related to common practices in outdoor recreation.

Experience Design & Manag
When Taught
Fall and Winter

### Credit Hours

Min
0.5

Fixed
3

### Lecture Hours

Fixed
1

Note
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Outdoor Appreciation | 175387, 5 |

**Learning Outcome**
Reflect on the impact of God's creations in your life and your feelings about this beautiful world He has given us.

## EXDM 223R - Mountain Biking

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXDM | 223R |

**Teaching Area**
EXDM
**Course Title**
Mountain Biking
**Department**
Experience Design & Manag
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

## EXDM 223R - Sailing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXDM | 223R |

**Teaching Area**
EXDM
**Course Title**
Sailing
**Department**
Experience Design & Manag
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

## EXDM 223R - Wilderness Trek

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
223R

**Teaching Area**
EXDM

**Course Title**
Wilderness Trek

**Department**
Experience Design & Manag

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

## EXDM 223R - River Recreation

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
223R

**Teaching Area**
EXDM

**Course Title**
River Recreation

**Department**
Experience Design & Manag

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

## EXDM 223R - Outdoor Skills Leadership

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
223R

**Teaching Area**
EXDM

**Course Title**
Outdoor Skills Leadership

**Course Description**
In-depth approach to leadership skills in selected outdoor specialty areas, including camping, hiking and survival, basic backpacking, winter camping, mountain biking, fly-fishing, sailing, river recreation, rock climbing, family outdoor recreation, and outdoor therapeutic recreation skills.

**Department**
Experience Design & Manag

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
4

## EXDM 223R - Camping Skills

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
223R

**Teaching Area**
EXDM

**Course Title**
Camping Skills

**Department**
Experience Design & Manag

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
4

## EXDM 223R - Family Outdoor Recreation

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
223R

**Teaching Area**
EXDM

**Course Title**
Family Outdoor Recreation

**Department**
Experience Design & Manag

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

## EXDM 223R - Rock Climbing

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
223R

**Teaching Area**
EXDM

**Course Title**
Rock Climbing

**Department**
Experience Design & Manag

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

## EXDM 223R - Ski Instructor

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
223R

**Teaching Area**
EXDM

**Course Title**
Ski Instructor

**Department**
Experience Design & Manag

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

## EXDM 223R - Hiking and Survival

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
223R

**Teaching Area**
EXDM

**Course Title**
Hiking and Survival

**Department**
Experience Design & Manag

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

## EXDM 223R - Basic Backpacking

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
223R
**Teaching Area**
EXDM
**Course Title**
Basic Backpacking
**Department**
Experience Design & Manag
**When Taught**
Fall and Winter

**Credit Hours**

**Min**
2
**Fixed**
2

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
4

## EXDM 223R - Fly Fishing

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
223R
**Teaching Area**
EXDM
**Course Title**
Fly Fishing
**Department**
Experience Design & Manag
**When Taught**
Fall and Winter

**Credit Hours**

**Min**
2
**Fixed**
2

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
4

## EXDM 223R - Winter Camping

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
223R
**Teaching Area**
EXDM
**Course Title**
Winter Camping
**Department**
Experience Design & Manag
**When Taught**
Fall and Winter

**Credit Hours**

**Min**
2
**Fixed**
2

**Lecture Hours**

## EXDM 300 - Creating a Good Life through Experience Design

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
300
**Teaching Area**
EXDM
**Course Title**
Creating a Good Life through Experience Design
**Course Description**
Introduce basic experience design and recreational philosophies, emphasizing positive psychology principles. Explore life design opportunities and perspectives of what constitutes "the good life" across multiple countries, cultures, and diverse populations.
**Department**
Experience Design & Manag
**When Taught**
Fall, Winter, Spring

**Credit Hours**

**Min**
3

Fixed
2

### Lab Hours

Fixed
4

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Apply Foundational Principles | 175466, 1 |

Learning Outcome
Understand and apply foundational principles of recreation and experience design for self, family, community, and diverse populations.

| Title | Tags |
| --- | --- |
| Value Improving Quality of Life | 175467, 2 |

Learning Outcome
Value the importance of improving the quality of lives for individuals, families, and society

| Title | Tags |
| --- | --- |
| Exploring Life Design | 175468, 3 |

Learning Outcome
Explore life design opportunities by completing a comprehensive design of your life project.

| Title | Tags |
| --- | --- |
| Global and Cultural Awareness | 175469, 4 |

Learning Outcome
Acquire informed awareness of good life perspectives among other regions, countries, cultures, races, ethnicities, and genders outside of your own; experience thoughtful reflections through an in-depth academic comparison paper, and thereby develop greater empathy and charity for other's points of view.

| Title | Tags |
| --- | --- |
| Deep BYU Aims Experience | 175470, 5 |

**Learning Outcome**
Design, live, and reflect on a deep, inspiring BYU experience that contributes to the AIMs of a BYU education.

## EXDM 301 - Family Recreation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXDM | 301 |

**Teaching Area**
EXDM
**Course Title**
Family Recreation
**Course Description**
Exploring the role of family recreation in building successful families.
**Department**
Experience Design & Manag
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Bless and Strengthen | 175416, 1 |

**Learning Outcome**
Have a spiritual conviction that family recreation will bless and strengthen family life.

| Title | Tags |
| --- | --- |
| Family Strength and Unity | 175417, 2 |

**Learning Outcome**
Understand, evaluate, and explain the theories, principles

## EXDM 302 - Hospitality Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXDM | 302 |

**Teaching Area**
EXDM
**Course Title**
Hospitality Management
**Course Description**
Introducing hospitality management; integrating with venue and experience management; considering foundational principles, best professional practices; exploring professional opportunities.
**Department**
Experience Design & Manag
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Understanding foundational principles in hospitality management | 175241, 1 |

**Learning Outcome**
Demonstrate an understanding of core principles and concepts in hospitality management

**Title**

explain the theories, principles, and concepts of family recreation and their role in building family strength and unity.

| Title | Tags |
| --- | --- |
| Integrate Theory | 175418, 3 |

**Learning Outcome**
Integrate family recreation theory and generate it into a personal philosophy of family leisure that includes family recreation leadership proficiencies and applies family recreation principles.

| Title | Tags |
| --- | --- |
| Apply Principles | 175419, 4 |

**Learning Outcome**
Apply family recreation principles to current and future family life and share those principles with family, friends and the community.

| Title | Tags |
| --- | --- |
| Portfolio | 175420, 5 |

**Learning Outcome**
Maintain a professional, theory based, family recreation portfolio.

| Title | Tags |
| --- | --- |
| Personal Values | 175421, 6 |

**Learning Outcome**
Transform personal values of family time and family ritualization.

| Title | Tags |
| --- | --- |
| Best practices in hospitality management | 175242, 2 |

**Learning Outcome**
Demonstrate a working knowledge of best practices in the field--including hotel, resort, and food and beverage management.

| Title | Tags |
| --- | --- |
| Professional opportunities in hospitality management | 175243, 3 |

**Learning Outcome**
Understand the current professional landscape in this industry--career paths, essential skills, social networks, etc.

## EXDM 303 - Introduction to Sports and Entertainment Industries

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXDM | 303 |

**Teaching Area**
EXDM
**Course Title**
Introduction to Sports and Entertainment Industries
**Course Description**
A general overview of the sport and entertainment industry; understanding of the skills required for a successful career managing

## EXDM 306 - Community Festivals and Special Events

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXDM | 306 |

**Teaching Area**
EXDM
**Course Title**
Community Festivals and Special Events
**Course Description**
Equipping students with relevant knowledge and skills to design and implement community festivals and other special events

understanding of the skills required for a successful career managing within the sport and entertainment industry; and real-world insights by leading sports and entertainment industry executives.

**Department**
Experience Design & Manag

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Identify Trends and Industry Issues of Today | 175411, 1 |

**Learning Outcome**
Identify present trends and issues facing the sports and experience industries today.

| Title | Tags |
|---|---|
| Skills to Succeed | 175412, 3 |

**Learning Outcome**
Demonstrate the necessary business skills to have a successful career in the sports and experience industries

| Title | Tags |
|---|---|
| Communicate Effectively | 175413, 2 |

**Learning Outcome**
Communicate effectively and knowledgeably with others concerning the sports industry.

| Title | Tags |
|---|---|
| Positive and Ethical Leadership | 175414, 4 |

**Learning Outcome**
Operate within the sports industry with a commitment to

implement community festivals and other special events.

**Department**
Experience Design & Manag

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Applying recreation management principles to non-profit orgs | 175239, 1 |

**Learning Outcome**

Demonstrate and ability to apply to apply recreation management principles to public and non-profit community agencies.

| Title | Tags |
|---|---|
| Problem solving in the field | 175240, 2 |

**Learning Outcome**

Demonstrate an ability to propose feasible solutions to problems encountered in non-profit recreation settings.

live and uphold high moral and ethical standards, and encourage others to do the same.

## EXDM 307 - Sport and Entertainment Venue Management

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
307

**Teaching Area**
EXDM

**Course Title**
Sport and Entertainment Venue Management

**Course Description**
Understanding and application of experience management principles including opportunities to deliver community based events.

**Department**
Experience Design & Manag

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## EXDM 311 - Advances in Positive Psychology in Experience Design

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
311

**Teaching Area**
EXDM

**Course Title**
Advances in Positive Psychology in Experience Design

**Course Description**
Topics and recent advances in positive psychology as they apply to experience design.

**Department**
Experience Design & Manag

**When Taught**
Summer Term

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Positive Psychology

**Tags**
212968, 0, 1

**Learning Outcome**
Gain understanding of advanced topics in positive psychology

**Title**
Research

**Tags**
212969, 0, 2

**Learning Outcome**
Demonstrate understanding of current positive psychology research and how to apply it in the experience industry

| Title | Tags |
| --- | --- |
| Life Plans | 212970, 0, 3 |

**Learning Outcome**
Integrate advances in positive psychology and experience design principles to develop better life plans and experience journeys

## EXDM 404 - Experience Design

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
404
**Teaching Area**
EXDM
**Course Title**
Experience Design
**Course Description**
In an economy increasingly driven by the quality of provided experiences, organizations who deliver great experiences to customers and employees thrive and those that don't become obsolete. Students in this course use broadly applicable methodologies like design thinking and experience mapping to design high-quality, intentional experiences.
**Department**
Experience Design & Manag
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Experience Design and Management majors only.

| Title | Tags |
| --- | --- |
| Christlike Design | 212170, 0, 5 |

**Learning Outcome**
Students will be able to integrate

## EXDM 405 - Theories, Frameworks and Careers in Experience Design and Management

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
405
**Teaching Area**
EXDM
**Course Title**
Theories, Frameworks and Careers in Experience Design and Management
**Course Description**
Historical overview of experience design and management and its role in contemporary society; introduction to theories and methods used to explain behavior; and an investigation of professional life in the experience-based industries. Networking with professionals to explore careers available in different areas of experience design and management.
**Department**
Experience Design & Manag
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Experience Design and Management majors only.

| Title | Tags |
| --- | --- |

the gospel methodology into their experience design work through the use of empathy and courageous curiosity.

| Title | Tags |
| --- | --- |
| Experience Design | 175475, 0, 4 |

**Learning Outcome**
Students will be able to design intentional experiences using experience mapping, narrative structure, and touchpoint design.

| Title | Tags |
| --- | --- |
| Curiosity and Creativity | 175476, 0, 1 |

**Learning Outcome**
Students will become more curious and creative as they redefine their personal concepts of curiosity and creativity and develop increased competence in both areas by engaging in a variety ofindividual and group projects.

| Title | Tags |
| --- | --- |
| Human Centered Design | 175482, 0, 3 |

**Learning Outcome**
Students will be able to apply the design thinking process to develop innovative solutions to professional and personal experiences related to wicked problems.

| Title | Tags |
| --- | --- |
| Conceptualize and Analyze Experiences | 175474, 0, 2 |

**Learning Outcome**
Students will be able to conceptualize and analyze experiences utilizing key experience design concepts such as structured experiences, experience phases, experience types, experiencescape elements, and experience related theories.

## EXDM 406 - Experience Design and Management Career Expeditions

| Title | Tags |
| --- | --- |
| Understanding ExDM | 212976, 0, 1 |

**Learning Outcome**
Describe the development of ExDM as a field and the theories and frameworks that underpin the field.

| Title | Tags |
| --- | --- |
| Career Exploration | 212977, 0, 2 |

**Learning Outcome**
Make informed decisions regarding career choices.

| Title | Tags |
| --- | --- |
| Professional Networking | 212978, 0, 3 |

**Learning Outcome**
Develop professional relationships with practitioners in the field.

## EXDM 411 - Risk Management in Experience Industries

## Course Information

**Teaching Area (new)**
EXDM

**Course Number**
406

**Teaching Area**
EXDM

**Course Title**
Experience Design and Management Career Expeditions

**Course Description**
Field trips to exemplary experience design and management agencies. Opportunities to see experience design and management processes in action and connect with professionals in related career paths.

**Department**
Experience Design & Manag

**When Taught**
Contact Department

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Experience Design and Management majors only.

**Fee**
100

**Note**
Fee.

## Course Information

**Teaching Area (new)**
EXDM

**Course Number**
411

**Teaching Area**
EXDM

**Course Title**
Risk Management in Experience Industries

**Course Description**
Overview of the legal process, legal issues, and risk management considerations regarding the jurisprudence to U.S. civil law as they relate to recreation experience industries.

**Department**
Experience Design & Manag

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- **AND**

**AND** EXDM 404 - Experience Design

**Additional Comments:**

| Title | Tags |
|---|---|
| Legal Research | 175398, 1 |

**Learning Outcome**
Perform legal research by finding relevant law cases from different resources, including the Howard W. Hunter Law Library at BYU.

| Title | Tags |
|---|---|
| Law Case Summaries | 175399, 2 |

**Learning Outcome**
Review and interpret law case summaries.

| Title | Tags |
| --- | --- |
| Law Case Briefs | 175400, 3 |

**Learning Outcome**
Compose law case briefs.

| Title | Tags |
| --- | --- |
| Tort Liability | 175401, 4 |

**Learning Outcome**
Know basic rules of law concerning tort liability including:

Intentional torts
Negligence
Constitutional rights

| Title | Tags |
| --- | --- |
| Risk Management | 175402, 5 |

**Learning Outcome**
Know issues involving risk management and create a risk management plan.

| Title | Tags |
| --- | --- |
| Court System | 175403, 6 |

**Learning Outcome**
Explain the fundamentals of the legal court system.

## EXDM 415 - Experience-Centric Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXDM | 415 |

**Teaching Area**
EXDM
**Course Title**
Experience-Centric Management
**Course Description**
In this course, students will explore personal and professional applications of management of and by experiences. Students will increase their capabilities as experience managers, including their confidence in articulating the value of shifting to an experience framework to personal and organizational success and sustainability.
**Department**
Experience Design & Manag

## EXDM 416 - Experiential Marketing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXDM | 416 |

**Teaching Area**
EXDM
**Course Title**
Experiential Marketing
**Course Description**
Marketing as a key aspect of the consumer experience along the entire customer journey. Creating impactful marketing materials during the pre-experience, designing engaging and last experiential marketing experiences, and effective follow-up strategies for post-experience. Introduction to strategic experiential marketing frameworks. Exposure to Adobe's Creative Suite.
**Department**
Experience Design & Manag

When Taught
Winter

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Other Prerequisites
For Experience Design and Management majors only.

| Title | Tags |
| --- | --- |
| Teamwork & Divine Identity | 212979, 0, 1 |

Learning Outcome
Students will become confident in who they are in the sight of God, and let that knowledge guide their professional behavior and relationships by engaging in respectful and professional teamwork and personal reflection.

| Title | Tags |
| --- | --- |
| Human-Centric Management | 212980, 0, 2 |

Learning Outcome
Students will become assets to their current and future personal and professional organizations by learning and applying human-centric experience design to personal and professional management.

| Title | Tags |
| --- | --- |
| Project Management | 212981, 0, 3 |

Learning Outcome
Students will become assets to their current and future personal and professional oragnizations by learning and applying industry tools and practices to project management.

When Taught
Winter

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
1

Note
Students will be required to have Adobe's creative suite.

| Title | Tags |
| --- | --- |
| Marketing for the leisure and experience industry | 175234, 1 |

Learning Outcome
Understand the unique aspects of marketing within the leisure and experience industry.

| Title | Tags |
| --- | --- |
| Applying marketing tools and principles | 175235, 2 |

Learning Outcome
Apply marketing principles to experiences; Implement factors involved in creating a social media marketing campaign for the experience industry.

| Title | Tags |
| --- | --- |
| Developing a marketing plan | 175236, 3 |

Learning Outcome
Use research to develop a marketing plan specifically targeted toward the experience industry market.

## EXDM 418 - Designing for Inclusion and Belonging

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
418

**Teaching Area**
EXDM

**Course Title**
Designing for Inclusion and Belonging

**Course Description**
Focus on experiences of diversity, equity, inclusion, and belonging for individuals, families, and organizations. Address both the business and moral imperatives related to diversity, inclusion, and belonging.

**Department**
Experience Design & Manag

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Value of Belonging | 212971, 0, 1 |

**Learning Outcome**
Discuss the economic, business, and moral value of diversity, equity, inclusion, and belonging and their impact on individuals, families, and organizations in today's global society

| Title | Tags |
| --- | --- |
| Social Outlook | 212972, 0, 2 |

**Learning Outcome**
Explain social privilege, unconscious bias, and stereotyping, and sensitively approach these issues in the

## EXDM 422 - Experience Needfinding

### Course Information

**Teaching Area (new)**
EXDM

**Course Number**
422

**Teaching Area**
EXDM

**Course Title**
Experience Needfinding

**Course Description**
Skills to help organizations better understand employee and customer needs. Systematic collection and analysis of qualitative data through observations, interviews, and various other approaches. Facilitating design thinking and experience mapping processes to help groups develop innovative, data-driven solutions to improve the experiences they provide.

**Department**
Experience Design & Manag

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Needfinding and Qualitative Methods | 175479, 0, 3, 2021-08-30 13:53:31 |

**Learning Outcome**
Students will learn and apply qualitative research methods and ethnographic techniques to better design and evaluate experience offerings, including:

participant observation
interviews
triangulation approaches
qualitative analysis

| Title | Tags |
| --- | --- |

approach these issues in the workplace, community, and personal life.

| Title | Tags |
| --- | --- |
| Define Belonging | 212973, 0, 3 |

**Learning Outcome**
Describe the difference between diversity, equity, inclusion, and belonging, and apply strategies to embrace and promote them in the workplace, community, and personal life.

| Title | Tags |
| --- | --- |
| Personal Experiences | 212975, 0, 5 |

**Learning Outcome**
Demonstrate personal awareness gained from interactions with people who are different than them in race, age, spiritual beliefs and practices, gender, gender identity, sexual orientation, work and life status, ethnic origin, culture, employment level, physical and mental ability, and veteran status.

| Title | Tags |
| --- | --- |
| Appropriate Language | 212974, 0, 4 |

**Learning Outcome**
Use appropriate, respectful, and person-first language when reading, writing, and speaking about and with individuals of diverse backgrounds and abilities.

| Title | Tags |
| --- | --- |
| Experience Strategy | 175481, 0, 4, 2021-08-30 14:03:29 |

**Learning Outcome**
Students will learn and apply current experience strategy topics and techniques to meet customer's needs, including:

The value of "meaningfulness" for today's consumers
New developments and approaches for customer journey design
New developments regarding the Jobs To Be Done framework and the Value Proposition
New developments on measuring the value of Time Well Spent

| Title | Tags |
| --- | --- |
| Professional Presentation | 175480, 0, 5 |

**Learning Outcome**
Students will be able to effectively present course content and other educational achievements to potential employers through professionally prepared:

class presentations
written materials and reports
an online portfolio.

## EXDM 423 - Experience Insights

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
423
**Teaching Area**
EXDM
**Course Title**
Experience Insights
**Course Description**
Training in quantitative survey design used to gain valuable experience insights. Emphasis is on applying experience-focused theories, frameworks, and concepts to study experience outcomes. These guide the selection of appropriate questions. Interpret univariate and bivariate data analysis and present the findings in efficient and

## EXDM 430 - Current Trends and Opportunities in the Experience Economy

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
430
**Teaching Area**
EXDM
**Course Title**
Current Trends and Opportunities in the Experience Economy
**Course Description**
Explore current trends and entrepreneurship opportunities in the experiential segment of the consumer economy.
**Department**
Experience Design & Manag

effective ways.

**Department**
Experience Design & Manag

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Questionnaire Design | 213382, 0, 2 |

**Learning Outcome**

Design effective and efficient digital questionnaires for conducting surveys as well as to be used in experimental settings.

| Title | Tags |
| --- | --- |
| Key Performance Indicators and their Drivers | 213380, 0, 1 |

**Learning Outcome**

Identify, define, and measure select key performance indicators (KPIs) and their drivers that are important to the broad experience design profession.

| Title | Tags |
| --- | --- |
| Experimental Design | 213384, 0, 3 |

**Learning Outcome**

Apply correct experimental design standards to an experiment to test an experience or product prototype or to manipulate experience drivers to elevate a KPI.

| Title | Tags |
| --- | --- |

**When Taught**
Fall

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Only available to experience design and management students

| Title | Tags |
| --- | --- |
| Experience Economy | 212982, 0, 1 |

**Learning Outcome**
Inspire student knowledge and appreciation of the history of the experience economy.

| Title | Tags |
| --- | --- |
| Trends | 212983, 0, 2 |

**Learning Outcome**
Develop student ability to spot and understand trends and best practices in experiential consumer businesses.

| Title | Tags |
| --- | --- |
| Business Creation | 212984, 0, 3 |

**Learning Outcome**
Increase student confidence in starting their own business in the experience economy.

| Title | Tags |
| --- | --- |
| Statistical Analyses | 213385, 0, 4 |

**Learning Outcome**

Perform basic descriptive, bivariate, and multivariate statistical analyses related to evaluating KPIs and their drivers.

| Title | Tags |
| --- | --- |
| Data Visualizations | 213383, 0, 5 |

**Learning Outcome**

Demonstrate ability to create data visualizations using an online platform

| Title | Tags |
| --- | --- |
| Inspired Learning | 213386, 0, 6 |

**Learning Outcome**

Reflect on and record the role of inspiration in their learning and application of course content as well as how course content inspired them to want to become skilled at gathering experience insight.

## EXDM 431 - Guest, Visitor, and Customer Experience Management

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
431
**Teaching Area**
EXDM
**Course Title**
Guest, Visitor, and Customer Experience Management
**Course Description**
Focus on intentional customer experience management. How customer experience management can be a catalyst for organizations becoming more experience centric. Learn how to advocate for intentional customer experience management within organizations.
**Department**
Experience Design & Manag
**When Taught**
Fall

### Credit Hours

**Min**
1.5

**Fixed**
1.5

## EXDM 432 - Emotional Intelligence for Experience Designers

### Course Information

**Course Number**
432
**Teaching Area**
EXDM
**Course Title**
Emotional Intelligence for Experience Designers
**Course Description**
The components of emotional intelligence are key to becoming effective experience designers and managers. This course will use Deliberative Dialogues as a modality to help students develop and practice empathy, self-awareness, self-regulation, and social skills (specifically positive communication and civil discourse skills).
**Department**
Management
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Only available to experience design and management majors

| Title | Tags |
|---|---|
| Measurement | 212985, 0, 1 |

**Learning Outcome**
Develop customer experience measurement principles strategies, and metrics to align with business goals and cross-functionally govern customer experience programs.

| Title | Tags |
|---|---|
| Training | 212986, 0, 2 |

**Learning Outcome**
Develop training and incentive programs to activate an organization around customer experience.

| Title | Tags |
|---|---|
| Responsiveness | 212987, 0, 3 |

**Learning Outcome**
Develop capabilities necessary to help an organization be responsive to customer needs, wants, and perceptions.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- HRM 391 - Organizational Effectiveness

**Additional Comments:**

| Title | Tags |
|---|---|
| Emotional Intelligence | 213795, 0, 1, 2023-08-29 09:01:05 |

**Learning Outcome**
Explain how different aspects of emotional intelligence will help them become an effective experience designer and manager.

| Title | Tags |
|---|---|
| Christ-like | 213796, 0, 2, 2023-08-29 09:01:06 |

**Learning Outcome**
Become more Christ-like and charitable as they develop and practice empathy and positive communication skills to communicate respectfully on difficult issues.

| Title | Tags |
|---|---|
| Value Others | 213797, 0, 3, 2023-08-29 09:01:08 |

**Learning Outcome**
Consider and value others' perspectives and experiences.

| Title | Tags |
|---|---|
| Societal Issues | 213798, 0, 4, 2023-08-29 09:01:10 |

**Learning Outcome**
Demonstrate how societal issues impact their area of interest in the ExDM field and the organizations and people they will be working with.

| Title | Tags |
| --- | --- |
| Dialogue | 213799, 0, 5, 2023-08-29 09:01:11 |

**Learning Outcome**
Utilize deliberative dialogue process to find common ground for action among diverse perspectives to address issues in organizations.

## EXDM 490R - Topics in Experience Design and Management

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
490R
**Teaching Area**
EXDM
**Course Title**
Topics in Experience Design and Management
**Course Description**
Special topics, mentored research, and learning experiences, including attending professional conferences, Study Abroad participation, and other learning experiences.
**Department**
Experience Design & Manag
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
4

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

## EXDM 494R - Experience Design and Management Lab

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
494R
**Teaching Area**
EXDM
**Course Title**
Experience Design and Management Lab
**Course Description**
Hands-on lab where you apply your acquired experience design and management knowledge, insights, tools, and skills to work on real projects for businesses in various industries. You will take on a project, meet with the organization to work through the discovery phase, then ideate, prototype, experiment, measure, and iterate to build an experience focused solution for their business challenge.
**Department**
Experience Design & Manag
**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
2

**Other Prerequisites**
only available to experience design and management students

| Title | Tags |
| --- | --- |
| Real World Problem Solving | 212988, 0, 1 |

**Learning Outcome**

Design and propose solutions to real-world problems to stakeholders of organizations they are working with.

| Title | Tags |
| --- | --- |
| Solution Implementation | 212989, 0, 2 |

**Learning Outcome**
Work collaboratively to manage the resulting project to meet stakeholders' expectations.

## EXDM 495 - Professional Preparation in Experience Design and Management

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
495
**Teaching Area**
EXDM
**Course Title**
Professional Preparation in Experience Design and Management
**Course Description**
Focuses on developing the professional competencies of experience design students consistent with industry expectations. Examines professional career preparation including skills assessment, portfolio building and resume writing, internship application processes, interview techniques, college-to-career transition, professional ethics and selected contemporary career building seminar topics.
**Department**
Experience Design & Manag
**When Taught**
Winter

#### Credit Hours

**Min**
1.5
**Fixed**
1.5

#### Lecture Hours

**Fixed**
1.5

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Only offered to experience design and management majors

## EXDM 496R - Senior Internship

### Course Information

**Teaching Area (new)**
EXDM
**Course Number**
496R
**Teaching Area**
EXDM
**Course Title**
Senior Internship
**Course Description**
Real-world work experience for ExDM students to apply what they have learned in their junior core classes to a work environment. Challenge students to develop professionally, apply ExDM core competencies, and articulate their professional story. Spend a minimum of 400 hours and 10 weeks in an on-the-job environment under the supervision of an experience design and management related professional.
**Department**
Experience Design & Manag
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5
**Fixed**
12

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- EXDM 495 - Professional Preparation in Experience Design and Management

**Additional Comments:**

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Work Ethic | 212996, 0, 2 |

| Title | Tags |
| --- | --- |
| Professionalism | 212990, 0, 1 |

**Learning Outcome**
Demonstrate understanding of professionalism, including professional communication, interviewing techniques, professional attire, and professional development.

| Title | Tags |
| --- | --- |
| Resume | 212991, 0, 2 |

**Learning Outcome**
Articulate a clear (or effective) value proposition and a personal brand statement in a resume, cover letter, and on public professional profiles.

| Title | Tags |
| --- | --- |
| Internship | 212992, 0, 3 |

**Learning Outcome**
Articulate the educational and professional values in an academic internship, including summarizing the responsibilities of the students, placement sites, and the academic department during the internship experience.

| Title | Tags |
| --- | --- |
| Networking | 212993, 0, 4 |

**Learning Outcome**
Demonstrate an understanding of the value of professional networking as a function of making the college to career transition and demonstrate effective networking abilities.

| Title | Tags |
| --- | --- |
| Professional Organizations | 212994, 0, 5 |

**Learning Outcome**
Demonstrate an understanding of the professional organizations in order to select organizational memberships that are congruent with career goals.

**Learning Outcome**
Students will develop sound work habits by completing a 400-hour internship over a minimum of 10 weeks.

| Title | Tags |
| --- | --- |
| Professionalism | 212997, 0, 3 |

**Learning Outcome**
Students will demonstrate professionalism by conducting themselves professionally, meeting deadlines, and demonstrating a positive attitude and high level of commitment.

| Title | Tags |
| --- | --- |
| Communication Skills | 212998, 0, 4 |

**Learning Outcome**
Students will develop proficiency in verbal and written communication skills relevant to internship and other work settings.

| Title | Tags |
| --- | --- |
| Major Project | 212999, 0, 5 |

**Learning Outcome**
Students will complete a major project for the internship agency that has a significant educational value to you and practical value for the agency.

| Title | Tags |
| --- | --- |
| Career Exploration | 213000, 0, 6 |

**Learning Outcome**
Students will explore and obtain information on Experience Design & Management career opportunities.

| Title | Tags |
| --- | --- |
| Professional Networking | 213001, 0, 7 |

**Learning Outcome**
Students will network with professionals and identify possible mentors.

| Title | Tags |
| --- | --- |
| Supervised Internship | 212995, 0, 1 |

Learning Outcome
Students will complete a supervised internship in an employment setting or agency related to Experience Design & Management.

## EXDM 585R - Experience Design Research Seminar

### Course Information

Teaching Area (new)
EXDM

Course Number
585R

Teaching Area
EXDM

Course Title
Experience Design Research Seminar

Course Description
Introduction to terms, methodologies, and research literature relevant to current experience design and management research. Also explores relevant graduate programs and academic careers.

Department
Experience Design & Manag

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Consumers of Academic Research

Tags
213002, 0, 1

Learning Outcome
Skillfully consume academic research.

Title
Foundational Research Knowledge

Tags
213003, 0, 2

## EXSC 151 - Introduction to Exercise Sciences

### Course Information

Course Number
151

Teaching Area
EXSC

Course Title
Introduction to Exercise Sciences

Course Description
Provides new majors with an overview of the Exercise Sciences majors and department. Includes a general review of the field of exercise science and specifically addresses expectations for course work and timelines (MAP review), details on similarities and differences between the undergraduate major options (Exercise Sciences and Exercise and Wellness), introduction to the Master of Athletic Training program, and opportunities for internship and research. Also presents opportunities for introductions to EXSC faculty, career options and possibilities (presentations by practicing allied health professionals), college/university advisement and counseling resources, and post-graduate education options.

Department
Exercise Sciences

When Taught
Fall and Winter

### Credit Hours

Fixed
1

### Lecture Hours

Fixed
1

Title
EXSC Overview

Learning Outcome
Students will be able to explain the role of Exercise Science in society from a historical, contemporary, and future perspective.

Title

Learning Outcome
Students will explain the similarities and differences in the undergraduate majors offered in the Department of

Learning Outcome
Demonstrate knowledge of research methods.

Title
Conversant on Current Knowledge

Tags
213004, 0, 3

Learning Outcome
Discuss current research related to experience design and management.

Title
Literature Review

Tags
213005, 0, 4

Learning Outcome
Write a brief literature review using academic resources.

Title
Familiarity with Academic Careers

Tags
213006, 0, 5

Learning Outcome
Describe the professional life of an academic.

Title
Familiar with Graduate Programs

Tags
213007, 0, 6

Learning Outcome
Discover relevant graduate programs; describe the admissions process and funding opportunities.

EXSC Majors

Exercise Sciences.

Title
EXSC Opportunities and Resources

Learning Outcome
Students will demonstrate understanding of Exercise Science opportunities related to research, internship, volunteer, certifications, and post-graduate work. Students will also demonstrate knowledge of pertinent resources available through college advisement, university counseling, university accessibility, and career services.

Title
EXSC Careers

Learning Outcome
Students will demonstrate basic understanding of potential career options upon graduating with a bachelors degree in Exercise Sciences and what specific careers entail.

Title
Spiritually Strengthening

Learning Outcome
Students will discuss and appreciate the divine nature of the human body, recognize the diversity of exercise sciences and it's role in future related occupations.

## EXSC 221 - Science of Wellness

### Course Information

Teaching Area (new)
EXSC

Course Number
221

Teaching Area
EXSC

Course Title
Science of Wellness

Course Description
A comprehensive study of the science of wellness of the whole individual. The science of wellness draws principles from exercise sciences, biological sciences, behavioral and social sciences. The research from psychoneuroimmunology (PNI) supports specifically the holistic wellness paradigm whose focus is that every aspect of each human being, the body, mind and spirit, are involved in all wellness activities and all wellness activities affect the whole individual.

## EXSC 320 - Basic Athletic Training

### Course Information

Teaching Area (new)
EXSC

Course Number
320

Teaching Area
EXSC

Course Title
Basic Athletic Training

Course Description
Recognition, evaluation, and care of athletic injuries. Techniques in taping, preventing, and rehabilitating injuries.

Department
Exercise Sciences

When Taught
Fall, Winter, Spring

activities and all wellness activities about the whole individual. Students will discover this new paradigm and experience the blending of the sciences to support the integrated nature of our being.

**Department**
Exercise Sciences

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Behavior Change Models | 201670, 3 |

**Learning Outcome**
Understand several behavior change models and the advantages of each.

| Title | Tags |
|---|---|
| Discover New Paradigm | 201671, 1 |

**Learning Outcome**
Discover the significance of the wellness paradigm shift from physical, mental, social, emotional and spiritual as dimensions of wellness to them being dimensions of human nature. Have a working comprehension of the science of wellness.

| Title | Tags |
|---|---|
| Epigenetics and Wellness | 201673, 6 |

**Learning Outcome**
Recognize the ramifications of epigenetics for your wellness now and in the future and also the future wellness of others.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
PDBio 220; some majors require concurrent enrollment in ExSc 321. Check MAP requirements for major.

**Note**
Concurrent registration in EXSC 321 may be required. Please check the MAP for your major.

| Title | Tags |
|---|---|
| Responsibilities, Roles, and Tasks | 201397, 1 |

**Learning Outcome**
Review general responsibilities, roles, and tasks of athletic trainers, physical therapists, and otherallied health professionals involved in sports medicine.

| Title | Tags |
|---|---|
| Musculoskeletal Injuries | 201398, 2 |

**Learning Outcome**
Learn assessment, first aid, and treatments for common musculoskeletal injuries.

| Title | Tags |
|---|---|
| Injury Prevention | 201399, 3 |

**Learning Outcome**
Examine methods of injury prevention including conditioning principles, environmental hazards,and protective equipment.

| Title | Tags |
|---|---|
| Application | 201400, 5 |

**Learning Outcome**
Apply knowledge to practical

| Title | Tags |
| --- | --- |
| Quality of Life | 201714, 5 |

**Learning Outcome**
Recognize that understanding the science of wellness has the potential to improve the quality of your life and that of your family, friends and community.

| Title | Tags |
| --- | --- |
| Research on the Integrated Nature of Human Life | 201715, 4 |

**Learning Outcome**
Give examples of wellness research demonstrating the integrated nature of human life and associated wellness principles.

| Title | Tags |
| --- | --- |
| Written Record of Wellness Experiences | 201716, 7 |

**Learning Outcome**
Articulate your own comprehension of the science of wellness and the meaning it has to you through a written record of your wellness experiences throughout the course.

| Title | Tags |
| --- | --- |
| Harmonious Integration of Human Life | 201672, 0, 2 |

**Learning Outcome**
Demonstrate an understanding of the sacredness of the human body and the contribution wellness can make to the harmonious integration of the composite nature of human life-body, mind and spirit.

situations.

| Title | Tags |
| --- | --- |
| Resources | 201521, 4 |

**Learning Outcome**
Learn and utilize resources available to sports medicine professionals.

## EXSC 321 - Basic Athletic Training Lab

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 321 |

**Teaching Area**
EXSC
**Course Title**

## EXSC 349 - Body, Mind, Spirit

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 349 |

**Teaching Area**
EXSC
**Course Title**

Basic Athletic Training Lab

**Course Description**

Lab with techniques in preventing the injured through taping, wrapping, bracing and padding, and for treating and transporting injuries by splinting, wrapping, using ambulatory aids and spine boarding.

**Department**

Exercise Sciences

**When Taught**

Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0.5

**Other Prerequisites**

Concurrent enrollment in ExSc 320

**Note**

Concurrent registration in EXSC 320 may be required. Please check the MAP for your major.

| Title | Tags |
|---|---|
| Taping | 201401, 1 |

**Learning Outcome**
Demonstrate competency and proficiency in taping the ankle, foot, lower leg, knee, thigh/hip,shoulder, elbow, wrist, thumb, and finger joints.

| Title | Tags |
|---|---|
| Wrapping | 201402, 2 |

**Learning Outcome**
Demonstrate competency and proficiency in wrapping the ankle, foot, lower leg, thigh/hip,shoulder, elbow, wrist, thumb, and finger joints.

| Title | Tags |
|---|---|
| Wound Care Management | 201717, 3 |

**Learning Outcome**
Demonstrate competency and

Body, Mind, Spirit

**Course Description**

Sacredness of the body and its meaningfulness to the whole being. Comparative approach utilizing ideas from the restored gospel and Western and Eastern philosophy (nature of being).

**Department**

Exercise Sciences

**When Taught**

Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Critical Thinking Regarding the Nature of Being | 201676, 0 |

**Learning Outcome**
Enhance understanding of the divine nature of human life.

| Title | Tags |
|---|---|
| Inherent Worth of Each Soul, Body and Spirit | 201678, 2 |

**Learning Outcome**
Enhance reverence for the inherent worth of one's own life including body and spirit and for each other individual.

| Title | Tags |
|---|---|
| Philosophy Behind a Wellness Lifestyle | 201679, 3 |

**Learning Outcome**
Identify attitudes and behaviors that contribute to your wellness and those that will assist others in living a healthy lifestyle.

| Title | Tags |
|---|---|
| Body, Mind, Spirit Integration | 201677, 0, 1 |

proficiency in wound care management.

| Title | Tags |
| --- | --- |
| Injury Evaluation | 201718, 4 |

**Learning Outcome**
Demonstrate competency and proficiency in injury evaluation.

| Title | Tags |
| --- | --- |
| Injury Treatment Management | 201719, 5 |

**Learning Outcome**
Demonstrate competency and proficiency in injury treatment management.

| Title | Tags |
| --- | --- |
| Spineboarding and Splinting | 201720, 6 |

**Learning Outcome**
Demonstrate competency and proficiency in spineboarding and splinting.

| Body, Mind, Spirit Integration | 201677, 0, 1 |
| --- | --- |

**Learning Outcome**
Apply concepts from discussion and reading to live life as a fully integrated being, body, mind and spirit.

## EXSC 350 - Research Methods and Evidence Based Practices

### Course Information

**Teaching Area (new)**
EXSC
**Course Number**
350
**Teaching Area**
EXSC
**Course Title**
Research Methods and Evidence Based Practices
**Course Description**
This class will help students: 1) develop skills to access and evaluate scientific literature, 2) value the role of systematic investigation of diverse resources in personal and professional decision making, and 3) prepare to participate in meaningful mentored research with professors.
**Department**
Exercise Sciences
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

## EXSC 360 - Exercise Is Medicine

### Course Information

**Course Number**
360
**Teaching Area**
EXSC
**Course Title**
Exercise Is Medicine
**Course Description**
This course introduces and provides evidence for the notion that physical activity promotes optimal physical, mental, and spiritual health and is integral in the prevention and treatment of many medical conditions. Students will read and discuss current literature supporting exercise as a powerful adjunct to modern medical treatment strategies. In-class experience will involve a team-based learning approach, discussion of case studies, and practice learning and sharing with others the life-changing truth that exercise is indeed the best medicine.
**Department**
Exercise Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- STAT 121 - Principles of Statistics

**Additional Comments:**

| Title | Tags |
|---|---|
| Evaluate | 211755, 0, 1 |

**Learning Outcome**
Critically evaluate research to frame an issue.

| Title | Tags |
|---|---|
| Purpose | 211756, 0, 2 |

**Learning Outcome**
Students will be able to answer the question: How does participating in and evaluating research help me make informed decisions and seek after/discern truth?

| Title | Tags |
|---|---|
| Formulate | 211757, 0, 3 |

**Learning Outcome**
Formulate insightful research questions.

| Title | Tags |
|---|---|
| Design | 211758, 0, 4 |

**Learning Outcome**
Select the most appropriate study design to answer a specific hypothesis-driven question.

| Title | Tags |
|---|---|
| Communicate | 211759, 0, 5 |

### Lecture Hours

**Fixed**
2

**Note**
*Syllabus to be added to supporting documents.

| Title | Learning Outcome |
|---|---|
| 1. Divine nature of the human body | 1. Students will be able to recognize the divine nature of the human body as a tabernacle for their spirit, realizing that proper care of body also heals mind and spirit |

| Title | Learning Outcome |
|---|---|
| 2. Sedentary behavior and disease | 2. Students will be able to cite research evidence linking sedentary behavior to the pathophysiology of multiple disease states and early mortality |

| Title | Learning Outcome |
|---|---|
| 3. Exercise prevents and treats disease | 3. Students will be able to inspire others to action using compelling evidence that exercise may prevent development and even treat symptoms of numerous mental and physical ailments |

| Title | Learning Outcome |
|---|---|
| 4. Modality-specific therapeutic benefits | 4. Students will be able to describe specific benefits of different exercise modalities when used as therapeutic strategies for improving health and wellness |

| Title | Learning Outcome |
|---|---|
| 5. Promote healthy aging | 5. Students will be able to design exercise interventions for specific individuals who want to optimize physiological processes and enhance resilience against common age-related health conditions |

Learning Outcome
Become proficient scientific communicators through oral, visual, and written means.

| Title | Tags |
| --- | --- |
| Balance | 211760, 0, 6 |

Learning Outcome
Balance an individual's considerations with group conclusions in decision-making.

| Title | Tags |
| --- | --- |
| Informed Decision-Making | 211761, 0, 7 |

Learning Outcome
Use systematic research practices to make informed decisions in all aspects of life.

## EXSC 362 - Kinesiology and Biomechanics

### Course Information

Teaching Area (new)
EXSC
Course Number
362
Teaching Area
EXSC
Course Title
Kinesiology and Biomechanics
Course Description
The influence of physical laws on human movement. Physical laws that will be discussed include linear and angular motion, force and torque, center of mass, fluid mechanics, and tissue mechanics.
Department
Exercise Sciences
When Taught
Fall, Winter, Spring

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

## EXSC 385 - Personal Training Strategies

### Course Information

Teaching Area (new)
EXSC
Course Number
385
Teaching Area
EXSC
Course Title
Personal Training Strategies
Course Description
The art and science of personal fitness training for healthy adults, utilizing safe and effective techniques to develop and maintain optimal functional fitness (proper posture, balance, joint mobility, and stability), and optimal physical fitness (cardiorespiratory endurance, flexibility, muscular strength, and power).
Department
Exercise Sciences
When Taught
Fall and Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- PHSCS 105 - General Physics 1

Prerequisites

**Complete ALL of the following Courses:**

- PHSCS 121 - Introduction to Newtonian Mechanics

**Additional Comments:**

**Recommended**
MATH 110 or equivalent; PDBio 220
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/EXSC-362-M002.

| Title | Tags |
|---|---|
| Course Purpose | 201761, 0, 1 |

**Learning Outcome**
Students will be able to comprehend and analyze human movement mechanics, and generate recommendations for improvement or intervention.

| Title | Tags |
|---|---|
| Physical Laws and Human Movement | 201762, 0, 2 |

**Learning Outcome**
Demonstrate understanding of mechanical concepts (linear and angular motion, and forces) and corresponding equations.

| Title | Tags |
|---|---|
| Application | 201763, 0, 3 |

**Learning Outcome**
Apply the aforementioned physical concepts to human movement mechanics, especially movement relevant to sport and physical activity.

| Title | Tags |
|---|---|
| Observation | 201764, 0, 4 |

## Lab Hours

**Fixed**
0

**Recommended**
CELL 220
**Note**
For Exercise and Wellness majors only.

| Title | Tags |
|---|---|
| Preparing to Certify as a CPT | 201504, 1 |

**Learning Outcome**
Prepare to certify as a Certified Personal Trainer (CPT) through the National Academy of Sports Medicine (NASM)

| Title | Tags |
|---|---|
| Essential Concepts and Principles of Functional Fitness | 201680, 0 |

**Learning Outcome**
Explain and apply the essential concepts and principles of human movement science, anatomy, exercise physiology; biomechanics, motor learning; functional fitness assessment; stability training, mobility training, core training, balance training, reactive training, resistance training, cardiorespiratory training; exercise programming; nutrition and weight management; safety and injury prevention in an understandable and accurate way

Learning Outcome
Deconstruct movement mechanics via direct observation and video.

| Title | Tags |
| --- | --- |
| Communicate | 201766, 0, 5 |

Learning Outcome
Communicate (listen, speak, read, and write) effectively regarding human movement mechanics.

| Title | Tags |
| --- | --- |
| Literature | 201765, 0, 6 |

Learning Outcome
Be able to accurately evaluate related academic peer-reviewed scientific literature.

| Title | Tags |
| --- | --- |
| Recommendations | 201767, 0, 7 |

Learning Outcome
Generate recommendations (as individuals and small teams) for human mechanics improvement or intervention.

## EXSC 387 - Lifestyle and Chronic Disease Prevention

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 387 |

**Teaching Area**
EXSC
**Course Title**
Lifestyle and Chronic Disease Prevention
**Course Description**
Current scientific evidence demonstrating how lifestyle affects disease processes. Healthy lifestyle concepts specifically needed by wellness professionals, health educators, and health promotion practitioners; influence of unhealthy lifestyle as basis for chronic diseases, i.e., cardiovascular disease, cancer, and diabetes.
**Department**
Exercise Sciences
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

## EXSC 399R - Exercise Sciences Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 399R |

**Teaching Area**
EXSC
**Course Title**
Exercise Sciences Internship
**Course Description**
EXSC 399R is an academic internship in which student learning is enhanced through practical work experiences supervised by a qualified professional mentor. Students will engage in an experiential learning framework of intention, integration, and reflection to identify and develop professional skills and competencies and apply them to future career or life plans.
**Department**
Exercise Sciences
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Interpretation of Statistical Techniques | 201492, 2 |

Learning Outcome
Understand the use and interpretation of statistical techniques used in scientific papers on health and lifestyle

| Title | Tags |
|---|---|
| Gaining Knowledge to Help Others | 201538, 4 |

Learning Outcome
Gain knowledge needed to help others adopt and maintain a healthy lifestyle

| Title | Tags |
|---|---|
| Scientific Literature | 201545, 3 |

Learning Outcome
Become familiar with the scientific literature that supports healthy living

| Title | Tags |
|---|---|
| Healthy Lifestyles | 201493, 0, 1 |

Learning Outcome
Develop an awareness of what constitutes a healthy lifestyle

## EXSC 399R - Huntsman World Senior Games Internship

Fixed
9

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
0

Simple Requisites

Internship Coordinator's approval
Type
Prerequisite
Additional Comments:

Note
An APPROVED Internship Application is required before adding.

| Title | Learning Outcome |
|---|---|
| Intention - Create Learning Objectives | Create individualized learning objectives focused on the development of professional skills and competencies. |

| Title | Learning Outcome |
|---|---|
| Integration - Develop Professional Skills | Develop professional skills and competencies and gain work-related experience by completing an exercise science internship. |

| Title | Learning Outcome |
|---|---|
| Reflection - Apply Learning | Reflect on professional skills and competencies and how they can be used in future career or life plans. |

| Title | Learning Outcome |
|---|---|
| Inspiring Learning | Create habits of self-evaluation and reflection that lead to life-long learning and eternal progression. |

## EXSC 410 - Stress Management

## Internship

### Course Information

**Teaching Area (new)**
EXSC

**Course Number**
399R

**Teaching Area**
EXSC

**Course Title**
Huntsman World Senior Games Internship

**Course Description**
On-the-job experience for Huntsman World Senior Games interns.

**Department**
Exercise Sciences

**When Taught**
Fall Term 1.

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags | Learning Outcome |
|---|---|---|
| Work-Related Experience | 211704, 0, 1, 2022-02-02 11:47:32 | Gain work-related experience conducting health screenings for HWSG participants as an internship experience. |

### Course Information

**Teaching Area (new)**
EXSC

**Course Number**
410

**Teaching Area**
EXSC

**Course Title**
Stress Management

**Course Description**
Teaches students the basic principles, theories, and relaxation techniques to effectively manage personal stress. Students gain a greater understanding of the mind-body relationship, learn to employ a holistic approach to stress, and adopt effective cognitive, coping, and relaxation techniques. Ultimately, students experience a more effective approach to optimal lifelong health.

**Department**
Exercise Sciences

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags | Learning Outcome |
|---|---|---|
| Relaxation Techniques | 201520, 5 | Understand the principles behind the various relaxation techniques and be able to apply these techniques to managing stress. |
| Strategies | 201537, 4 | Be able to develop strategies to reduce daily stressors. |
| Title | Tags | |

| Title | Tags |
| --- | --- |
| Physiological Mechanisms | 201542, 1 |

**Learning Outcome**
Master the basic understanding of the physiological mechanisms responsible for the fight-or-flight response and subsequent manifestations of various symptoms of target organ dysfunctions. Be able to apply this understanding to stress management and disease prevention.

| Title | Tags |
| --- | --- |
| Mind, Body, and Spirit | 201549, 2 |

**Learning Outcome**
Understand and discuss the holistic nature (mind-body-spirit) of stress management and comprehend the mind-body connection of the stress and disease process.

| Title | Tags |
| --- | --- |
| Recognizing Potential Stressors | 201685, 3 |

**Learning Outcome**
Be able to recognize potential stressors and develop strategies to prevent (or reduce the magnitude of) these stressors from eliciting a stress response.

## EXSC 423 - Administration of Athletic Training Programs

### Course Information

**Teaching Area (new)**
EXSC
**Course Number**
423
**Teaching Area**
EXSC
**Course Title**
Administration of Athletic Training Programs
**Course Description**
Management and administration of athletic training facilities and staff members.
**Department**
Exercise Sciences
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
2

## EXSC 440 - Advanced Musculoskeletal Human Anatomy (includes lab)

### Course Information

**Teaching Area (new)**
EXSC
**Course Number**
440
**Teaching Area**
EXSC
**Course Title**
Advanced Musculoskeletal Human Anatomy (includes lab)
**Course Description**
Advanced examination of structure and function of skeletal, articular, muscular, and peripheral nervous systems with clinical applications; cadaver lab included.
**Department**
Exercise Sciences
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**

**Fixed**
2

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- 

**Additional Comments:**

| Title | Tags |
|---|---|
| Budgeting Systems | 201432, 2 |

**Learning Outcome**
Explain various budgeting systems and develop budgets for high school and collegiate athletic training programs

| Title | Tags |
|---|---|
| Athletic Training Facilities | 201433, 3 |

**Learning Outcome**
Design athletic training facilities to meet specific needs.

| Title | Tags |
|---|---|
| Emergency Plans | 201434, 6 |

**Learning Outcome**
Be able to develop emergency plans for athletic training settings.

| Title | Tags |
|---|---|
| Personnel Management | 201435, 9 |

**Learning Outcome**
Explain key concepts in personnel management, including communication, motivation, evaluations, etc.

4

**Fixed**
4

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CELL 220 - Human Anatomy (with lab)

**Additional Comments:**

| Other Prerequisites | Recommended |
|---|---|
| Majors Only | ExSc 362 or equivalent |

**Note**
You must register for BOTH a Lecture section (4.0) AND a Lab section (0.0). Register for a lecture section first, then get on the Waitlist for the lab section of your choice. Each lab section is limited to 12 students.

| Title | Tags |
|---|---|
| Movement | 201471, 0, 2 |

**Learning Outcome**
Identify and discuss the structures, functions and interrelationships of the human skeletal, peripheral nervous, articular, and muscular systems with respect to movement.

| Title | Tags |
|---|---|
| Anatomical Terms | 201470, 0, 1 |

**Learning Outcome**
Upon completion of this class students will be able to accomplish the following:Be familiar with the anatomical terms and their meanings for the human skeletal, peripheral nervous, articular, and muscular systems in relation to movement and orthopedics.

| Title | Tags |
| --- | --- |
| Technology and Information Management | 201436, 10 |

**Learning Outcome**
Explain the role of technology and information management in athletic training settings.

| Title | Tags |
| --- | --- |
| Leadership Skills | 201437, 11 |

**Learning Outcome**
Develop and incorporate individual leadership skills; as well as increase personal awareness, gain self-confidence, and foster cohesive and caring relationships.

| Title | Tags |
| --- | --- |
| Preparticipation Exams | 201699, 8 |

**Learning Outcome**
Explain how to efficiently and effectively organize preparticipation exams.

| Title | Tags |
| --- | --- |
| Negligence | 201701, 7 |

**Learning Outcome**
Explain the elements of negligence and understand legal issues facing athletic trainers, as well as the role of risk management.

| Title | Tags |
| --- | --- |
| Planning, Coordinating, and Supervising | 201431, 0, 1 |

**Learning Outcome**
Explain the importance of planning, coordinating, and supervising in the administration of an athletic training room/program.

| Title | Tags |
| --- | --- |
| State Regulation and 3rd-Party Reimbursement | 201702, 0, 4 |

**Learning Outcome**
Explain the significance of state regulation for the athletic training profession and its

training profession and its relationship to third-party reimbursement.

| Title | Tags |
| --- | --- |
| The Impact of Insurance and 3rd-Party Reimbursement | 201700, 0, 5 |

**Learning Outcome**
Explain the significance of state regulation for the athletic training profession and its relationship to third-party reimbursement.

## EXSC 455 - Worksite Health Promotion

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 455 |

**Teaching Area**
EXSC
**Course Title**
Worksite Health Promotion
**Course Description**
Managing, designing, marketing, implementing, assessing, and administering health promotion programs in a worksite setting.
**Department**
Exercise Sciences
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## EXSC 460 - Orthopaedic Impairments and Therapeutic Exercise

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 460 |

**Teaching Area**
EXSC
**Course Title**
Orthopaedic Impairments and Therapeutic Exercise
**Course Description**
Fundamentals of body mechanics and therapeutic exercise, coupled with kinesiological principles for detection and correction of basic neuromusculoskeletal anomalies.
**Department**
Exercise Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

**Complete ALL of the following Courses:**

- EXSC 387 - Lifestyle and Chronic Disease Prevention
  **AND** EXSC 463 - Exercise Physiology

**Additional Comments:**

| Title | Tags |
|---|---|
| Health Promotion Concept | 201466, 1 |

**Learning Outcome**
Be able to demonstrate an understanding of the health promotion concept, historical background of worksite health promotion programs, and the rationale for companies to provide a health promotion program. This objective will be accomplished through class lecture/discussion and students will be evaluated through quizzes and exams.

| Title | Tags |
|---|---|
| Worksite Health Promotion Program | 201468, 7 |

**Learning Outcome**
Develop a worksite health promotion program through a semester class project.

| Title | Tags |
|---|---|
| Health Displays | 201469, 8 |

**Learning Outcome**
Have the opportunity to work in conjunction with a team to develop a health display to be presented to the class.

| Title | Tags |
|---|---|
| Components of Worksite Health Promotion Programs | 201703, 2 |

**Learning Outcome**
Better understand each of the following components in the design and execution of a worksite health promotion program: determining needs and interests of employers and employees, writing vision/mission/goal statements, best practices, creating a company culture of wellness, launching a program, incentives/rewards, and company wellness policies. This will be accomplished through lectures and a semester project.

Prerequisites

**Complete ALL of the following Courses:**

- CELL 220 - Human Anatomy (with lab)
  **AND** EXSC 440 - Advanced Musculoskeletal Human Anatomy (includes lab)

**Additional Comments:**

| Title | Tags |
|---|---|
| Osteokinematic and Arthrokinematic Movement | 201438, 2 |

**Learning Outcome**
Demonstrate an understanding of traditional, osteokinematic and arthrokinematic movement

| Title | Tags |
|---|---|
| Postural Evaluation | 201440, 4 |

**Learning Outcome**
Be able to perform a postural evaluation, both grossly and at individual joints

| Title | Tags |
|---|---|
| Etiology | 201441, 5 |

**Learning Outcome**
Demonstrate an understanding of the etiology, clinical significance and treatment of congenital and acquired orthopedic impairments of the upper and lower extremities and trunk.

| Title | Tags |
|---|---|
| Writing Therapeutic Exercise Programs | 201442, 6 |

**Learning Outcome**
Where applicable, be able to write a therapeutic exercise program for the orthopedic impairments discussed in class.

| Title | Tags |
|---|---|
| Normal and Pathologic Gait | 201443, 7 |

**Learning Outcome**
Demonstrate an understanding of normal and pathologic gait

| Title | Tags |
|---|---|
| Basic Orthopedic Terminology | 201732, 1 |

| Title | Tags |
| --- | --- |
| Health Assessments | 201704, 3 |

**Learning Outcome**
Increase understanding of effective health assessments and how to interpret the assessments. This will be accomplished through lectures and evaluated through quizzes and exams.

| Title | Tags |
| --- | --- |
| Evaluating Programs | 201705, 4 |

**Learning Outcome**
Increase understanding of how to effectively evaluate programs. This will be accomplished through lectures and evaluated through quizzes and exams.

| Title | Tags |
| --- | --- |
| Practical Experience | 201706, 6 |

**Learning Outcome**
Gain practical experience and learn from experts in the field. This will be accomplished through the following: 1) each student will critique an existing worksite wellness program and present the findings to the class, 2) approximately 5 class periods will be devoted to studying transcripts of various interviews with experts in the field, and 3) 5 class periods will include visiting lecturers who are currently working in the field.

| Title | Tags |
| --- | --- |
| Essential Elements | 201467, 0, 5 |

**Learning Outcome**
Be able to demonstrate the essential elements of common worksite health promotion programs such as physical activity, nutrition, weight management, medical self-care, stress management, substance abuse/tobacco control, and back care programs. This will be accomplished through lectures and class presentations.

**Learning Outcome**
Upon completion of this class students will be able to accomplish the following: Demonstrate an understanding of basic orthopedic terminology dealing with posture, movement and pathology.

| Title | Tags |
| --- | --- |
| Therapeutic Exercise | 201439, 0, 3 |

**Learning Outcome**
Demonstrate an understanding of therapeutic exercise: particularly active-resistive exercise, manual muscle testing and manual exercise and stretching.

## EXSC 462 - Clinical Biomechanics

### Course Information

**Teaching Area (new)**
EXSC

**Course Number**
462

**Teaching Area**
EXSC

**Course Title**
Clinical Biomechanics

**Course Description**
Advanced biological and mechanical perspectives into the etiology, diagnosis, and therapeutic resolution of common musculoskeletal disorders.

**Department**
Exercise Sciences

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CELL 220 - Human Anatomy (with lab)
  **AND** EXSC 362 - Kinesiology and Biomechanics

Prerequisites

**Complete ALL of the following Courses:**
- CE 204 - Engineering Mechanics--Dynamics

**Additional Comments:**

| Title | Tags |
|---|---|
| Anatomy | 211181, 0, 2 |

## EXSC 463 - Exercise Physiology

### Course Information

**Teaching Area (new)**
EXSC

**Course Number**
463

**Teaching Area**
EXSC

**Course Title**
Exercise Physiology

**Course Description**
The function of the physiological systems and their responses to acute and chronic exercise.

**Department**
Exercise Sciences

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CELL 305 - Human Physiology

Prerequisites

**Complete ALL of the following Courses:**
- CELL 362 - Advanced Physiology

**Additional Comments:**

**Recommended**
Concurrent enrollment in ExSc 464

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/EXSC-463-M002.

Learning Outcome
Describe anatomical structures involved in common musculoskeletal disorders.

| Title | Tags |
| --- | --- |
| Epidemiology | 211182, 0, 3 |

Learning Outcome
Understand the epidemiology related to aforementioned disorders.

| Title | Tags |
| --- | --- |
| Tissue Mechanics | 211180, 0, 1 |

Learning Outcome
Understand basic mechanical principles guiding tissue mechanics.

| Title | Tags |
| --- | --- |
| Healthy Mechanics & Pathomechanics | 211183, 0, 4 |

Learning Outcome
Identify biomechanical (cellular level/tissue level mechanics, as well as system-level mechanics) principles important to a comprehensive understanding of key components of common musculoskeletal disorders.

| Title | Tags |
| --- | --- |
| Scientific Literature & Presentation Skills | 211184, 0, 5 |

Learning Outcome
Identify biomechanical (cellular level/tissue level mechanics, as well as system-level mechanics) principles important to a comprehensive understanding of key components of common musculoskeletal disorders.

https://byu.bloodhub.com/catalog/...

| Title | Tags |
| --- | --- |
| Nervous System | 201567, 2 |

Learning Outcome
Describe the function of sympathetic, parasympathetic, and somatic motor neurons, including differences in structure, neurotransmitters, receptors and efferent organs.

| Title | Tags |
| --- | --- |
| Depolarization of Skeletal Muscle | 201568, 3 |

Learning Outcome
Describe the depolarization of skeletal muscle beginning at the spinal cord and ending with the contraction of the muscle fiber.

| Title | Tags |
| --- | --- |
| Cardiovascular System | 201569, 5 |

Learning Outcome
Describe the normal anatomy and physiology of the heart, blood, and blood vessels; describe the normal function of the cardiovascular system at rest and during exercise.

| Title | Tags |
| --- | --- |
| Anaerobic and Aerobic Metabolic Pathways | 201571, 7 |

Learning Outcome
Describe the substrates used, amount and rate of ATP resynthesized, metabolic end products, and control of anaerobic and aerobic metabolic pathways.

| Title | Tags |
| --- | --- |
| System Interaction | 201572, 8 |

Learning Outcome
Describe the interaction of the nervous, muscle, cardiovascular, pulmonary, and metabolic systems at rest and during exercise.

| Title | Tags |
| --- | --- |
| Adaptation to Physical Conditioning | 201573, 9 |

Learning Outcome

Learning Outcome
Describe the responses to acute bouts of exercise and the mechanisms of the observed response, and the physiological adaptations which occur as a result of physical conditioning.

| Title | Tags |
| --- | --- |
| Principles of Physical Conditioning | 201574, 10 |

Learning Outcome
Describe the physiological rationale for applying the eight principles of physical conditioning to improve health, fitness, and performance.

| Title | Tags |
| --- | --- |
| Skeletal Muscle Fiber Types | 201723, 4 |

Learning Outcome
Describe the anatomical, physiological, and functional differences between the three types of human skeletal muscle fibers.

| Title | Tags |
| --- | --- |
| Appreciation for How the Human Body Functions | 201566, 0, 1 |

Learning Outcome
Describe how the human body functions and maintains homeostasis during the increased metabolic demands of exercise.

| Title | Tags |
| --- | --- |
| Transportation and Diffusion of O2 and CO2 | 201570, 0, 6 |

Learning Outcome
Describe the transportation and diffusion of O2 and CO2 through the pulmonary and systemic circuits at rest and during exercise.

## EXSC 464 - Exercise Physiology Lab

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 464 |

## EXSC 466 - Introduction to Electrocardiograms

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

**Teaching Area**
EXSC
**Course Title**
Exercise Physiology Lab
**Course Description**
Introduction of laboratory and field methods; applying principles of exercise physiology to assessing physical fitness and physiological responses to exercise.
**Department**
Exercise Sciences
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Other Prerequisites**
ExSc 463 or concurrent enrollment
**Note**
Each section meeting on the same day will meet every third time (e.g., 1st week, 2nd week, 3rd week, etc.)

**Title**
Experiencing and Applying Knowledge of Exercise Physiology
**Tags**
201707, 0, 1

**Learning Outcome**
The purpose of this laboratory course is to experience basic exercise physiology principles regarding the cardiovascular, respiratory, metabolic and skeletal muscle systems. The labs are designed to give students practice in assessing and thinking critically about the physiology of exercise.

EXSC 466
**Teaching Area**
EXSC
**Course Title**
Introduction to Electrocardiograms
**Course Description**
Cardiovascular physiology and conduction pathways of the heart. Resting and exercise 12-lead ECG preparation, recording and interpretation of normal ECG patterns, myocardial infarctions, and common atrial and ventricular arrhythmias. This course takes an approach to understanding ECGs applicable to students in exercise science-related fields of study and occupations, including the allied health or medical professions.
**Department**
Exercise Sciences
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- CELL 305 - Human Physiology

**Additional Comments:**

**Title**
Nervous System and Depolarization of the Heart
**Tags**
201781, 0, 1

**Learning Outcome**
Explain the neural innervation of the heart and the control of heart rate.
Describe the normal depolarization of the heart including conduction pathways.
Describe and draw the vectors of the normally depolarized heart.

| Title | Tags |
| --- | --- |
| Interpretation of ECGs | 201784, 0, 4 |

**Learning Outcome**
Explain the "view" of the heart from the perspective of each ECG lead.
Describe the normal P wave, PR segment, QRS complex, J point and T wave in each of the 12 leads of an ECG.
Describe the appearance of wave forms in contiguous and reciprocal leads.
Recognize a normal rhythm and the characteristics of variations of the normal sinus rhythm, early repolarization, conduction blocks, atrial and ventricular premature or junctional beats, fibrillations, tachycardias, flutters, ventricular hypertrophy, and acute coronary syndromes.

| Title | Tags |
| --- | --- |
| Laboratory Skills and Practices | 201787, 0, 8 |

**Learning Outcome**
Prepare a subject for and record a resting 12-lead ECG.
Evaluate a resting ECG using the 9 Steps to Interpret an ECG.

## EXSC 468 - Exercise Prescription

### Course Information

**Teaching Area (new)**
EXSC
**Course Number**
468
**Teaching Area**
EXSC
**Course Title**
Exercise Prescription
**Course Description**
Applying knowledge of human physiology in developing appropriate exercise programs for individuals with a variety of needs and fitness levels; using the effects of exercise to improve health and quality of life.
**Department**
Exercise Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**

## EXSC 470 - Functional Neuroanatomy

### Course Information

**Teaching Area (new)**
EXSC
**Course Number**
470
**Teaching Area**
EXSC
**Course Title**
Functional Neuroanatomy
**Course Description**
Function, assessment, and rehabilitation of sensory and motor systems.
**Department**
Exercise Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

3

### Lecture Hours

Fixed
2.5

### Lab Hours

Fixed
0.5

| Title | Tags |
| --- | --- |
| Preparticipation Screening | 201552, 0, 2, 2022-08-31 13:39:38 |

Learning Outcome
Students will perform preparticipation screening to minimize the risk of participation in an exercise program.

| Title | Tags |
| --- | --- |
| Assessments | 201553, 0, 3, 2022-08-31 13:39:38 |

Learning Outcome
Select appropriate cardiorespiratory fitness, muscular strength/endurance, and flexibility assessments to tailor exercise prescription and provide personal feedback during goal attainment.

| Title | Tags |
| --- | --- |
| Programs for Healthy Adults | 201557, 0, 4, 2022-08-31 13:39:38 |

Learning Outcome
Create a personalized activity or exercise program that will enable an apparently healthy individual to accomplish a specific physical, health, or performance goal.

| Title | Tags |
| --- | --- |
| Adapted Programs | 201554, 0, 5, 2022-08-31 13:39:38 |

Learning Outcome
Tailor exercise programs to individuals with controlled chronic disease or musculoskeletal limitations.

| Title | Tags |
| --- | --- |
| Programs for All Ages | 201555, 0, 6, 2022-08-31 13:39:38 |

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- EXSC 440 - Advanced Musculoskeletal Human Anatomy (includes lab)

Prerequisites

**Complete ALL of the following Courses:**
- NEURO 205 - Neurobiology

Prerequisites

**Complete ALL of the following Courses:**
- CELL 220 - Human Anatomy (with lab)

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Neuroanatomy | 201725, 0, 1 |

Learning Outcome
Students will appreciate the divine complexity of the nervous system in light of both science and faith.
Students will be able to characterize key neuroanatomical landmarks by functional system.
Students will be able to discuss the anatomical structure of the human brain.
Students will be able to discuss the function of the somatosensory and motor systems.
Students will be able to interpret signs and symptoms of peripheral nerve issues for the purpose of detecting the site of dysfunction.
Students will be able to evaluate appropriate sensory tests to discriminate peripheral vs

Learning Outcome
Prescribe life-stage-appropriate exercise programs for individuals across the lifespan.

| Title | Tags |
| --- | --- |
| Motivation | 201556, 0, 7, 2022-08-31 13:39:38 |

Learning Outcome
Motivate successful behavior change in others and promote continued progress toward their personal goals.

central nerve lesions.

## EXSC 480 - Obesity and Weight Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 480 |

Teaching Area
EXSC
Course Title
Obesity and Weight Management
Course Description
Review of the scientific literature surrounding obesity and weight management, primarily the causes and consequences of this growing epidemic.
Department
Exercise Sciences
When Taught
Fall, Winter, Spring

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

## EXSC 485 - Exercise and Wellness Certification Preparation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 485 |

Teaching Area
EXSC
Course Title
Exercise and Wellness Certification Preparation
Course Description
Review of exercise and wellness certification competencies and curriculum with preparation for professional certification.
Department
Exercise Sciences
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Senior status

| Title | Tags |
| --- | --- |
| Essential Concepts and Principles of Pathophysiology | 201510, 0 |

Prerequisites

Prerequisites

**Complete ALL of the following Courses:**

- EXSC 463 - Exercise Physiology

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Assessment Methods | 201530, 0, 2 |

**Learning Outcome**
Compare and contrast the various methods of assessing overweight/obesity, including the key contributors to energy balance: body composition, diet, and physical activity.

| Title | Tags |
| --- | --- |
| Treatment Strategies | 201519, 0, 3 |

**Learning Outcome**
Discuss the relative efficacy of leading strategies for treating overweight/obesity including: diet, physical activity, behavioral, pharmacological, and surgical interventions.

| Title | Tags |
| --- | --- |
| Eating Disorders | 212191, 0, 4 |

**Learning Outcome**
Recognize characteristics of common eating disorders and describe current treatment strategies for these disorders.

| Title | Tags |
| --- | --- |
| Weight Management Experience | 201547, 0, 5 |

**Learning Outcome**
Create and implement an appropriate personal program, supported by evidence from peer-reviewed literature, that can effectively change your weight or otherwise improve your health.

| Title | Tags |
| --- | --- |
| Impact of Obesity | 201514, 0, 1 |

**Learning Outcome**
Describe the historical framework, prevalence, etiology, costs, and social/economic/health consequences of

of Pathophysiology

**Learning Outcome**
Explain and apply the essential concepts and principles of pathophysiology; exercise physiology; health appraisal and fitness testing; exercise programming; nutrition and weight management; anatomy and biomechanics; human behavior and psychology; human development and aging; and safety and injury prevention in an understandable and accurate way

| Title | Tags |
| --- | --- |
| Preparing to Certify as an HFS | 201540, 0 |

**Learning Outcome**
Prepare to certify as a Health and Fitness Specialist (HFS) through the American College of Sports Medicine (ACSM)

overweight/obesity in adults and children.

## EXSC 488 - Motor Control

### Course Information

**Course Number**
488
**Teaching Area**
EXSC
**Course Title**
Motor Control
**Course Description**
This upper level exercise sciences course will synthesize neuromuscular and biomechanical principles from other courses in the department (i.e., EXSC 362, 440 and 463) and introduce new physiological principles that direct healthy, purposeful control of voluntary movement. Course concepts will include (1) neuromuscular anatomy and physiology, (2) biomechanics of single- and multi-joint systems, (3) current questions and pressing problems related to healthy and pathological control of voluntary movement, (4) current approaches to improving athletic performance, and (5) overcoming orthopedic and neuromuscular impairments.
**Department**
Exercise Sciences
**When Taught**
Fall

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

**Simple Requisites**

**EXSC 362 Kinesiology and Biomechanics**
**Type**
Prerequisite
**Additional Comments:**

**EXSC 440 Advanced Musculoskeletal Human Anatomy (includes lab)**
**Type**
Prerequisite
**Additional Comments:**

**EXSC 463 Exercise Physiology**
**Type**
Prerequisite
**Additional Comments:**

**Recommended**
Undergraduate physics, anatomy and physiology (PHSCS 105 OR 121, CELL 220, CELL 305 or 362)

## EXSC 497R - Undergraduate Research and Study

### Course Information

**Teaching Area (new)**
EXSC
**Course Number**
497R
**Teaching Area**
EXSC
**Course Title**
Undergraduate Research and Study
**Course Description**
Individual research and study in any area of exercise science.
**Department**
Exercise Sciences
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
4

#### Lecture Hours

**Fixed**
0

**Note**
While you can take 497R as many times as you want, only a total of 3 credits can be applied to Requirement 2.

| Title | Tags |
| --- | --- |
| Mentored Student Learning | 201473, 1 |

**Learning Outcome**
To provide the undergraduate student with a mentored learning experience specifically in exercise science related research

| Title | Learning Outcome |
| --- | --- |
| Therapeutic application of motor control concepts | Students will be able to indentify therapeutic interventions to treat common neuromuscular and musculoskeletal pathologies that impair voluntary movement through the application of motor control concepts. |

| Title | Learning Outcome |
| --- | --- |
| Evaluate lay and scientific literature to locate and identify sound science and recommendations | Students will learn to critically evaluate related peer-reviewed scientific literature as well as confidently navigate the lay literature and media to become effective advocates for reasonable interpretations of good science. |

| Title | Learning Outcome |
| --- | --- |
| Communicate within the discipline | Students will be able to effectively communicate (speak, listen, write, and read) about current issues in applied motor control to a typical practitioner and patient population. |

| Title | Learning Outcome |
| --- | --- |
| Understand principles of anatomy and physiology | Students will demonstrate understanding of the anatomical and physiological facets of the neural, muscular and skeletal systems that are important to control of able-bodied voluntary movement. |

| Title | Learning Outcome |
| --- | --- |
| Increased appreciation for the blessing of the physical body | Students will consider how the work of exercise and rehabilitation helps us to follow Heavenly Father's plan for us to use and respect our bodies. |

## EXSC 498 - Capstone Experience in Athletic Training

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 498 |

**Teaching Area**
EXSC
**Course Title**
Capstone Experience in Athletic Training

## EXSC 501 - Pathophysiology for the Athletic Trainer

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 501 |

**Teaching Area**
EXSC
**Course Title**
Pathophysiology for the Athletic Trainer

**Course Description**
Synthesizing and integrating student classroom and clinical experiences in preparation for BOC examination resulting in certification of allied health professionals.
**Department**
Exercise Sciences
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Senior standing in athletic training education program
**Note**
Course should be taken last semester prior to graduation.

| Title | Tags |
|---|---|
| BOC Exam Registration Process | 201450, 1 |

**Learning Outcome**
Explain, describe and complete the BOC exam registration process.

| Title | Tags |
|---|---|
| Exam Preparation Schedule | 201451, 2 |

**Learning Outcome**
Design and follow athletic training content exam preparation schedule.

| Title | Tags |
|---|---|
| Significance of BOC Certification | 201452, 4 |

**Learning Outcome**
Explain the significance of BOC certification and state regulation for the athletic training profession.

| Title | Tags |
|---|---|

**Course Description**
Foundational understanding of the physiology underlying common systemic diseases. Recognize, evaluate and differentiate common systemic diseases.
**Department**
Exercise Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
EXSC 463; EXSC 463; EXSC 464

| Title | Tags |
|---|---|
| Basic Knowledge of Human Anatomy and Physiology | 201736, 0, 1, 2022-08-12 10:59:22 |

**Learning Outcome**
Synthesize basic knowledge of human anatomy and physiology to develop knowledge of the causes, pathophysiology, and clinical features of the various conditions affecting the body.

| Title | Tags |
|---|---|
| Clinico-Pathological Signs and Symptoms | 201463, 0, 9, 2022-08-12 10:59:22 |

**Learning Outcome**
Evaluate clinico-pathological signs and symptoms for specific medical conditions that assist the sport medicine/allied health care clinician in correlating findings in determining the course of action for illness and disease.

| Emergency Plans | 201453, 6 |
|---|---|

**Learning Outcome**
Develop and implement emergency plans in the practice of athletic training.

| Title | Tags |
|---|---|
| Legal Issues | 201454, 7 |

**Learning Outcome**
Explain legal issues facing athletic trainers.

| Title | Tags |
|---|---|
| Technology and Information Management | 201455, 8 |

**Learning Outcome**
Explain the role of technology and information management in athletic training settings.

| Title | Tags |
|---|---|
| Requirements to Maintain BOC Certification | 201456, 9 |

**Learning Outcome**
Understand the requirements to maintain BOC certification.

| Title | Tags |
|---|---|
| NATA Education Council Competencies | 201457, 11 |

**Learning Outcome**
Have completed all NATA Education Council competencies.

| Title | Tags |
|---|---|
| Possibilities of Practice in AT | 201710, 3 |

**Learning Outcome**
Understand the possibilities of practice in Athletic Training.

| Title | Tags |
|---|---|
| Deficiencies in Knowledge and Skills | 201711, 5 |

**Learning Outcome**
Define deficiencies in your athletic training education knowledge and skills.

| Title | Tags |
|---|---|

| Motto | 201712, 10 |
|---|---|

Learning Outcome
BOC Exam Preparation =
Professional Practice Preparation

## EXSC 514 - Advanced Athletic Training Lab

### Course Information

Teaching Area (new): EXSC
Course Number: 514
Teaching Area: EXSC
Course Title: Advanced Athletic Training Lab
Course Description: Advanced athletic training skills, including taping, bracing and splinting, custom-fitted equipment, massage and stretching techniques, and emergency splinting and transport.
Department: Exercise Sciences
When Taught: Fall

#### Credit Hours

Min: 1
Fixed: 1

#### Lecture Hours

Fixed: 0.5

#### Lab Hours

Fixed: 0.5

Recommended
EXSC 320 and 321

| Title | Tags |
|---|---|
| Immediate and Emergency Care | 208432, 0, 3 |

Learning Outcome
Implement appropriate emergency treatment strategies including, but not limited to, establishing and maintaining an airway in a patient wearing shoulder pads, headgear or other protective equipment and/or with a suspected spinal injury, in multiple sports settings.

## EXSC 515 - Therapeutic Interventions 1, Modalities

### Course Information

Teaching Area (new): EXSC
Course Number: 515
Teaching Area: EXSC
Course Title: Therapeutic Interventions 1, Modalities
Course Description: Principles of therapeutic interventions: healing, hydrotherapy, massage, traction, radiant energy, heat, cold, electrotherapy and rehabilitation. Application of healing and therapeutic modality theories to injured athletes and physically active individuals.
Department: Exercise Sciences
When Taught: Fall

#### Credit Hours

Min: 3
Fixed: 3

#### Lecture Hours

Fixed: 3

#### Lab Hours

Fixed: 0

Recommended
EXSC 320

| Title | Tags |
|---|---|
| Treatment and Rehabilitation Using Superficial Heat | 208436, 0, 2, 2019-07-01 11:39:45 |

Learning Outcome
Select according to appropriate parameters and properly prepare and apply: moist heat pack, paraffin treatment, warm whirlpool treatment, fluidotherapy.

**Title**
Injury/Illness Prevention and Wellness Protection

**Tags**
208430, 0, 1

**Learning Outcome**
Select, fabricate, and apply appropriate protective equipment, including taping, wrapping procedures, splints, braces, and other special protective devices.
Apply protective equipment and transport as part of the comprehensive, proactive emergency action plan (EAP).

**Title**
Clinical Evaluation and Diagnosis

**Tags**
208431, 0, 2

**Learning Outcome**
Apply special tests and diagnostic instruments (ie, otoscope, stethoscope, ophthalmoscope, peak flowmeter, chemical "dipsticks" [or similar devices]) to accurately diagnose patients.

**Title**
Therapeutic Interventions

**Tags**
208433, 0, 4

**Learning Outcome**
Apply special tests and diagnostic instruments (ie, otoscope, stethoscope, ophthalmoscope, peak flowmeter, chemical "dipsticks" [or similar devices]) to accurately diagnose patients.

**Title**
Use of Electrotherapy in Decreasing Pain and Muscle Spasm

**Tags**
208437, 0, 3, 2019-07-01 11:39:45

**Learning Outcome**
Select according to appropriate parameters and properly prepare and apply electrical stimulation units: monophasic stimulator (eg, high volt stimulation), biphasic stimulator (eg, TENS, NMES), direct current (eg, iontopheresis), alternating current (eg, interferential, NMES).

**Title**
Use of Deep Heat to Decrease Pain, Swelling, Muscle Spasm, and Atrophy

**Tags**
208438, 0, 4, 2019-07-01 11:39:45

**Learning Outcome**
Select according to appropriate parameters and properly prepare and apply thermal and nonthermal direct/indirect ultrasound treatment, sustained acoustic medicine (SAM) and pulsed shortwave diathermy.

**Title**
Use of Traction for Decreasing Pain and Muscle Spasm

**Tags**
208439, 0, 5, 2019-07-01 11:39:45

**Learning Outcome**
Select according to appropriate parameters and properly prepare and apply: mechanical traction, manual traction, positional traction.

**Title**
Therapeutic Interventions

**Tags**
208435, 0, 1, 2019-07-01 11:39:45

**Learning Outcome**
Select according to appropriate parameters, and properly prepare and apply the treatment for rehabilitation of physical injury using massage, contrast bath, cryokinetics, cold whirlpool treatment, controlled cold therapy unit, ice bag, vapo-coolant spray, ice immersion.

## EXSC 516 - Orthopedic Evaluation 1: Lower Extremities

### Course Information

**Teaching Area (new)**
EXSC

**Course Number**
516

**Teaching Area**
EXSC

**Course Title**
Orthopedic Evaluation 1: Lower Extremities

**Course Description**
Advanced principles of lower-extremity injury evaluation; evaluation techniques for the lower extremities.

**Department**
Exercise Sciences

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Recommended**
EXSC 320 or equivalent

| Title | Tags |
| --- | --- |
| Immediate and Emergency Care | 208447, 0, 8, 2019-07-01 11:42:38 |

**Learning Outcome**
Select proper on-the-field/off-the-field injury management techniques.

| Title | Tags |
| --- | --- |
| Evaluation and Assessment | 208440, 0, 1, 2019-07-01 11:42:38 |

**Learning Outcome**
Perform and interpret the results of fitness tests including muscular endurance, strength, agility, speed and balance.

| Title | Tags |
| --- | --- |
| Measurement and Assessment | 208442, 0, 3, 2019-07-01 11:42:38 |

## EXSC 517 - Orthopedic Evaluation 2: Upper Extremities and Trunk

### Course Information

**Teaching Area (new)**
EXSC

**Course Number**
517

**Teaching Area**
EXSC

**Course Title**
Orthopedic Evaluation 2: Upper Extremities and Trunk

**Course Description**
Advanced principles of injury evaluation; evaluation techniques for the upper extremities and trunk.

**Department**
Exercise Sciences

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Clinical Evaluation Skills | 208449, 0, 2, 2019-07-01 11:43:28 |

**Learning Outcome**
Measure the active, passive, and resistive joint range of motion for the entire body, including manual muscle testing.

| Title | Tags |
| --- | --- |
| Neurologic Evaluation | 208450, 0, 3, 2019-07-01 11:43:28 |

**Learning Outcome**
Perform circulatory and neurological testing, including cranial nerve testing; identify dermatomes, myotomes, and reflexes.

| Title | Tags |
| --- | --- |
| Orthopedic Evaluation | 208451, 0, 4, 2019-07-01 11:43:28 |

Learning Outcome
Accurately measure the active, passive, and resistive motion using commonly accepted techniques, including the use of a goniometer, tape measure, and inclinometer.

| Title | Tags |
| --- | --- |
| Neurological Diagnosis | 210521, 0, 5 |

Learning Outcome
Assess neurological status, including cranial nerve function, myotomes, dermatomes and reflexes, and circulatory status.

| Title | Tags |
| --- | --- |
| Mechanism of Injury | 210523, 0, 7 |

Learning Outcome
Explain and/or demonstrate mechanisms of common injuries in various sports.

| Title | Tags |
| --- | --- |
| Diagnosis | 208441, 0, 2, 2019-07-01 11:42:38 |

Learning Outcome
Diagnose injuries through interpretation of clinical evaluation by observing, palpating, and testing tissues to determine pathologies.
Grade manual muscle testing and apply appropriate stress tests for ligamentous, capsular stability or muscle, and fractures.

| Title | Tags |
| --- | --- |
| Documentation | 210522, 0, 6 |

Learning Outcome
Document the results of all of the assessments including the diagnosis.

Learning Outcome
Perform orthopedic special tests to determine the stability of joints and ligaments.

| Title | Tags |
| --- | --- |
| Evaluation of Movement and Posture | 210536, 0, 6 |

Learning Outcome
Identify and demonstrate mechanisms of common injuries in athletic participation.

| Title | Tags |
| --- | --- |
| Clinical Evaluation and Diagnosis | 208452, 0, 5, 2019-07-01 11:43:28 |

Learning Outcome
Palpate bones and soft tissues, including the abdomen, internal organs, and structures to determine normal or pathological characteristics.

| Title | Tags |
| --- | --- |
| Environmental Issues | 210537, 0, 7 |

Learning Outcome
Identify and treat causes of environmental illness and trauma including both cold and heat related illnesses.

| Title | Tags |
| --- | --- |
| Diagnostic Evaluation Tools | 208448, 0, 1, 2019-07-01 11:43:28 |

Learning Outcome
Diagnose conditions by utilizing orthopedic special tests.
Understand the differences in MRI, Bone Scan, CT Scan, Imaging Ultrasound, when each is used, and the indications and contraindications of each.

## EXSC 518 - Therapeutic Interventions 2, Rehabilitation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 518 |

Teaching Area
EXSC

## EXSC 519 - Medical Issues in Athletic Training

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| EXSC | 519 |

Teaching Area
EXSC

EXSC
**Course Title**
Therapeutic Interventions 2, Rehabilitation
**Course Description**
Knowledge in and application of rehabilitation theories with regards to therapeutic exercise for injured and uninjured physically active individuals.
**Department**
Exercise Sciences
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
EXSC 362 and EXSC 320 or equivalents

| Title | Tags |
|---|---|
| Therapeutic Interventions | 208453, 0, 1, 2019-07-01 11:44:00 |

**Learning Outcome**
Exams and case studies will be used to evaluate student's understanding of tissue healing and how therapeutic exercise affects tissue healing.

| Title | Tags |
|---|---|
| Functional Progression | 208454, 0, 2, 2019-07-01 11:44:00 |

**Learning Outcome**
Exams and case studies and labs will be used to evaluate student's understanding and application of the concept of functional progression and how it guides individual rehabilitation protocols. Rehabilitation is not a recipe where one treatment or progression fits all people.

| Title | Tags |
|---|---|
| Therapeutic Exercise | 208455, 0, 3, 2019-07-01 11:44:00 |

**Learning Outcome**

EXSC
**Course Title**
Medical Issues in Athletic Training
**Course Description**
Discussion of current medical issues in athletic training with guest lectures by medical specialists from the community.
**Department**
Exercise Sciences
**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Recommended**
EXSC 320 or equivalent

| Title | Tags |
|---|---|
| Medical Conditions | 208458, 0, 1, 2019-07-01 11:44:18 |

**Learning Outcome**
Diagnose a variety of medical conditions, given the supervising physician's direction.

| Title | Tags |
|---|---|
| Therapeutic Interventions | 208460, 0, 3, 2019-07-01 11:44:18 |

**Learning Outcome**
Write plans based on the surgeon's approach to repair and rehabilitation for orthopedic injuries.

| Title | Tags |
|---|---|
| Treatment of Athlete Illnesses | 208459, 0, 2, 2019-07-01 11:44:18 |

**Learning Outcome**
Collaborate with the medical doctor's approach to treat common illnesses and disease.

| Title | Tags |
|---|---|
| Athletic Trainer's | |

Learning Outcome
Exams, case studies, laboratories and a final project will be used to evaluate student's ability to synthesize and apply therapeutic exercise, range of motion and manual therapy techniques to enhance the goals within a rehabilitation plan for athletic injury.

Tags
208456, 0, 4, 2019-07-01 11:44:00

Title
Return to Play

Learning Outcome
Exams, case studies and a final project will be used to evaluate student's ability to synthesize the different goals of rehabilitation to be combined for any injury and condition and apply these concepts to return the patient to full activity.

Title
Rehabilitation Application to the Big Picture

Tags
208457, 0, 5, 2019-07-01 11:44:00

Learning Outcome
Exams and the final project will be used to evaluate student's ability to place rehabilitation techniques on the continuum of care in association with proper diagnosis and other therapeutic interventions and modalities.

Professionalism

Tags
208461, 0, 4, 2019-07-01 11:44:18

Learning Outcome
Participate in scenarios that simulate the athletic trainer's role as it pertains to a team approach with the physician and other health care professionals.

## EXSC 563 - Environmental Physiology

### Course Information

Teaching Area (new)
EXSC

Course Number
563

Teaching Area
EXSC

Course Title
Environmental Physiology

Course Description
Study environmental stressors and physiological responses (neuromuscular, cardiovascular, cellular energy metabolism) during exposure to heat, cold, high altitude, hyperbaric diving, and zero-G. Examine how various physiological systems function during acute exposure to these environmental extremes.\n\n

Department
Exercise Sciences

When Taught
Winter Odd Years

## FHSS 200 - Introduction to Civic Engagement Leadership

### Course Information

Teaching Area (new)
FHSS

Course Number
200

Teaching Area
FHSS

Course Title
Introduction to Civic Engagement Leadership

Course Description
Introduction to community involvement, public service, and leadership through lectures from external speakers and discussion of civic engagement.

When Taught
Fall

### Credit Hours

Min

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CELL 305 - Human Physiology

Prerequisites

**Complete ALL of the following Courses:**
- CELL 362 - Advanced Physiology

**Additional Comments:**

**Recommended**
EXSC 463 or EXSC 666

| Title | Tags |
| --- | --- |
| Environmental stressors | 212801, 0, 1, 2023-01-24 12:22:16 |

**Learning Outcome**
Students will be able to classify and prioritize environmental stressors.

| Title | Tags |
| --- | --- |
| Physiological responses to extreme environments | 212802, 0, 2, 2023-01-24 12:22:16 |

**Learning Outcome**
Students will be able to determine and evaluate the importance of specific physiological responses during physical work (exercise) in an extreme environment.

1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Service | 185981, 1 |

**Learning Outcome**
Educate students on the value of public engagement and service.

| Title | Tags |
| --- | --- |
| Leadership | 185982, 2 |

**Learning Outcome**
Train students to become leaders in public service and positive "change agents" in their nations and communities.

| Title | Tags |
| --- | --- |
| Mitigate physiological stresses | 212803, 0, 3, 2023-01-24 12:22:16 |

**Learning Outcome**
Students will be able to critically evaluate environmental stressors and formulate appropriate countermeasures that will mitigate the physiological stresses during exposure to environmental extremes.

| Title | Tags |
| --- | --- |
| Limiting factors for exercise | 212804, 0, 4, 2023-01-24 12:22:16 |

**Learning Outcome**
Students will be able to explain and justify the specific limiting factors associated with exercise in a given environmental exposure.

## FHSS 251R - FHSS Research Academy Seminar

### Course Information

**Teaching Area (new)**
FHSS

**Course Number**
251R

**Teaching Area**
FHSS

**Course Title**
FHSS Research Academy Seminar

**Course Description**
This course is part of the FHSS research academy and will help students build connections with other under-represented students, identify faculty and professional mentors, and prepare for graduate school by building skills that will help with tasks such as studying for graduate entrance exams, writing letters of intent, preparing resumes and CVs, and presenting.

**When Taught**
Fall

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into the FHSS Research Academy.

## FHSS 300 - NULL

### Course Information

**Teaching Area (new)**
FHSS

**Course Number**
300

**Teaching Area**
FHSS

**Course Title**
NULL

**Course Description**
This course analyzes the most effective means for being a change agent in the community. The course also teaches students critical skills of analysis, evaluation, leadership, innovation, and teamwork by requiring the design and completion of a group project involving some form of civic improvement and incorporating interaction with an external community partner.

**When Taught**
Fall

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Recommended**
FHSS 200.

## FHSS 351 - Civil Rights Seminar

### Course Information

**Teaching Area (new)**
FHSS

**Course Number**
351

**Teaching Area**
FHSS

**Course Title**
Civil Rights Seminar

**Course Description**
Introduction to the major figures, events, and locations of the Civil Rights Movement in America, with a focus on the 1950s and 1960s. Includes a field trip to civil rights historical sites in Georgia and Alabama.

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## FHSS 399R - Internship in Civic Engagement

### Course Information

**Teaching Area (new)**
FHSS

**Course Number**
399R

**Teaching Area**
FHSS

**Course Title**
Internship in Civic Engagement

**Course Description**
This course helps students engage in a series of experiences, while on their internship, that allow them to develop and demonstrate understanding of key competencies in professional contexts. Students will learn how to harness intention, reflection, and integration of new learning to translate the value of their internship into a compelling, evidence-based narrative, tailored to an audience's needs and expectations.

**Department**
1018

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
9

**Other Prerequisites**
Internship must be approved in advance by the Director of the Office of Civic Engagement Leadership or Director of the Washington Seminar Internship Program.

**Note**
An APPROVED Internship Application is required before adding.
https://link.byu.edu/INTERN01

**Learning Outcome**
1. Students will draw from their unique internship contexts to develop key professional competencies.

**Learning Outcome**
2. Students will translate the value of their professional development experience through evidence-based narrative.

## FHSS 400 - Civic Engagement Leadership

### Course Information

**Teaching Area (new)**
FHSS

**Course Number**
400

**Teaching Area**
FHSS

## FIJI 100 - Language Study: Fijian

### Course Information

**Teaching Area (new)**
FIJI

**Course Number**
100

**Teaching Area**
FIJI

**Course Title**
Civic Engagement Leadership
**Course Description**
Promote leadership in civic engagement through discussion of community involvement and public service, lectures from external speakers, and development of a hands-on project involving some form of public service.
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- FHSS 300 - NULL

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags |
|---|---|
| Service | 185983, 1 |

**Learning Outcome**
Educate students on the value of public engagement and service.

| Title | Tags |
|---|---|
| Leadership | 185984, 2 |

**Learning Outcome**
Train students to become leaders in public service and positive "change agents" in their nations and communities.

| Title | Tags |
|---|---|

**Course Title**
Language Study: Fijian
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Fijian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 195501, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 195502, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 195503, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

| Knowledge | 185985, 3 |
|---|---|

**Learning Outcome**
Help students understand how academic research on civic engagement helps explain why people become engaged, how civic engagement organizations have adapted to changing conditions, the role of various social factors in civic engagement (income, education, religion, race, gender, etc.), and the effects of civic engagement on individuals and organizations.

| Title | Tags |
|---|---|
| Experience | 185986, 4 |

**Learning Outcome**
Provide models for public engagement and service among faculty, fellow students, and campus visitors with experience and expertise in various facets of civic engagement.

## FIJI 101 - First-Year Language Study: Fijian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| FIJI | 101 |

**Teaching Area**
FIJI
**Course Title**
First-Year Language Study: Fijian
**Course Description**
Beginning speaking, listening, reading, and writing skills in Fijian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

## FIJI 102 - First-Year Language Study: Fijian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| FIJI | 102 |

**Teaching Area**
FIJI
**Course Title**
First-Year Language Study: Fijian
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Fijian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

**Lab Hours**

**Fixed**
1

| Title | Tags |
|---|---|
| Comprehension | 195504, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 195505, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 195506, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 195507, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## FIJI 201 - Second-Year Language Study: Fijian

**Lab Hours**

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FIJI 101 - First-Year Language Study: Fijian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 195508, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 195510, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 195512, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 195514, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## FIJI 202 - Second-Year Language Study:

## FIJI 201 - Second-Year Language Study: Fijian

### Course Information

**Teaching Area (new)**
FIJI
**Course Number**
201
**Teaching Area**
FIJI
**Course Title**
Second-Year Language Study: Fijian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Fijian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FIJI 102 - First-Year Language Study: Fijian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 195518, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

## FIJI 202 - Second-Year Language Study: Fijian

### Course Information

**Teaching Area (new)**
FIJI
**Course Number**
202
**Teaching Area**
FIJI
**Course Title**
Second-Year Language Study: Fijian
**Course Description**
Continued emphasis on Fijian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FIJI 201 - Second-Year Language Study: Fijian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 195528, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing

| Title | Tags |
| --- | --- |
| Vocabulary | 195521, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 195522, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 195525, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 195534, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195537, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195539, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## FIJI 305 - Language Skills Development: Fijian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIJI | 305 |

**Teaching Area**
FIJI
**Course Title**
Language Skills Development: Fijian
**Course Description**
Increasing proficiency in one or more of the following Fijian language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**

## FIJI 321 - Advanced Grammar: Fijian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIJI | 321 |

**Teaching Area**
FIJI
**Course Title**
Advanced Grammar: Fijian
**Course Description**
Systematic review of grammar and syntax of Fijian.
**Department**
Language Studies
**When Taught**
Contact Department

When Taught
Contact Department

### Credit Hours

Min
1

Fixed
4

Other Prerequisites
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 195549, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 195552, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197505, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- FIJI 202 - Second-Year Language Study: Fijian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 195553, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 195557, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 195559, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

# FIJI 330 - Advanced Language Proficiency Through Cultural Studies: Fijian

## Course Information

**Teaching Area (new)**
FIJI

**Course Number**
330

**Teaching Area**
FIJI

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Fijian

**Course Description**
Study of Fijian culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Fiji 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 195562, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 195564, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend

# FIJI 340 - Introduction to Literature: Fijian

## Course Information

**Teaching Area (new)**
FIJI

**Course Number**
340

**Teaching Area**
FIJI

**Course Title**
Introduction to Literature: Fijian

**Course Description**
Advanced study of Fijian literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FIJI 330 - Advanced Language Proficiency Through Cultural Studies: Fijian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 195569, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195566, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195568, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

| Title | Tags |
| --- | --- |
| Key Characteristics | 195571, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 195572, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 195575, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## FIJI 350 - Advanced Language Study for Career Purposes: Fijian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIJI | 350 |

**Teaching Area**
FIJI
**Course Title**
Advanced Language Study for Career Purposes: Fijian
**Course Description**
Concentration on Fijian language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## FIN 180 - Finance Recruitment Preparation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIN | 180 |

**Teaching Area**
FIN
**Course Title**
Finance Recruitment Preparation
**Course Description**
Preparation for students interested in pursuing internships and jobs in finance.
**Department**
Finance
**When Taught**
Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- FIJI 330 - Advanced Language Proficiency Through Cultural Studies: Fijian

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 195578, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 195579, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 195582, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 195585, 4 |

**Learning Outcome**
Communicate effectively at the advanced level in order to

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195587, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## FIN 200 - Personal Finance

### Course Information

**Teaching Area (new)**
FIN
**Course Number**
200
**Teaching Area**
FIN
**Course Title**
Personal Finance
**Course Description**
Practical course in money management and utilizing savings.
**Department**
Finance
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Analysis | 176032, 6 |

## FIN 201 - Principles of Finance

### Course Information

**Teaching Area (new)**
FIN
**Course Number**
201
**Teaching Area**
FIN
**Course Title**
Principles of Finance
**Course Description**
Financial management from the viewpoint of the business manager emphasizing profitability, liquidity, and long-range financial planning.
**Department**
Finance
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
1.5

**Recommended**

Learning Outcome
Learn investment tools, theory, and techniques that maximize potential return while minimizing downside risk.

| Title | Tags |
| --- | --- |
| Financial Perspective | 176063, 1 |

Learning Outcome
Understand a point-of-choice orientation to retirement planning and financial storehouse accumulation and maximum sharing opportunities.

| Title | Tags |
| --- | --- |
| Application | 176088, 7 |

Learning Outcome
Be able to protect financial assets from creditors and taxes.

| Title | Tags |
| --- | --- |
| Technologies | 176113, 5 |

Learning Outcome
Use state-of-the art financial technology and information sources.

| Title | Tags |
| --- | --- |
| Wealth Accumulation | 176149, 4 |

Learning Outcome
Focus on wealth accumulation potential of personal resource management.

| Title | Tags |
| --- | --- |
| Planning Strategies | 176184, 2 |

Learning Outcome
Utilize personal planning strategies that are behaviorally, spiritually, and financially efficient.

| Title | Tags |
| --- | --- |
| Estate Plan | 176211, 3 |

Learning Outcome
Develop an estate plan that produces legacy that thrives as assets are passed to future generations.

Acc 200

| Title | Tags |
| --- | --- |
| Financial Analysis | 176061, 2 |

Learning Outcome
Articulate how financial analysis can be used to influence decision making in a business environnment.

| Title | Tags |
| --- | --- |
| Financial Analysis Limitations | 176087, 3 |

Learning Outcome
Identify the limitations of financial analysis.

| Title | Tags |
| --- | --- |
| Basic Financial Tools | 176096, 1 |

Learning Outcome
Apply basic financial tools to evaluate the results of current operations and potential investment projects.

| Title | Tags |
| --- | --- |
| Understand Finance | 176290, 0 |

Learning Outcome
Be proficient in the Finance

## FIN 312 - Investments Academy

### Course Information

**Teaching Area (new)**
FIN

**Course Number**
312

**Teaching Area**
FIN

**Course Title**
Investments Academy

**Course Description**
Applying financial principles to practical investment problems and current events; understanding financial institutions, markets and their functions; insights into financial services and Wall Street professions.

**Department**
Finance

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- FIN 201 - Principles of Finance

**Additional Comments:**

| Title | Tags |
|---|---|
| Communication Skills | 176041, 0 |

**Learning Outcome**
Demonstrate effective analytic communication skills both orally and written.

## FIN 315R - Brigham Capital

### Course Information

**Course Number**
315R

**Teaching Area**
FIN

**Course Title**
Brigham Capital

**Course Description**
Team management of actual investment portfolio. Responsibility for identifying potential investments, modeling their financial value, and recommending portfolio actions.

**Department**
Finance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
1.5

| Title | Learning Outcome |
|---|---|
| Identify Investments | Identify target investment companies in public markets. |
| Financial Modeling | Model the value associated with a proposed target investment company. |
| Investment Action | Make a portfolio investment recommendation associated with the target investment company. |

| Title | Tags |
| --- | --- |
| Follow Markets | 176108, 0 |

Learning Outcome
Follow and evaluate markets like professional investors.

## FIN 326 - Professional Development for Finance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIN | 326 |

Teaching Area
FIN
Course Title
Professional Development for Finance
Course Description
Student development and preparation for careers in finance. Recruiting resources, services, and career development opportunities. Developing a career plan, refining interviewing and networking skills, and interacting individually with mentors and professionals.
Department
Finance
When Taught
Fall

### Credit Hours

Min
2
Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Other Prerequisites
Finance major status.

| Title | Learning Outcome |
| --- | --- |
| Communication | Communicate in oral and written form in a professional manner. |

| Title | Learning Outcome |
| --- | --- |
| Opportunities | Identify job opportunities in the financial system and how to secure an internship |

## FIN 401 - Advanced Financial Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIN | 401 |

Teaching Area
FIN
Course Title
Advanced Financial Management
Course Description
Capital budgeting, cost of capital, capital structure/dividends, mergers and acquisitions, and current financial problems.
Department
Finance
When Taught
Fall and Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ECON 110 - Economic Principles and Problems
  **AND** IS 110 - Spreadsheet Skills and Business Analysis

**Additional Comments:**

Other Prerequisites
Major status
Note
Part of the Finance Junior Core.

| Title | Learning Outcome |
| --- | --- |
| Awareness | Increase awareness of impact of behavior, networking, communication and actions on professional prospects and environments. |

| Title | Tags |
| --- | --- |
| Communication Abilities | 176045, 3 |

**Learning Outcome**
Students will improve their ability to communicate ideas orally and in writing.

| Title | Tags |
| --- | --- |
| Effective Usage of Corporate Funds | 176097, 1 |

**Learning Outcome**
Students will understand how to select the best use for funds that the corporation has. This includes being able to assess how much cash is generated from a project, being able to assess the risk involved with different investments, and being able to determine when funds should be returned to shareholders.

| Title | Tags |
| --- | --- |
| Spreadsheet Models | 176105, 2 |

**Learning Outcome**
Students will be able to use spreadsheet models effectively to help make financing and investment decisions.

| Title | Tags |
| --- | --- |
| Financing for a Corporation | 176115, 0 |

**Learning Outcome**
Students will understand how to provide financing for a corporation. This includes being able to forecast the company's needs for funds and being able to choose effectively from among many different sources of funds.

## FIN 402 - Managerial Finance for Non-Finance Majors

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIN | 402 |

**Teaching Area**
FIN
**Course Title**
Managerial Finance for Non-Finance Majors
**Course Description**

## FIN 409 - Equity Financial Modeling and Valuation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIN | 409 |

**Teaching Area**
FIN
**Course Title**
Equity Financial Modeling and Valuation
**Course Description**

Overview of financial management issues including capital budgeting, cost of capital, capital structure/dividends, and long-term financial planning.

**Department**
Finance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- FIN 201 - Principles of Finance

Prerequisites

**Complete ALL of the following Courses:**
- ACC 401 - Business and Accounting Information Systems

**Additional Comments:**

**Other Prerequisites**
Major status.

**Note**
Primarily for Accounting students. If there is capacity, Strategy students may request an add code from the MSB advisement center.

| Title | Tags |
| --- | --- |
| Excel Proficiency | 176040, 7 |

**Learning Outcome**
Effectively use Excel in all previous learning outcomes.

| Title | Tags |
| --- | --- |
| Cost of Capital | 176081, 5 |

\tHands-on opportunity to work with security markets and perform security analysis. Builds on theory of investment development in Fin 410.

**Department**
Finance

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FIN 410 - Investments

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Presenting Findings | 176031, 0 |

**Learning Outcome**
Present financial analysis and recommendations to the Asset Management team members and GFA Portfolio Managers.

| Title | Tags |
| --- | --- |
| Types of Financial Analysis | 176134, 0 |

**Learning Outcome**
Demonstrate an understanding of the types of analysis most prevalent in the finance industry (including industry analysis and company analysis).

| Title | Tags |
| --- | --- |
| Real-world Application | 176140, 0 |

Learning Outcome
Compute the cost of capital for a firm.

| Title | Tags |
| --- | --- |
| Financial Forecasting | 176092, 1 |

Learning Outcome
Construct a financial forecast for a firm.

| Title | Tags |
| --- | --- |
| Bonds and Stocks | 176111, 3 |

Learning Outcome
Value bonds and stocks.

| Title | Tags |
| --- | --- |
| Capital Budgeting | 176117, 4 |

Learning Outcome
Make corporate investment decisions using capital budgeting.

| Title | Tags |
| --- | --- |
| Performance Evaluation of a Firm | 176119, 0 |

Learning Outcome
Use fundamental analysis to conduct a firm performance evaluation.

| Title | Tags |
| --- | --- |
| Solving Financial Problems | 176123, 2 |

Learning Outcome
Employ time value of money to solve complex finance problems.

| Title | Tags |
| --- | --- |
| Firm Valuation | 176189, 6 |

Learning Outcome
Know how to value a firm.

Learning Outcome
Apply financial concepts and theories to real-world companies.

| Title | Tags |
| --- | --- |
| Financial Research | 176141, 0 |

Learning Outcome
Conduct company financial research, analysis, reporting, and valuation.

| Title | Tags |
| --- | --- |
| Security Analysis | 176160, 0 |

Learning Outcome
Demonstrate a grasp of key areas of security analysis.

## FIN 410 - Investments

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIN | 410 |

## FIN 411 - Financial Derivatives

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIN | 411 |

**Teaching Area**
FIN
**Course Title**
Investments
**Course Description**
Security markets, security analysis, and portfolio management.
**Department**
Finance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 118 - Finite Mathematics
  **AND** STAT 121 - Principles of Statistics
  **AND** ECON 110 - Economic Principles and Problems

**Additional Comments:**

**Other Prerequisites**
Finance major status

| Title | Tags |
|---|---|
| Calculating Value | 176046, 4 |

**Learning Outcome**
Be able to calculate an estimate of firm or share value using both discounted cash flow techniques and relative valuation.

| Title | Tags |
|---|---|
| Equity and Debt Securities | 176146, 0 |

**Learning Outcome**
Learn about equity and debt securities and the markets in which they trade.

**Teaching Area**
FIN
**Course Title**
Financial Derivatives
**Course Description**
Current investment literature, efficient markets, modern portfolio theory, capital assets pricing, options pricing theory with a focus on derivatives and fixed income strategies.\t
**Department**
Finance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FIN 410 - Investments

**Additional Comments:**

| Title | Tags |
|---|---|
| Industry Analysis | 176048, 1 |

**Learning Outcome**
Be capable of analyzing an industry/company.

| Title | Tags |
|---|---|
| Global Macro Analysis | 176109, 0 |

**Learning Outcome**
Understand and be capable of discussing global macro analysis.

| Title | Tags |
|---|---|
| Company-Level Financial | |

which they trade.

| Title | Tags |
| --- | --- |
| Portfolio Creation | 176157, 2 |

**Learning Outcome**
Be able to create an "efficient" portfolio with optimal risk-return characteristics.

| Title | Tags |
| --- | --- |
| Measuring Risk and Returns | 176158, 1 |

**Learning Outcome**
Be able to use quantitative approaches to measure risk and returns in a portfolio setting.

| Title | Tags |
| --- | --- |
| Calculating Expected Returns | 176177, 3 |

**Learning Outcome**
Be able to calculate the expected returns using the CAPM and to describe other common asset pricing models.

| Analysis | 176175, 2 |
| --- | --- |

**Learning Outcome**
Analyze and present the financial needs of a company.

## FIN 413 - Real Estate Finance and Investment

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIN | 413 |

**Teaching Area**
FIN
**Course Title**
Real Estate Finance and Investment
**Course Description**
Terminology, concepts, principles, and analytical techniques related to financing of and investment in real estate.
**Department**
Finance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

## FIN 414 - Real Estate Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FIN | 414 |

**Teaching Area**
FIN
**Course Title**
Real Estate Development
**Course Description**
Applying financial and real estate principles to practical property investments; insights into the real estate profession.
**Department**
Finance
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FIN 401 - Advanced Financial Management

**Additional Comments:**

Other Prerequisites
Finance junior core

| Title | Tags |
|---|---|
| Real Estate Analytical Skills | 176057, 2 |

Learning Outcome
Become proficient in the analytical skills required in the real estate industry, including: investment analysis, and valuation techniques.

| Title | Tags |
|---|---|
| Real Estate Concepts | 176130, 0 |

Learning Outcome
Identify, describe, and understand important property rights, legal descriptions, and real estate contracts.

| Title | Tags |
|---|---|
| Ethical Dilemmas | 176166, 3 |

Learning Outcome
Evaluate ethical dilemmas in real estate.

| Title | Tags |
|---|---|
| Alternative Mortgage Finance Products | 176213, 1 |

Learning Outcome
Become acquainted with and understand the characteristics and attributes of alternative mortgage finance products and calculate effective interest rates.

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- FIN 413 - Real Estate Finance and Investment

**Additional Comments:**

| Title | Tags |
|---|---|
| Development Process | 175507, 1 |

Learning Outcome
Identify, describe, and understand the development process.

| Title | Tags |
|---|---|
| Development Potential | 175508, 2 |

Learning Outcome
Correctly evaluate the development potential of alternative property types.

| Title | Tags |
|---|---|
| Development Proposals | 175509, 3 |

Learning Outcome
Present a real estate development proposal in both written and oral form.

# FIN 415R - Silver Fund

## Course Information

**Teaching Area (new)**
FIN

**Course Number**
415R

**Teaching Area**
FIN

**Course Title**
Silver Fund

**Course Description**
Team management of actual investment portfolio. Responsibility for identifying potential investments, modeling their financial value, and recommending portfolio actions.

**Department**
Finance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
1.5

| Title | Learning Outcome |
|---|---|
| Identify Investments | Identify target investment companies in public markets. |
| Financial Modeling | Model the value associated with a proposed target investment company. |
| Investment Action | Make a portfolio investment recommendation associated with the target investment company. |

# FIN 416 - Real Estate Capital Markets & Investment

## Course Information

**Course Number**
416

**Teaching Area**
FIN

**Course Title**
Real Estate Capital Markets & Investment

**Course Description**
Real estate capital markets, asset classes, investments, gateway, secondary and tertiary markets, demand drivers, deal structure, and transaction processes. Intuition development for early stage real estate career.

**Department**
Finance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

**Complete ANY of the following Courses:**
- FIN 413 - Real Estate Finance and Investment
-

**Additional Comments:**

| Title | Learning Outcome |
|---|---|
| Investment Decisions | Articulate the demand drivers behind real estate investment decisions. |
| Investment Viability | Evaluate real estate deals and determine whether or not the deal is a viable opportunity. |
| | Learning Outcome |

| Title | Learning Outcome |
| --- | --- |
| Portfolio | Develop a real estate thesis and portfolio proposal, and pitch your proposal. |

| Title | Learning Outcome |
| --- | --- |
| Staying Informed | Identify various resources available to stay abreast of developments in current real estate markets. |

## FIN 418 - Financial Planning

### Course Information

**Teaching Area (new)**
FIN
**Course Number**
418
**Teaching Area**
FIN
**Course Title**
Financial Planning
**Course Description**
Applying financial principles to household decision making, stressing integration between areas. Income tax and estate planning, retirement, investments, portfolio management, and risk management.
**Department**
Finance
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- FIN 201 - Principles of Finance

## FIN 420 - Fixed Income Asset Management, Structured Products, and Risk

### Course Information

**Teaching Area (new)**
FIN
**Course Number**
420
**Teaching Area**
FIN
**Course Title**
Fixed Income Asset Management, Structured Products, and Risk
**Course Description**
Bonds as fundamental instruments of markets determining interest rates, including the wide array of instruments that are derivatives of bonds, rates, currencies, structured products and credit. Equilibrium pricing, arbitrage pricing, and financial engineering.
**Department**
Finance
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

**Additional Comments:**

**Other Prerequisites**
Any business major status.

| Title | Tags |
|---|---|
| Fin 418 Learning Outcomes | 210532, 0, 3 |

**Learning Outcome**
Students will become proficient enough in the following areas to prepare them for the Certified Financial Planner exam:
Professional conduct and regulation
General financial planning principles
Education planning
Risk management and insurance planning
Investment planning
Tax planning
Retirement savings and income planning
Estate planning
All will be measured through quizzes and two exams.

- FIN 410 - Investments

**Additional Comments:**

| Title | Tags |
|---|---|
| Fixed-income securities | 213806, 0, 1, 2023-08-29 09:05:27 |

**Learning Outcome**
Identify and analyze features and risks of the major classes of fixed-income securities

| Title | Tags |
|---|---|
| Structured finance securities | 213807, 0, 2, 2023-08-29 09:05:28 |

**Learning Outcome**
Identify and analyze the major features of structured finance securities

| Title | Tags |
|---|---|
| Analyze issuer and investor needs | 213808, 0, 3, 2023-08-29 09:05:43 |

**Learning Outcome**
Analyze the issuer and investor needs and risks when creating and investing in fixed-income securities

## FIN 425 - Private Equity and Venture Capital

### Course Information

**Teaching Area (new)**
FIN
**Course Number**
425
**Teaching Area**
FIN
**Course Title**
Private Equity and Venture Capital
**Course Description**
Introduction to the private equity (PE) and venture capital markets, focusing almost exclusively on the American setting for these markets. Students will learn how PE and VC markets function, how PE and VC companies source their deals, and the valuation and forecasting models they use to make decisions. Exposure to examples of real-life transactions executed by PE and VC firms.
**Department**
Finance
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

## FIN 432 - International Finance

### Course Information

**Teaching Area (new)**
FIN
**Course Number**
432
**Teaching Area**
FIN
**Course Title**
International Finance
**Course Description**
Investor and corporate financial decision making in international financial markets. Financial aspects of multinational corporations. Foreign exchange markets including pricing, exchange rate regimes, government intervention and hedging. International debt and equity financing.
**Department**
Finance
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FIN 401 - Advanced Financial Management

**Additional Comments:**

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ANY of the following Courses:**
- FIN 401 - Advanced Financial Management
  **OR** FIN 402 - Managerial Finance for Non-Finance Majors
  **OR** FIN 520 - Business Finance

**Additional Comments:**

| Title | Tags |
|---|---|
| Government Actions | 176099, 4 |

**Learning Outcome**
Explain how government actions influence FX rates and how to gain information from balance of payment data.

| Title | Tags |
|---|---|
| Evaluating Available Financing | 176144, 2 |

**Learning Outcome**
Evaluate various sources of financing available to the global firm, comparing international and domestic choices.

| Title | Tags |
|---|---|
| Foreign Exchange | 176182, 1 |

**Learning Outcome**
Determine how foreign exchange impacts a company, what drives FX and how to hedge it.

| Title | Tags |
|---|---|
| Entering the International Arena | 176197, 1 |

**Learning Outcome**
Analyze the added levels of complexity when a company enters the international arena.

## FIN 436 - Python and Finance

### Course Information

**Course Number**
436
**Teaching Area**
FIN
**Course Title**
Python and Finance
**Course Description**
Python tools for analyzing financial problems. Thinking programatically. Coding and financial applications.
**Department**
Finance
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

**Other Prerequisites**
Finance faculty approval.

| Title | Learning Outcome |
|---|---|
| Programming | Program comfortably in Python within a basic environment; write a variety of simple programs. |
| Python Components | Utilize basic data types, containers, and language elements of Python. |
| Excel Integration | Use added flexibility of Python over and with Excel in financial scenarios. |

## FIN 451 - Decentralized Finance

### Course Information

**Course Number**
451
**Teaching Area**
FIN
**Course Title**
Decentralized Finance
**Course Description**
Financial infrastructure built on blockchain networks. Digital signatures, consensus mechanisms, smart contracts, cryptocurrencies and architecture, decentralized exchange, lending protocols, decentralized derivatives, and asset tokenization.
**Department**
Finance
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

**Complete ANY of the following Courses:**
- FIN 201 - Principles of Finance
- FIN 402 - Managerial Finance for Non-Finance Majors
- FIN 520 - Business Finance
- MBA 520 - Business Finance

**Additional Comments:**

| Title | Learning Outcome |
|---|---|
| Blockchain | Explain the technology underlying blockchain networks. |
| Payments | Demonstrate effective utilization of digital wallets to make payments and interact with decentralized exchanges and lending protocols. |

| Title | Learning Outcome |
| --- | --- |
| Profitability | Evaluate the profitability of staking, mining, and liquidity provision. |

| Title | Learning Outcome |
| --- | --- |
| Design | Evaluate the different design choices in creating different types of tokens and DeFi protocols. |

| Title | Learning Outcome |
| --- | --- |
| Technologies | Identify current technologies for mitigating the negative effects of arbitrage on blockchain networks. |

## FIN 453 - Money, Banking, and Business

### Course Information

**Teaching Area (new)**
FIN

**Course Number**
453

**Teaching Area**
FIN

**Course Title**
Money, Banking, and Business

**Course Description**
Economic analysis of effects of money, banking, and financial institutions on business decisions and aggregate economic activity.

**Department**
Finance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## FIN 480R - Finance Society Leadership

### Course Information

**Course Number**
480R

**Teaching Area**
FIN

**Course Title**
Finance Society Leadership

**Course Description**
Training for finance society association leadership. Includes active collaboration, working with professionals, faculty advisors and other students.

**Department**
Finance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ECON 110 - Economic Principles and Problems

**Additional Comments:**

**Other Prerequisites**
Major status.
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Financial Intermediaries | 176089, 2 |

**Learning Outcome**
Understand the function and management of financial intermediaries.

| Title | Tags |
|---|---|
| Trade and Exchange Rates | 176094, 4 |

**Learning Outcome**
Understand trade and exchange rates.

| Title | Tags |
|---|---|
| Stocks and US Treasuries | 176156, 1 |

**Learning Outcome**
Understand differential spot, forward & derivatives, futures and options markets, with specific application to stocks and US Treasuries.

| Title | Tags |
|---|---|
| Understanding Banking Concepts | 176161, 0 |

**Learning Outcome**
Understand interest rates, rate determination and discounted present value.

| Title | Tags |
|---|---|
| Aggregate Economics | 176162, 3 |

**Learning Outcome**
Understand basic aggregate economics: actual and potential supply and actual demand and

0.5

| Title | Learning Outcome |
|---|---|
| Collaboration | Show increased awareness of other associations outside of their primary area of focus. |

| Title | Learning Outcome |
|---|---|
| Planning | Plan, execute and coordinate events and student-focused activities across organizations. |

| Title | Learning Outcome |
|---|---|
| Leadership development | Develop ability to lead organizations and interact with professionals with little oversight. |

their implication for growth, employment and inflation.

## FIN 487R - Capital Markets Academy

### Course Information

**Teaching Area (new)**
FIN

**Course Number**
487R

**Teaching Area**
FIN

**Course Title**
Capital Markets Academy

**Course Description**
Teams work on live, market-sensitive projects for financial services, including private equity, private wealth, insurance companies, and asset management.

**Department**
Finance

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

**Title**
Application

**Tags**
175519, 1

**Learning Outcome**
Students will participate in the Capital Markets Academy.

## FIN 490R - Topics in Finance

### Course Information

**Teaching Area (new)**
FIN

**Course Number**
490R

**Teaching Area**
FIN

**Course Title**
Topics in Finance

**Course Description**
Current finance-related topics varying by semester and section.

**Department**
Finance

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Title**
Knowledge

**Tags**
175520, 1

**Learning Outcome**
Students will deepen their understanding of topics in finance.

## FIN 510 - CFA Preparation

### Course Information

**Teaching Area (new)**
FIN

**Course Number**
510

**Teaching Area**
FIN

**Course Title**
CFA Preparation

**Course Description**
Preparation to take Level I of the Chartered Financial Analyst (CFA) Exam. Topics covered on the exam, and with which students will be able to demonstrate strong proficiency, include: corporate finance, economics, financial reporting and analysis, quantitative methods, alternative investments, derivatives, equity investments, fixed income, and portfolio management and wealth planning.

**Department**
Finance

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FIN 201 - Principles of Finance

**Additional Comments:**

**Other Prerequisites**
Fin 401, 410, 453, Acc 305.

## FIN 520 - Business Finance

### Course Information

**Teaching Area (new)**
FIN

**Course Number**
520

**Teaching Area**
FIN

**Course Title**
Business Finance

**Course Description**
Short-term financing of a business operation. Developing techniques for financial planning, such as analysis of ratios, profitability, and liquidity.

**Department**
Finance

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FIN 201 - Principles of Finance

**Additional Comments:**

**Other Prerequisites**
MAcc or MISM major status.

## FIN 585R - Pre-PhD Finance Seminar

### Course Information

**Teaching Area (new)**

**Course Number**

## FINN 101 - First-Year Finnish

### Course Information

**Teaching Area (new)**

**Course Number**

FIN
585R

**Teaching Area**
FIN

**Course Title**
Pre-PhD Finance Seminar

**Course Description**
Introduction to asset pricing theory using both analytical and numerical methods. Coverage includes the Capital Asset Pricing Model and Stochastic Discount Factor models. The empirical method of Generalized Method of Moments (GMM) is also introduced.

**Department**
Finance

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Asset Pricing | 175510, 1 |

**Learning Outcome**
Students will be able to understand the fundamental theorem of asset pricing and the consumption-based asset pricing model.

| Title | Tags |
| --- | --- |
| Empirical Identification | 175511, 2 |

**Learning Outcome**
Students will be able to understand the issues surrounding identification in empirical research.

| Title | Tags |
| --- | --- |
| Simple Stochastic Processes | 175512, 3 |

**Learning Outcome**
Students will be able to specify a simple stochastic process for dividends and solve the

FINN
101

**Teaching Area**
FINN

**Course Title**
First-Year Finnish

**Course Description**
Basic language skills.

**Department**
Language Studies

**When Taught**
Fall Even Years

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Language Learning Strategies | 190304, 3 |

**Learning Outcome**
Students will develop comprehension and learning strategies to help them derive meaning from a wide variety of authentic language texts.

| Title | Tags |
| --- | --- |
| Writing | 190325, 2 |

**Learning Outcome**
Students will be able to write short messages and well-articulated sentences in Finnish on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 190337, 4 |

**Learning Outcome**
Students will display appropriate awareness of everyday culture in Finnish-speaking countries.

corresponding PDE for price.

| Title | Tags |
| --- | --- |
| Black-Scholes | 175513, 4 |

**Learning Outcome**
Students will be abel to derive the Black-Scholes PDE.

| Title | Tags |
| --- | --- |
| Market Efficiency | 175514, 5 |

**Learning Outcome**
Understand basic principles of market efficiency.

| Title | Tags |
| --- | --- |
| Portfolio Optimization | 175515, 6 |

**Learning Outcome**
Understand the mean-variance mathematics as it relates to portfolio optimization.

| Title | Tags |
| --- | --- |
| Asset Pricing | 175516, 7 |

**Learning Outcome**
Understand factor models and be able to implement time series and cross-sectional tests of asset pricing models used in financial research.

| Title | Tags |
| --- | --- |
| Comprehension | 190349, 0 |

**Learning Outcome**
Students will comprehend Finnish as they hear and read authentic language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 190544, 1 |

**Learning Outcome**
Students will be able to speak Finnish well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, obtain food and lodging, carry out simple transactions, and talk about a variety of topics of common interest primarily in the present, with limited use of other time frames.)

## FINN 102 - First-Year Finnish

### Course Information

**Teaching Area (new)**
FINN
**Course Number**
102
**Teaching Area**
FINN
**Course Title**
First-Year Finnish
**Course Description**
Basic language skills.
**Department**
Language Studies
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
4

## FINN 201 - Second-Year Finnish

### Course Information

**Teaching Area (new)**
FINN
**Course Number**
201
**Teaching Area**
FINN
**Course Title**
Second-Year Finnish
**Course Description**
Conversation, vocabulary building, and reading and writing skills, emphasizing reading.
**Department**
Language Studies
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
4

Fixed
4

## Lecture Hours

Fixed
5

## Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Speaking | 190275, 1 |

Learning Outcome
Students will be able to speak Finnish well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.)

| Title | Tags |
| --- | --- |
| Comprehension | 190422, 0 |

Learning Outcome
Students will be able to comprehend Finnish as they hear and read authentic language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Language Learning Strategies | 190428, 3 |

Learning Outcome
Students will develop strategies to help them derive meaning from a wide variety of authentic language texts.

| Title | Tags |
| --- | --- |
| Culture | 190483, 4 |

Learning Outcome
Students will display appropriate awareness of everyday culture in Finnish-speaking countries.

| Title | Tags |
| --- | --- |
| Writing | 190529, 2 |

Fixed
4

## Lecture Hours

Fixed
5

## Lab Hours

Fixed
1

Other Prerequisites
Finn 102 or equivalent experience

| Title | Tags |
| --- | --- |
| Opinions | 190312, 3 |

Learning Outcome
Students will be able to begin expressing and supporting opinions about familiar topics.

| Title | Tags |
| --- | --- |
| Comprehension | 190559, 0 |

Learning Outcome
Students will be able to comprehend Finnish as they hear and read authentic language relating to familiar topics with strategies to even derive meaning out of less familiar topics.

| Title | Tags |
| --- | --- |
| Speaking and Writing | 190583, 1 |

Learning Outcome
Students will be able to speak and write Finnish well enough to satisfy immediate needs. (Students will learn to communicate in social situations asking and answering questions, carrying out transactions, and talking about a variety of topics of common interest in present, past, and future times.)

| Title | Tags |
| --- | --- |
| Conversation | 190593, 2 |

Learning Outcome
Students will be able to participate actively in conversations about Finnish-

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Finnish on familiar topics.

speaking countries, concrete topics, and current events.

## FINN 202 - Second Year Finnish

### Course Information

Teaching Area (new)
FINN

Course Number
202

Teaching Area
FINN

Course Title
Second Year Finnish

Course Description
Emphasis on literature and culture with continued writing, grammar, listening, and speaking.

Department
Language Studies

When Taught
Winter Even Years

#### Credit Hours

Min
4

Fixed
4

#### Lecture Hours

Fixed
5

#### Lab Hours

Fixed
1

Note
Culminating course for GE Foreign Language requirement (except for returned missionaries or those with equivalent experience).

Title
Comprehension

Tags
190240, 1

Learning Outcome
Students will be able to comprehend Finnish as they hear and read authentic language relating to familiar and less familiar topics.

Title

Tags

## FINN 211R - Second-Year Conversation

### Course Information

Teaching Area (new)
FINN

Course Number
211R

Teaching Area
FINN

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills.

Department
Comparative Arts &Letters

When Taught
Contact Department

#### Credit Hours

Min
0.5

Fixed
5

Other Prerequisites
Finn 102 or equivalent experience

Title
Vocabulary

Tags
190347, 3

Learning Outcome
Students will speak in a way so as to be understood most of the time without difficulty by native speakers unaccustomed to dealing with non-native speakers.

Title
Fluency

Tags
190502, 2

Learning Outcome
Students will be able to use an appropriate variety of vocabulary related to autobiographical and concrete topics.

Title
Opinions

Tags
190569, 1

Learning Outcome
Students will be able to speak

| Speaking and Writing | 190246, 2 |
|---|---|

**Learning Outcome**
Students will improve their reading and writing skills in Finnish by beginning to communicate in connected and extended discourse, expressing and supporting opinion, and navigating less-familiar topics and situations.

| Title | Tags |
|---|---|
| Literature and Cultural History | 190566, 0 |

**Learning Outcome**
Students will be able to identify and define key characteristics of the important moments in Finnish cultural history and place significant works in a meaningful cultural and historical context using the basic tools of literary analysis.

| Title | Tags |
|---|---|
| Finnish Culture | 191518, 4 |

**Learning Outcome**
Students will broaden and deepen their perception and appreciation of Finnish culture.

about autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions, and cope with gaps in knowledge.

| Title | Tags |
|---|---|
| Description and Narration | 190596, 0 |

**Learning Outcome**
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

## FINN 311R - Third-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| FINN | 311R |

**Teaching Area**
FINN
**Course Title**
Third-Year Conversation
**Course Description**
Advanced conversational skills.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Other Prerequisites**
Finn 211R or equivalent experience

## FINN 321 - Third-Year Finnish

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| FINN | 321 |

**Teaching Area**
FINN
**Course Title**
Third-Year Finnish
**Course Description**
Third-year course in Finnish. Developing intermediate language skills in speaking, reading, listening, and writing as defined by ACTFL standards.
**Department**
Language Studies
**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

| Title | Tags |
| --- | --- |
| Pronunciation | 190231, 4 |

**Learning Outcome**
Students will speak in a way so as to be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Vocabulary | 190286, 3 |

**Learning Outcome**
Students will be able to speak using an appropriate variety of vocabulary related to autobiographical and concrete topics as well as to current and other events.

| Title | Tags |
| --- | --- |
| Fluency | 190306, 2 |

**Learning Outcome**
Students will be able to initiate and maintain fluent conversations and cope with gaps in knowledge in contexts related to concrete topics.

| Title | Tags |
| --- | --- |
| Opinions | 190366, 1 |

**Learning Outcome**
Students will be able to relate current events, plots of books or movies, and state opinion.

| Title | Tags |
| --- | --- |
| Description and Narration | 190498, 0 |

**Learning Outcome**
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

## FINN 340 - Finnish Literature

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Finn 202 or equivalent experience.
**Note**
Entry course for returned missionaries or others with equivalent Finnish language experience. Required course for obtaining language credit by examination (Finn 101, 102, 201, 211R).

| Title | Tags |
| --- | --- |
| Intermediate Functions in Writing and Speech | 190622, 1 |

**Learning Outcome**
Students will develop their ability to narrate and describe in the present, begin using connected discourse, and learn to manage complications in the language through communicative strategies, all with only slight gaps in communication.

| Title | Tags |
| --- | --- |
| Critical Thinking | 190623, 2 |

**Learning Outcome**
Students employ proper grammatical, lexical, phonological, and stylistic features of intermediate-level Finnish in descriptive and narrative texts as well as in producing basic analyses.

| Title | Tags |
| --- | --- |
| Advanced Functions in Speech and Writing | 190624, 3 |

**Learning Outcome**
Students will develop partial control of their ability to narrate and describe in the past and future with connected discourse.

## FINN 399R - Academic Internship

## Course Information

**Teaching Area (new)**
FINN

**Course Number**
340

**Teaching Area**
FINN

**Course Title**
Finnish Literature

**Course Description**
Readings in Finnish literature; introduction to basic literary concepts. Includes International Cinema.

**Department**
Language Studies

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Finn 321 or equivalent experience

**Note**
Culminating course for GE Foreign Language requirement.

| Title | Tags |
| --- | --- |
| Cultural Awareness and Self-Reflection | 190032, 2 |

**Learning Outcome**
Students should be able to relate the ideas and issues raised by the works we study in class to the students' own socio-historical moment as well as to their experiences with contemporary Finnish culture and even value the expression of perspectives and opinions they do not necessarily share.

| Title | Tags |
| --- | --- |
| Writing in Finnish | 190033, 3 |

**Learning Outcome**
Students should begin to understand how to write and present well-organized, focused

## Course Information

**Teaching Area (new)**
FINN

**Course Number**
399R

**Teaching Area**
FINN

**Course Title**
Academic Internship

**Course Description**
On-the-job experience in Finnish.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Department's consent

| Title | Tags |
| --- | --- |
| Professional Experience | 190629, 1 |

**Learning Outcome**
Improve professional experience and appreciation of cultural practices in an international context.

analyses interpreting literary texts and other cultural artifacts in Finnish.

| Title | Tags |
| --- | --- |
| Future Learning | 190034, 4 |

**Learning Outcome**
Students should better know how to understand, interpret, and thoughtfully reflect upon the literature and art they will encounter in later life.

| Title | Tags |
| --- | --- |
| Cultural Literacy | 190599, 0 |

**Learning Outcome**
Students should understand key trends and works from Finnish culture, recognize connections between these works, and be able to relate them to the development of contemporary Finnish culture and other cultural traditions.

## FLANG 100R - Language Study

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 100R |

**Teaching Area**
FLANG
**Course Title**
Language Study
**Course Description**
Survival-level conversation, reading, listening, and culture skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

## FLANG 101R - First-Year Language Study

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 101R |

**Teaching Area**
FLANG
**Course Title**
First-Year Language Study
**Course Description**
Beginning speaking, listening, reading, and writing skills.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 211960, 0, 4 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 211961, 0, 5 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 211962, 0, 6 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 211963, 0, 2 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 211964, 0, 3 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 211965, 0, 4 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 211966, 0, 5 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## FLANG 102R - First-Year Language Study

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 102R |

Teaching Area
FLANG
Course Title
First-Year Language Study
Course Description
Second-semester speaking, listening, reading, and writing skills.
Department
Language Studies
When Taught

## FLANG 201R - Second-Year Language Study

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 201R |

Teaching Area
FLANG
Course Title
Second-Year Language Study
Course Description
Intermediate speaking, listening, reading, and writing skills.
Department
Language Studies
When Taught

When Taught
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FLANG 101R - First-Year Language Study

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Culture | 194304, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
|---|---|
| Speaking | 194565, 1 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 194567, 3 |

**Learning Outcome**
In the target language, write short, simple messages

When Taught
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FLANG 102R - First-Year Language Study

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Vocabulary | 193958, 4 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Elaboration | 193995, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Grammar | 193997, 3 |

**Learning Outcome**
Review and increase

short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Comprehension | 194598, 2 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 193998, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## FLANG 202R - Second-Year Language Study

### Course Information

**Teaching Area (new)**
FLANG
**Course Number**
202R
**Teaching Area**
FLANG
**Course Title**
Second-Year Language Study
**Course Description**
Continued emphasis on communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- FLANG 201R - Second-Year Language Study

## FLANG 211R - Intermediate Conversation

### Course Information

**Teaching Area (new)**
FLANG
**Course Number**
211R
**Teaching Area**
FLANG
**Course Title**
Intermediate Conversation
**Course Description**
Intermediate conversation skills. Continued development of conversation skills in the target language. Vocabulary building and conversation practice.
**Department**
Language Studies
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Additional Comments:**

**Other Prerequisites**
Teacher may waive prerequisite based on prior experience.
**Note**
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
| --- | --- |
| General Education Requirements | 193459, 4 |

**Learning Outcome**
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements.

| Title | Tags |
| --- | --- |
| Communication Skills | 194521, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 194522, 2 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 194523, 4 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

## FLANG 276 - Exploration of Teaching Foreign Languages

### Course Information

**Teaching Area (new)**
FLANG

**Course Number**
276

**Teaching Area**
FLANG

**Course Title**
Exploration of Teaching Foreign Languages

**Course Description**
Field-based exposure to practices, demands, and issues associated with teaching foreign languages in public secondary schools.

**Department**
Language Studies

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Other Prerequisites**
FBI fingerprint and background clearance

| Title | Tags | Learning Outcome |
|---|---|---|
| Decision | 192172, 2 | Determine if pursuing a personal career in foreign language teaching in public secondary schools is the correct decision. |
| Awareness | 192173, 4 | Have a developing awareness of what foreign-language students should know and be able to do and of good foreign-language teaching practice. |

## FLANG 300 - Foundations of Dual Language and Immersion Education

### Course Information

**Teaching Area (new)**
FLANG

**Course Number**
300

**Teaching Area**
FLANG

**Course Title**
Foundations of Dual Language and Immersion Education

**Course Description**
Historical overview, theoretical and research foundations for dual language and immersion education; practical application of theory and research in immersion programs.

**Department**
Language Studies

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Be admitted to a teaching major and pass an Oral Proficiency Interview at the Advanced Mid level or better.

| Title | Tags | Learning Outcome |
|---|---|---|
| Discuss theory and research | 193244, 0 | Discuss theoretical principles and research findings that underlie dual language and immersion education |
| Explain program models | 193245, 1 | Explain differences and similarities between one-way, two-way, developmental bilingual and indigenous language immersion programs |

| Title | Tags |
| --- | --- |
| Purposes | 192174, 6 |

**Learning Outcome**
Discuss the public purposes of education, related social and political issues, and the benefits of speaking a foreign language.

| Title | Tags |
| --- | --- |
| Motivations | 192175, 8 |

**Learning Outcome**
Articulate personal motivations for becoming a teacher, as well as recognize potential strengths and weaknesses as a teacher.

| Title | Tags |
| --- | --- |
| Summarize language learning principles | 193246, 2 |

**Learning Outcome**
Summarize key principles of first and second language learning in dual language and immersion classrooms

| Title | Tags |
| --- | --- |
| Discuss social and political contexts | 193247, 3 |

**Learning Outcome**
Discuss the social and political contexts for dual language education and their implications for classrooms and programs

| Title | Tags |
| --- | --- |
| Synthesize lessons from different programs | 193248, 4 |

**Learning Outcome**
Synthesize lessons that can be learned from dual language and immersion programs around the world

## FLANG 301 - Content-Based Curriculum, Instruction, and Assessment in Dual Language Immersion Classrooms

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 301 |

**Teaching Area**
FLANG
**Course Title**
Content-Based Curriculum, Instruction, and Assessment in Dual Language Immersion Classrooms
**Course Description**
Planning for integration of academic content, language, and culture in K-12 dual language immersion classrooms. Managing immersion classrooms, selecting and modifying materials, differentiating instruction, and assessing learning.
**Department**
Language Studies
**When Taught**
Winter

### Credit Hours

**Min**

## FLANG 302 - Biliteracy Development in Dual Language Immersion Classrooms

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 302 |

**Teaching Area**
FLANG
**Course Title**
Biliteracy Development in Dual Language Immersion Classrooms
**Course Description**
Integration of theory, research-based best practices, and instructional strategies to support teachers in developing, scaffolding, differentiating, and assessing literacy learning for language majority and minority students in dual language immersion contexts.
**Department**
Language Studies
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**

3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FLANG 300 - Foundations of Dual Language and Immersion Education

**Additional Comments:**

**Other Prerequisites**
Be admitted to a teaching major and pass an Oral Proficiency Interview with a rating of Advanced Mid or better.

| Title | Tags |
|---|---|
| Identify Objectives | 212176, 0, 1 |

**Learning Outcome**
Identify appropriate objectives for the learning of academic content and language that correspond to state or district curriculum guidelines and student proficiency levels.

| Title | Tags |
|---|---|
| Plan Instruction | 212177, 0, 2 |

**Learning Outcome**
Plan and scaffold instruction that integrates academic content and language, providing opportunities for student output that elicits specific language functions and forms.

| Title | Tags |
|---|---|
| Design Curriculum | 212178, 0, 3 |

**Learning Outcome**
Select, design, and modify curriculum and materials for use in immersion programs.

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- FLANG 300 - Foundations of Dual Language and Immersion Education

**Additional Comments:**

**Other Prerequisites**
Be admitted to a teaching major and pass an Oral Proficiency Interview at the Advanced Mid level or better.

| Title | Tags |
|---|---|
| Plan Biliteracy Instruction | 212184, 0, 2 |

**Learning Outcome**
Plan, implement, and scaffold biliteracy instruction that emphasizes the development of vocabulary and academic language using best practices.

| Title | Tags |
|---|---|
| Select Appropriate Learning Strategies | 212183, 0, 1 |

**Learning Outcome**
Select developmentally appropriate instructional materials and strategies to facilitate the development of reading and writing skills in two languages.

| Title | Tags |
|---|---|
| Differentiate Literacy Instruction | 212185, 0, 3 |

**Learning Outcome**
Differentiate literacy instruction for struggling learners according to the linguistic and cultural backgrounds of language majority and minority students

majority and minority students.

| Title | Tags |
| --- | --- |
| Differentiate Instruction | 212179, 0, 4 |

**Learning Outcome**
Differentiate instruction for language majority and minority students and for struggling learners

| Title | Tags |
| --- | --- |
| Manage the Classroom | 212180, 0, 5 |

**Learning Outcome**
Manage the classroom in the immersion language, making input comprehensible and sustaining a clear and consistent separation of languages

| Title | Tags |
| --- | --- |
| Implement Assessments | 212181, 0, 6 |

**Learning Outcome**
Implement formative and summative assessments of academic content and language learning, and use assessment results to inform instruction.

| Title | Tags |
| --- | --- |
| Assess | 212186, 0, 4 |

**Learning Outcome**
Assess students' progress in reading and writing in two languages and use assessment results to inform instruction.

## FLANG 305R - Language Skills Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 305R |

**Teaching Area**
FLANG
**Course Title**
Language Skills Development
**Course Description**
Increasing proficiency in one or more of the following target-language or target-culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**

## FLANG 311R - Advanced Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 311R |

**Teaching Area**
FLANG
**Course Title**
Advanced Conversation
**Course Description**
Advanced conversation skill across a variety of topics with a focus on improving language production.
**Department**
Language Studies
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

Instructor's consent.

| Title | Tags |
| --- | --- |
| Communication Skills | 195421, 3 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195422, 4 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 194007, 2 |

**Learning Outcome**
Develop the specific language skill to the level required to meet the "special" foreign-language need defined by the Center for Language Studies.

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

## FLANG 321R - Advanced Grammar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 321R |

**Teaching Area**
FLANG
**Course Title**
Advanced Grammar
**Course Description**
Systematic review of grammar and syntax of target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**

## FLANG 330R - Advanced Language Proficiency Through Cultural Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 330R |

**Teaching Area**
FLANG
**Course Title**
Advanced Language Proficiency Through Cultural Studies
**Course Description**
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- FLANG 202R - Second-Year Language Study

**Additional Comments:**

**Other Prerequisites**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Independent Learning | 194534, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

| Title | Tags |
|---|---|
| Analyze | 194537, 3 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 194538, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Other Prerequisites**
FLang 202R or equivalent in same language.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| General Education | 195048, 4 |

**Learning Outcome**
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195050, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| Communication Skills | 194801, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 195046, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

## FLANG 340R - Introduction to Literature

### Course Information

**Teaching Area (new)**
FLANG
**Course Number**
340R
**Teaching Area**
FLANG
**Course Title**
Introduction to Literature
**Course Description**
Advanced study of literature of target language. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
FLang 330R in same language.
**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Context | 195303, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

## FLANG 350R - Advanced Language Study for Career Purposes

### Course Information

**Teaching Area (new)**
FLANG
**Course Number**
350R
**Teaching Area**
FLANG
**Course Title**
Advanced Language Study for Career Purposes
**Course Description**
Concentration on target-language and target-culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
FLang 330R in same language.

| Title | Tags |
| --- | --- |
| Defined Career Purposes. | 195423, 2 |

**Learning Outcome**
Develop overall language and cultural competence needed to

cultural and historical context.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 195296, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 195297, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Language Skills | 195299, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge. | 195424, 3 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence. | 195425, 4 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence. | 195426, 5 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence. | 195427, 6 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## FLANG 377R - Foreign Language Teaching Methods

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 377R |

Teaching Area

## FLANG 477R - Dual Language Immersion K-12 Student Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FLANG | 477R |

Teaching Area

FLANG
**Course Title**
Foreign Language Teaching Methods
**Course Description**
Teaching methods specific to teaching less commonly taught language courses. Lectures, demonstrations, and microteaching. Topics include curriculum/lesson planning, reflective teaching, and communicative language teaching.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Native- or advanced-level proficiency in the target language
**Note**
Prospective teachers and TAs should take this course before or while teaching the target language course.

| Title | Tags |
|---|---|
| Apply theory to practice | 193170, 0, 1 |

**Learning Outcome**

Discuss historical trends in second-language acquisition and apply theory to effective practice.

| Title | Tags |
|---|---|
| Design and deliver effective target language instruction | 193177, 0, 3 |

**Learning Outcome**

Apply effective comprehensible input strategies
Apply appropriate interactive strategies to encourage output
Apply contextualized approaches for teaching subskills such as grammar, vocabulary and pronunciation.
Use products, practices and persepectives to appropriately teach culture

| Title | Tags |
|---|---|
| Demonstrate a growth mindset to improve as a teacher | 193154, 0, 5 |

FLANG
**Course Title**
Dual Language Immersion K-12 Student Teaching
**Course Description**
Supervised full-day experience to develop and demonstrate competence in teaching in an approved dual language immersion school setting. Includes planning, implementing, and assessing a unit of instruction taught in the immersion language.
**Department**
Language Studies
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- FLANG 300 - Foundations of Dual Language and Immersion Education
  **AND** FLANG 301 - Content-Based Curriculum, Instruction, and Assessment in Dual Language Immersion Classrooms
  **AND** FLANG 302 - Biliteracy Development in Dual Language Immersion Classrooms

**Additional Comments:**

| Title | Tags |
|---|---|
| Instruction | 212182, 0, 1 |

**Learning Outcome**
Successfully plan, implement, and assess instruction in the target language in a dual language immersion classroom. The unit will align with Utah state curriculum, provide accommodations or modification strategies required for individual students, and assess academic content and language learning.

to improve as a teacher 208739, 0, 2

**Learning Outcome**

Reflect on teaching and make changes as warranted.
Become an active professional participant and utilize appropriate resources (ACTFL, online supports, journals, etc.)

**Title**
Implement ACTFL proficiency standards in teaching and assessment practices

**Tags**
208739, 0, 2

**Learning Outcome**

Demonstrate understanding of proficiency and performance standards in planning, teaching and assessing for the

skills
(Listening, Speaking, Reading, Writing)
and modes
(Interpretive, Interpersonal, Presentational)

Provide level appropriate feedback for formative and summative assessments.

# FLANG 490R - Special Studies in Second Language Applications

## Course Information

**Teaching Area (new)**
FLANG

**Course Number**
490R

**Teaching Area**
FLANG

**Course Title**
Special Studies in Second Language Applications

**Course Description**
Faculty-supervised instruction for advanced students. Individual or group study. Course work established by contract and director's approval.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Specified Application | 193098, 0 |

**Learning Outcome**
Meet learning outcomes specified by the Center for Language Studies relative to a specific language application.

# FNART 226 - Arts Integration in Education

## Course Information

**Teaching Area (new)**
FNART

**Course Number**
226

**Teaching Area**
FNART

**Course Title**
Arts Integration in Education

**Course Description**
Introduction to the integration of arts in education. Per Utah State Board of Education guidelines for the Arts Integration Endorsement, this course will give students training in implementation of Arts Integration in the classroom as well as in leadership and advocacy for the integration of arts in education.

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
For students majoring in elementary education.

## FNART 270R - Global Arts and Culture

### Course Information

**Teaching Area (new)**
FNART
**Course Number**
270R
**Teaching Area**
FNART
**Course Title**
Global Arts and Culture
**Course Description**
Undertaken as part of on-site international study programs. Explores the art, design, music, theatre, and other arts of host countries and other global cultures.
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5
**Fixed**
6

**Title**
Identify and Analyze
**Tags**
54190, 0
**Learning Outcome**
Students will identify and analyze art, design, music, and theatre of host countries and other European cultures.

## FNART 299R - Topics in Arts and Entrepreneurship

### Course Information

**Teaching Area (new)**
FNART
**Course Number**
299R
**Teaching Area**
FNART
**Course Title**
Topics in Arts and Entrepreneurship
**Course Description**
Taught in collaboration with the Rollins Center for Entrepreneurship and Technology. Application of foundational principles of entrepreneurship in developing goals as artists, performers, and creative professionals. The latest in design thinking, innovation, entrepreneurship, and the correct principles for starting or developing a business specifically related to the arts.\n
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5
**Fixed**
3

## FNART 301R - Creativity and Collaboration in the Arts and Communications

### Course Information

**Teaching Area (new)**
FNART
**Course Number**
301R
**Teaching Area**
FNART
**Course Title**
Creativity and Collaboration in the Arts and Communications
**Course Description**
Explore theories of creativity, collaboration, and innovation in a modern, arts-based mediated world; engage in principles of team-building and communication; practice skills of ideation, research, and execution of interdisciplinary projects from conception to completion. Classes are project-based and vary from semester to semester. Please contact the College of Fine Arts and Communications (A-501 HFAC, 801-422-2819).
**When Taught**
Contact Department

### Credit Hours

**Min**
1

## FREN 101 - First-Year French, Part 1

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
101
**Teaching Area**
FREN
**Course Title**
First-Year French, Part 1
**Course Description**
Development of the four language skills: understanding, speaking, reading, and writing.
**Department**
French & Italian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4
**Fixed**
4

Fixed
3

| Title | Tags |
| --- | --- |
| Principles of collaboration | 189331, 1 |

Learning Outcome
• analyze principles and theories of group dynamics, innovation, creativity, and collaboration

| Title | Tags |
| --- | --- |
| Skills of collaboration | 189332, 2 |

Learning Outcome
• practice and develop skills in group dynamics, innovation, and creative and collaborative processes

| Title | Tags |
| --- | --- |
| New knowledge | 189333, 3 |

Learning Outcome
• assimilate and apply new knowledge and skills in disciplines outside their major expertise

| Title | Tags |
| --- | --- |
| Reflection | 189334, 4 |

Learning Outcome
• self-assess and reflect upon their strengths, weaknesses, and contributions in group dynamics, innovation, and creative and collaborative processes

### Lecture Hours

Fixed
5

Note
Students with prior experience in French can contact the French undergraduate adviser to select the appropriate beginning course. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required.

| Title | Tags |
| --- | --- |
| Comprehension | 192152, 1 |

Learning Outcome
Comprehend French as you hear and read authentic language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 192153, 2 |

Learning Outcome
Speak French well enough to satisfy immediate needs. (You will learn to communicate in basic social situations, meet routine travel needs, obtain food and lodging, carry out simple transactions, and talk about a variety of topics of common interest primarily in the present, with limited use of other time frames.)

| Title | Tags |
| --- | --- |
| Writing | 192154, 3 |

Learning Outcome
Write short messages and well-articulated sentences in French on familiar topics.

## FREN 102 - First-Year French, Part 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FREN | 102 |

Teaching Area
FREN
Course Title
First-Year French, Part 2
Course Description
Continuation of French 101.
Department
French & Italian

## FREN 201 - Intermediate French, Part 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FREN | 201 |

Teaching Area
FREN
Course Title
Intermediate French, Part 1
Course Description
Reading, writing, conversation, vocabulary building, and review of grammar.
Department

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

**Other Prerequisites**
Fren 101 or equivalent

**Note**
Students with prior experience in French can contact the French undergraduate adviser to select the appropriate beginning course. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Write | 192155, 1 |

**Learning Outcome**
Write well-articulated sentences and loosely connected texts related to personal experiences and common events.

| Title | Tags |
|---|---|
| Comprehend | 192156, 3 |

**Learning Outcome**
Comprehend French as you hear and read authentic language relating to familiar topics.

| Title | Tags |
|---|---|
| Speak | 192157, 5 |

**Learning Outcome**
Speak French well enough to handle a variety of simple communicative tasks in basic social situations. You will be able to meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.

French & Italian

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

**Other Prerequisites**
Fren 102 or equivalent

**Note**
Students with prior experience in French can contact the French undergraduate adviser to select the appropriate beginning course. Returned missionaries who spoke French part-time or who served in a Creole-speaking mission (Haiti) should register for FREN 201 to be eligible for the challenge exam.

| Title | Tags |
|---|---|
| Real-Life Use | 192158, 1 |

**Learning Outcome**
Improve your ability to use French in real-life situations and for real-life purposes.

| Title | Tags |
|---|---|
| Elaboration | 192159, 2 |

**Learning Outcome**
Create elaborated utterances and group them into paragraphs and narratives.

| Title | Tags |
|---|---|
| Vocabulary | 192160, 3 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Language Structures | 192161, 4 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 192162, 5 |

**Learning Outcome**
Discuss in French selected current events and various francophone regions of the world and some of their cultural practices.

## FREN 202 - Intermediate French, Part 2

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
202
**Teaching Area**
FREN
**Course Title**
Intermediate French, Part 2
**Course Description**
Final course for GE Languages of Learning requirement (except for full-time French speaking returned missionaries); extensive reading in French literature and culture.
**Department**
French & Italian
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

**Other Prerequisites**
Fren 201 or equivalent
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Literary Analysis | 192163, 1 |

**Learning Outcome**
Read beyond basic plot and learn to apply tools of literary analysis.

| Title | Tags |
| --- | --- |
| French Literature | 192164, 2 |

**Learning Outcome**

## FREN 211R - Second-Year Conversation

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
211R
**Teaching Area**
FREN
**Course Title**
Second-Year Conversation
**Course Description**
Intermediate conversation skills. Can be fulfilled through language residency program.
**Department**
French & Italian
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Fren 102 or equivalent. May be taken concurrently with Fren 201

| Title | Tags |
| --- | --- |
| Speaking in Context | 192214, 2 |

**Learning Outcome**
Speak in contexts related to autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions and coping with gaps in knowledge.

Recognize and analyze key genres in French literature.

| Title | Tags |
| --- | --- |
| Literary Movements | 192165, 3 |

**Learning Outcome**
Identify and define key characteristics of the important French literary movements.

| Title | Tags |
| --- | --- |
| Cultural and Historical Context | 192166, 4 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Reading and Writing | 192167, 5 |

**Learning Outcome**
Improve your reading and writing skills in French.

| Title | Tags |
| --- | --- |
| French Culture | 192321, 5 |

**Learning Outcome**
Broaden and deepen your perception and appreciation of French culture.

| Title | Tags |
| --- | --- |
| Vocabulary | 192215, 4 |

**Learning Outcome**
Speak using an apporopriate variety of vocabulary related to autobiographical and concrete topics.

| Title | Tags |
| --- | --- |
| Speaking and Conversation | 192213, 0, 1 |

**Learning Outcome**
Speak and exchange in conversation in present, past and future times in the context of sentence- to paragraph-level speech about autobiographical and concrete topics.

| Title | Tags |
| --- | --- |
| Understood by Native Speakers | 192216, 0, 6 |

**Learning Outcome**
Be understood most of the time without difficulty by native speakers accustomed to dealing with non-native learners of the language.

## FREN 311R - Third-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FREN | 311R |

**Teaching Area**
FREN
**Course Title**
Third-Year Conversation
**Course Description**
Advanced conversation skills. Can be fulfilled through language residency program.
**Department**
French & Italian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

## FREN 315 - Focused Readings in French

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FREN | 315 |

**Teaching Area**
FREN
**Course Title**
Focused Readings in French
**Course Description**
Upon completion of this course, students will have mastered a basic reading proficiency in French for use in various disciplines or for personal interest. Students will read from a variety of text types in order to learn a range of linguistic structures and vocabulary, and become familiar with essential verbs and common syntax.
**Department**
French & Italian
**When Taught**
Winter

### Credit Hours

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Other Prerequisites
Fren 211R or instructor's consent
Note
May be taken concurrently with Fren 340.

| Title | Tags |
| --- | --- |
| Narration and Description | 192364, 1 |

Learning Outcome
Describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

| Title | Tags |
| --- | --- |
| Skills for coping with communication problems | 192366, 3 |

Learning Outcome
Initiate and maintain fluent conversations, and cope with gaps in knowledge in contexts related to concrete topics.

| Title | Tags |
| --- | --- |
| Lexical mastery | 192367, 4 |

Learning Outcome
Speak using an apporopriate variety of vocabulary related to autobiographical and concrete topics as well as to current and other events.

| Title | Tags |
| --- | --- |
| Fluency | 192368, 6 |

Learning Outcome
Be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

Min
3

Fixed
3

### Lab Hours

Fixed
0

Note
For students with little or no French. Graduate students will be graded pass/fail. Undergraduates will receive letter grades.

| Title | Tags |
| --- | --- |
| Speaking in Context | 192365, 0, 2 |

**Learning Outcome**
Relate current events, plots of movies and state opinion.

## FREN 317 - (Fren-Ital) French and Italian Cinema

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
317
**Teaching Area**
FREN
**Course Title**
(Fren-Ital) French and Italian Cinema
**Course Description**
Background for understanding and appreciating the best of motion picture art in France and Italy. Includes components of critical theory essential for analyzing film. Language of instruction is English; no knowledge of French or Italian required.
**Department**
French & Italian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Film as technical art | 192377, 2 |

**Learning Outcome**
Explore the essential aspects of cinema as an artistic medium and master the technical and critical terminology necessary to intelligently discuss the creative process.

## FREN 321 - Advanced French Part 1

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
321
**Teaching Area**
FREN
**Course Title**
Advanced French Part 1
**Course Description**
Grammar and composition, listening and speaking skills.
**Department**
French & Italian
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Recommended**
Fren 202 or equivalent
**Note**
Entry course for returned missionaries from French-language areas or others with equivalent French language experience. Required course for obtaining language credit by examination (Fren 101, 102, 201, 211R, 311R). Registration for a lab section is required. Attendance at both the lecture and lab is required.

| Title | Tags |
| --- | --- |
| Composition strategies | 192329, 2 |

**Learning Outcome**
Students will develop strategies for writing a variety of descriptive and narrative texts.

| Title | Tags |
| --- | --- |
| Advanced Functions in Speech | |

| Title | Tags |
| --- | --- |
| History of French & Italian Cinema | 192413, 1 |

**Learning Outcome**
Identify major filmmakers, cinematic movements and questions that shaped the history of French and Italian cinema, with particular attention to their respective socio-historical contexts.

| | |
| --- | --- |
| and Writing | 192403, 1 |

**Learning Outcome**
Students will narrate and describe in the present and past time frames, use connected discourse, and acquire strategies for managing communicative complications in French.

| Title | Tags |
| --- | --- |
| Language Accuracy | 192331, 0, 3 |

**Learning Outcome**
Students will demonstrate proper use of grammatical, lexical, and stylistic features of the French language.

## FREN 322 - Advanced French Part 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FREN | 322 |

**Teaching Area**
FREN
**Course Title**
Advanced French Part 2
**Course Description**
Grammar and composition, listening and speaking skills.
**Department**
French & Italian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**

## FREN 325R - Individual French Language Review

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FREN | 325R |

**Teaching Area**
FREN
**Course Title**
Individual French Language Review
**Course Description**
Guided individual online language practice.
**Department**
French & Italian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- FREN 321 - Advanced French Part 1

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Communicative Genres | 192330, 3 |

**Learning Outcome**
Students will acquire techniques to produce a variety of text types, such as summaries, detailed descriptions and narrations, analyses and argumentative essays.

| Title | Tags |
| --- | --- |
| Advanced Functions in Speech and Writing | 192352, 1 |

**Learning Outcome**
Students will be able to narrate and describe in the present, past and future time frames, use connected discourse, and acquire strategies for managing complications in the French language.

| Title | Tags |
| --- | --- |
| Superior Functions in Speech and Writing | 192353, 2 |

**Learning Outcome**
Students will be able to support their opinions and hypothesize about abstract topics in the context of extended discourse.

| Title | Tags |
| --- | --- |
| Critical Thinking, Accuracy, Text Types | 192404, 3 |

**Learning Outcome**
Students will analyze grammatical, lexical, phonological and stylistic features of Advanced-level French language in summaries, detailed descriptions and narrations, analyses and argumentative essays.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- FREN 202 - Intermediate French, Part 2

**Additional Comments:**

**Recommended**
Fren 211
**Note**
May be taken as supplemental bridge between Fren 202 and Fren 321 or for extra practice while taking any 300- or 400-level French course.

| Title | Tags |
| --- | --- |
| Improved language ability | 192324, 1 |

**Learning Outcome**
Students will demonstrate improvement in their French language ability through performance on tests.

## FREN 330 - Introduction to French

## FREN 340 - Introduction to Literary Analysis

## FREN 330 - Introduction to French Linguistics

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
330
**Teaching Area**
FREN
**Course Title**
Introduction to French Linguistics
**Course Description**
Subfields (phonetics, morphology, syntax, lexicology, semantics) and approaches (socio-linguistics, semiology, and pragmatics).
**Department**
French & Italian
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- FREN 321 - Advanced French Part 1

**Additional Comments:**

**Recommended**
Fren 322

| Title | Tags |
|---|---|
| Critical Thinking | 213809, 0, 1, 2023-08-29 09:07:39 |

**Learning Outcome**
Analyze linguistic data to find patterns of variation, apply learned principles and concepts to new data and problems, and identify constructive research questions and develop methodology appropriate to those questions.

## FREN 340 - Introduction to Literary Analysis

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
340
**Teaching Area**
FREN
**Course Title**
Introduction to Literary Analysis
**Course Description**
How to read French prose, drama, and poetry and apply methods of literary criticism.
**Department**
French & Italian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Fren 321 or concurrent enrollment
**Note**
Fulfills GE Letters elective; also capstone course for GE Languages of Learning requirement for returned missionaries.

| Title | Tags |
|---|---|
| Contextualization and Analysis | 192102, 1 |

**Learning Outcome**
Contextualize and analyze French literature of various periods and genres.

| Title | Tags |
|---|---|
| Analytical Writing | 192103, 2 |

**Learning Outcome**
Write analytically about the literature in well-formatted essays.

| Title | Tags |
|---|---|
| Basics Terms | 192104, 3 |

| Title | Tags |
| --- | --- |
| Linguistic Research | 213810, 0, 2, 2023-08-29 09:07:43 |

Learning Outcome
Conduct research (finding examples of the linguistic phenomena examined in the course, applying analytical diagrams, comparing linguistic phenomena in various languages, using various instruments of linguistic analysis).

| Title | Tags |
| --- | --- |
| Data Analysis | 213811, 0, 3, 2023-08-29 09:07:45 |

Learning Outcome
Learn and apply appropriate quantitative, statistical, and qualitative methods to analyze real-world linguistic data, including speech recordings, elicited responses, and text corpora.

| Title | Tags |
| --- | --- |
| Linguistic Diversity | 213812, 0, 4, 2023-08-29 09:07:46 |

Learning Outcome
Evaluate and appreciate francophone diversity, especially with regards to language variation and policies.

Learning Outcome
Identify basic terms of literary analysis. (The specific list is available on the syllabus.)

## FREN 345 - Francophone Culture

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
345

**Teaching Area**
FREN

**Course Title**
Francophone Culture

**Course Description**
Advanced studies in French or Francophone culture to be taken in country.

**Department**
French & Italian

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Fren 102 or equivalent

**Note**
Study Abroad only.

| Title | Tags |
| --- | --- |
| Paris Walks | 192318, 0 |

**Learning Outcome**
The purpose of this course is to provide an organized, meaningful, and memorable overview of Paris as well as sites visited during organized excursions.

## FREN 346R - French Choir

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
346R

**Teaching Area**
FREN

**Course Title**
French Choir

**Course Description**
French choir practice.

**Department**
French & Italian

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Culture and Language | 192351, 0 |

**Learning Outcome**
Improve language skills and enhance cultural appreciation through choral singing.

## FREN 361 - French Civilization from the Beginning to 1715

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
361

## FREN 362 - French Civilization from 1715 to the Present

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
362

FREN 361
Teaching Area
FREN
Course Title
French Civilization from the Beginning to 1715
Course Description
Historical survey of institutions, fine arts, and social conditions to the death of Louis XIV.
Department
French & Italian
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FREN 321 - Advanced French Part 1

Additional Comments:

Recommended
Fren 322
Note
Fulfills GE Arts elective.

| Title | Tags |
|---|---|
| Chronology of French Civilization | 192105, 1 |

Learning Outcome
Demonstrate knowledge of the chronology of French civilization and identify the major intellectual and artistic movements, their defining characteristics and contexts.

| Title | Tags |
|---|---|
| Methods of Investigation | 192106. 3 |

FREN 362
Teaching Area
FREN
Course Title
French Civilization from 1715 to the Present
Course Description
Historical survey of institutions, fine arts, and social conditions.
Department
French & Italian
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisite
Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- FREN 321 - Advanced French Part 1

Additional Comments:

Recommended
Fren 322
Note
Fulfills GE Arts elective.

| Title | Tags |
|---|---|
| Chronology of French Civilization | 192109, 1 |

Learning Outcome
Demonstrate knowledge of the chronology of French civilization and identify the major intellectual and artistic movements, their defining characteristics and contexts.

| Title | Tags |
|---|---|
| Locating and Evaluating Resources | 192110. 2 |

Learning Outcome
Apply appropriate methods of investigation (e.g., formulate hypotheses, make valid arguments, use evidence, cope with ambiguity, evaluate competing interpretations of a given event or topic and communicate findings coherently).

| Title | Tags |
| --- | --- |
| Time Period Connections | 192107, 4 |

Learning Outcome
Establish connections between events, movements, and ideas for the time period covered in this course.

| Title | Tags |
| --- | --- |
| Cultural Topics | 192108, 5 |

Learning Outcome
Articulate and defend clear, orderly thought on cultural topics.

| Title | Tags |
| --- | --- |
| Locating and Evaluating Resources | 192322, 1 |

Learning Outcome
Locate and evaluate resources relevant to course assignments.

Learning Outcome
Locate and evaluate resources relevant to course assignments.

| Title | Tags |
| --- | --- |
| Methods of Investigation | 192111, 3 |

Learning Outcome
Apply appropriate methods of investigation (e.g., formulate hypotheses, make valid arguments, use evidence, cope with ambiguity, evaluate competing interpretations of a given event or topic and communicate findings coherently).

| Title | Tags |
| --- | --- |
| Time Period Connections | 192112, 4 |

Learning Outcome
Establish connections between events, movements, and ideas for the time period covered in this course.

| Title | Tags |
| --- | --- |
| Cultural Topics | 192113, 5 |

Learning Outcome
Articulate and defend clear, orderly thought on cultural topics.

## FREN 363 - Contemporary France and the Francophone World

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FREN | 363 |

**Teaching Area**
FREN
**Course Title**
Contemporary France and the Francophone World
**Course Description**
Current cultural, political, and social trends and issues in France as well as in the francophone world.
**Department**
French & Italian
**When Taught**
Fall and Winter

### Credit Hours

## FREN 377 - French Teaching Methods 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FREN | 377 |

**Teaching Area**
FREN
**Course Title**
French Teaching Methods 1
**Course Description**
Language acquisition theories and instructional practices specific to French language classrooms. First of a two-semester sequence for French Teaching majors and minors; fulfills methods course requirement for Dual Language Immersion Teaching minors.
**Department**
French & Italian
**When Taught**
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisite
Type
Prerequisite

Exceptions for study abroad with professor/ advisor approval

**Complete ALL of the following Courses:**

- FREN 321 - Advanced French Part 1

**Additional Comments:**

Recommended
Fren 322
Note
Fulfills GE Global and Cultural Awareness requirement.

| Title | Tags |
| --- | --- |
| Methods of Investigation | 192115, 3 |

Learning Outcome
Apply appropriate methods of investigation (e.g., formulate hypotheses, make valid arguments, use evidence, cope with ambiguity, evaluate competing interpretations of a given event or topic and communicate findings coherently).

| Title | Tags |
| --- | --- |
| Time Period Connections | 192116, 4 |

Learning Outcome
Establish connections between events, movements, and ideas for the time period covered in this course.

| Title | Tags |
| --- | --- |
| Cultural Topics | 192117, 5 |

Learning Outcome

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Fren 321; FLang 276 (if a French teaching major)
Note
Taught in French and English.

| Title | Tags |
| --- | --- |
| Discuss historical and theoretical trends in language teaching | 213813, 0, 1, 2023-08-29 09:08:07 |

Learning Outcome
Discuss major historical trends and theories of second language acquisition in world language teaching

Articulate and defend clear, orderly thought on cultural topics.

## FREN 378 - French Teaching Methods 2

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
378
**Teaching Area**
FREN
**Course Title**
French Teaching Methods 2
**Course Description**
Designing and practicing instruction for French classes in secondary schools. Developing teaching, critical thinking, and assessment skills. Second course in a two-semester sequence for French Teaching majors and minors.
**Department**
French & Italian
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Other Prerequisites**
For French Teaching Majors or Minors only; Fren 377; fingerprinting and FBI clearance.
**Note**
Taught in French and English.

**Title**
Implement standards- and proficiency-based lesson planning
**Tags**
213821, 0, 1, 2023-08-29 09:08:24

**Learning Outcome**
Plan effective language lessons that help students meet each of the World-Readiness Standards for Learning Languages and promote language proficiency as outlined in the ACTFL Proficiency Guidelines.

**Title**
Plan instructional units using innovative approaches
**Tags**
213822, 0, 2, 2023-08-29 09:08:26

**Learning Outcome**

## FREN 379 - French Teaching Practicum

### Course Information

**Course Number**
379
**Teaching Area**
FREN
**Course Title**
French Teaching Practicum
**Course Description**
Implementing meaningful and engaging instruction in secondary school French classes; developing critical thinking, problem solving, literacy, and democratic character.
**Department**
French & Italian
**When Taught**
Winter

### Credit Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Title**
Create appropriate learning experiences
**Tags**
213827, 0, 1, 2023-08-29 09:08:34

**Learning Outcome**
Develop and teach meaningful, standards-based, developmentally, and contextually appropriate lessons in French for K-12 students.

**Title**
Reflect on professional practice
**Tags**
213828, 0, 2, 2023-08-29 09:08:36

**Learning Outcome**
Engage in professional dialogue and reflection with your mentor teacher to improve your own professional practice.

**Title**
Become a professionally engaged
**Tags**
213829, 0, 3, 2023-08-29

Plan effective instructional units using innovative approaches that help K-12 students develop language proficiency and interculturality.

| Title | Tags |
| --- | --- |
| Integrate technology to support student learning | 213823, 0, 3, 2023-08-29 09:08:27 |

**Learning Outcome**
Integrate current technologies appropriate to language education to support student learning, develop language proficiency and cultural competence.

| Title | Tags |
| --- | --- |
| Adapt instruction for diverse learners | 213824, 0, 4, 2023-08-29 09:08:30 |

**Learning Outcome**
Plan for adapting instruction and appropriately integrating technology to meet the individual learning needs of all students (including students with disabilities, culturally diverse learners, heritage speakers, native speakers, and gifted students) in the mainstream language classroom.

| Title | Tags |
| --- | --- |
| Advocate for the benefits of language learning | 213825, 0, 5, 2023-08-29 09:08:31 |

**Learning Outcome**
Advocate for the benefits of developing proficiency in French to students, parents, and colleagues.

| Title | Tags |
| --- | --- |
| Create appropriate learning experiences | 213826, 0, 6, 2023-08-29 09:08:33 |

**Learning Outcome**
Develop and teach meaningful, standards-based, developmentally, and contextually appropriate lessons in French for K-12 students.

| | |
| --- | --- |
| world language educator | 09:08:38 |

**Learning Outcome**
Seek opportunities to develop professionally and to strengthen language and cultural competencies.

## FREN 399R - Academic Internship: French

## FREN 411R - Fourth-Year Conversation

# Language Field Experience

## Course Information

**Teaching Area (new)**
FREN

**Course Number**
399R

**Teaching Area**
FREN

**Course Title**
Academic Internship: French Language Field Experience

**Course Description**
On-the-job experience in French.

**Department**
French & Italian

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
6

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Program coordinator's consent

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags | Learning Outcome |
|---|---|---|
| Conduct in culturally diverse settings | 192400, 1 | Students learn to navigate cultural difference in professional settings. They communicate appropriately with attention to social register. |
| Improved language proficiency | 192401, 3 | Students will demonstrate improved speaking proficiency based on pre- and post-testing. This usually consists of an OPIc administered by the Center for Language Studies. The standing goal is to improve by one ACTFL |

## Course Information

**Teaching Area (new)**
FREN

**Course Number**
411R

**Teaching Area**
FREN

**Course Title**
Fourth-Year Conversation

**Course Description**
Advanced and Superior conversation skills.

**Department**
French & Italian

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Fren 311R or equivalent

| Title | Tags | Learning Outcome |
|---|---|---|
| Linguistic Fluency | 192220, 1 | Initiate and maintain fluent conversations, and cope with gaps in knowledge in contexts related to concrete topics. |

goal is to improve by one ACTFL sub-level (though the move from Intermediate High to Advanced Low is understandably difficult).

**Title**
Effective workplace communication

**Tags**
192402, 2

**Learning Outcome**
Students will acquire habits of effective communication in their target language for their place of work.

## FREN 414 - Introduction to French Translation

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
414

**Teaching Area**
FREN

**Course Title**
Introduction to French Translation

**Course Description**
Introduction to the principles and practice of translation from English into French and French into English, including contrastive stylistic analysis of French and English texts.

**Department**
French & Italian

**When Taught**
Fall Odd Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

## FREN 432 - History of French

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
432

**Teaching Area**
FREN

**Course Title**
History of French

**Course Description**
Introduction to the diachronic study of French beginning with its roots in Latin.

**Department**
French & Italian

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
Fren 431 or concurrent enrollment

**Title**
Language

**Tags**
192123, 4

**Learning Outcome**
Demonstrate improved language

Prerequisite

**Complete ALL of the following Courses:**

- FREN 321 - Advanced French Part 1

**Additional Comments:**

**Recommended**
French 322, French 340, at least one course in French Civilization (French 361, French 362, French 363)

| Title | Tags |
|---|---|
| Translate from English to French and French to English | 211713, 0, 1 |

**Learning Outcome**
Demonstrate the ability to translate accurately a variety of text types from English into French and French into English, for a variety of target audiences.

| Title | Tags |
|---|---|
| Resolving Translation Problems | 211714, 0, 2 |

**Learning Outcome**
Explain and apply methods for resolving common translation problems.

| Title | Tags |
|---|---|
| Awareness of Cultural Issues | 211715, 0, 3 |

**Learning Outcome**
Gain an awareness of cultural issues at stake in translation.

| Title | Tags |
|---|---|
| Translation Project | 211716, 0, 4 |

**Learning Outcome**
Learn to plan and complete a translation project.

ability

| Title | Tags |
|---|---|
| Research | 192122, 0, 2 |

**Learning Outcome**
Write detailed linguistic analyses of French data from different periods, including contributions to one major class project

## FREN 433R - Studies in French Linguistics

### Course Information

**Teaching Area (new)** | **Course Number**
FREN | 433R

**Teaching Area**
FREN

**Course Title**
Studies in French Linguistics

**Course Description**
Advanced study of linguistic fields such as phonetics, phonology, morphology, syntax, semantics, and pragmatics.

**Department**

## FREN 445 - Advanced Francophone Culture

### Course Information

**Teaching Area (new)** | **Course Number**
FREN | 445

**Teaching Area**
FREN

**Course Title**
Advanced Francophone Culture

**Course Description**
Advanced study of Francophone culture requiring significant research paper. Taken as part of a program abroad.

**Department**

French & Italian
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
FREN 330 or concurrent enrollment.

| Title | Tags |
|---|---|
| French Linguistics | 213830, 0, 1, 2023-08-29 09:09:22 |

**Learning Outcome**
Demonstrate mastery of the elements of advanced French linguistics.

| Title | Tags |
|---|---|
| Research | 213831, 0, 2, 2023-08-29 09:09:24 |

**Learning Outcome**
Write at least one substantive research paper that effectively incorporates secondary sources.

| Title | Tags |
|---|---|
| Data Analysis | 213832, 0, 3, 2023-08-29 09:09:27 |

**Learning Outcome**
Analyze and draw conclusions from linguistic data.

French & Italian
**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Fren 321
**Note**
Research paper required.

| Title | Tags |
|---|---|
| Language | 192169, 2 |

**Learning Outcome**
Demonstrate improved language ability

| Title | Tags |
|---|---|
| Research | 192168, 0, 1 |

**Learning Outcome**
Complete either a substantive experiential learning project or research paper with appropriate sources under the direction of your instructor.

## FREN 452R - Studies in Period, Movement, and Theme

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| FREN | 452R |

**Teaching Area**
FREN

## FREN 453R - Studies in Genre

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| FREN | 453R |

**Teaching Area**
FREN
**Course Title**

**Course Title**
Studies in Period, Movement, and Theme
**Course Description**
Various periods and movements (e.g., medieval, classicism, romanticism) or themes (e.g., Arthur, Faust). Topics vary.
**Department**
French & Italian
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- FREN 340 - Introduction to Literary Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Period, Movement, Theme | 192126, 1 |

**Learning Outcome**
Evaluate and contextualize a particular period, movement, or theme in French or Francophone studies and justify the limitations of its definitions.

| Title | Tags |
|---|---|
| Language | 192127, 2 |

**Learning Outcome**
Demonstrate improved language ability

| Title | Tags |
|---|---|
| Research | 192128, 3 |

Studies in Genre
**Course Description**
In-depth study of various genres (e.g., epic, novel, lyric, film) and problems of genre in French.
**Department**
French & Italian
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- FREN 340 - Introduction to Literary Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Genre | 192129, 1 |

**Learning Outcome**
Evaluate basic concepts of a particular genre and explain the limitations of generic categorizations.

| Title | Tags |
|---|---|
| Language | 192130, 2 |

**Learning Outcome**
Demonstrate improved language ability

| Title | Tags |
|---|---|
| Research | 192131, 3 |

**Learning Outcome**

| Research | 192128, 3 |
|---|---|

**Learning Outcome**
Write at least one substantive research paper that effectively incorporates secondary sources.

| Write at least one substantive research paper that effectively incorporates secondary sources. |
|---|

## FREN 454R - Studies in Author

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
454R
**Teaching Area**
FREN
**Course Title**
Studies in Author
**Course Description**
In-depth study of major French or Francophone authors (e.g., Rabelais, Moliere, Diderot, Balzac).
**Department**
French & Italian
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite
**Complete ALL of the following Courses:**
- FREN 340 - Introduction to Literary Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Author | 192132, 1 |

**Learning Outcome**
Evaluate and contextualize the

## FREN 455R - Studies in Literary Theory

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
455R
**Teaching Area**
FREN
**Course Title**
Studies in Literary Theory
**Course Description**
In-depth study of primary texts by contemporary literary theorists (e.g., Barthes, Genette, structuralism, etc.). Language of instruction is English.
**Department**
French & Italian
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite
**Complete ALL of the following Courses:**
- FREN 340 - Introduction to Literary Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Application of Theory | 192135, 1 |

**Learning Outcome**

Evaluate and contextualize the unique contributions of a particular author.

| Title | Tags |
| --- | --- |
| Language | 192133, 2 |

Learning Outcome
Demonstrate improved language ability

| Title | Tags |
| --- | --- |
| Research | 192134, 3 |

Learning Outcome
Write at least one substantive research paper that effectively incorporates secondary sources.

Learning Outcome
Apply theoretical models to various cultural artifacts and practices

| Title | Tags |
| --- | --- |
| Theory | 192136, 2 |

Learning Outcome
Investigate a variety of theoretical models for the analysis of literature and cultural phenomena.

| Title | Tags |
| --- | --- |
| Language | 192137, 3 |

Learning Outcome
Demonstrate improved language ability

| Title | Tags |
| --- | --- |
| Research | 192138, 4 |

Learning Outcome
Write at least one substantive research paper that effectively incorporates secondary sources.

## FREN 456R - Francophone Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FREN | 456R |

Teaching Area
FREN
Course Title
Francophone Studies
Course Description
Readings from major French-speaking writers from countries outside France, such as Canada, Africa, and the Caribbean.
Department
French & Italian
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

## FREN 457R - Studies in French Culture

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| FREN | 457R |

Teaching Area
FREN
Course Title
Studies in French Culture
Course Description
In-depth study of French historical, political, and social issues or artistic trends.
Department
French & Italian
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- FREN 340 - Introduction to Literary Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Literary Analysis | 206759, 4 |

**Learning Outcome**
Students critically analyze literature from the Francophone world.

| Title | Tags |
|---|---|
| Francophone identities | 206760, 2 |

**Learning Outcome**
Students analyze the diversity and breadth of the culture, history and practices of the Francophone world.

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- FREN 361 - French Civilization from the Beginning to 1715
  **OR** FREN 362 - French Civilization from 1715 to the Present

**Additional Comments:**

**Recommended**
Fren 363

| Title | Tags |
|---|---|
| French Culture | 192144, 1 |

**Learning Outcome**
Evaluate and contextualize a significant component of French or Francophone culture.

| Title | Tags |
|---|---|
| Research | 192145, 2 |

**Learning Outcome**
Write at least one substantive research paper that effectively incorporates secondary sources.

## FREN 458R - Women in French and Francophone Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| FREN | 458R |

**Teaching Area**
FREN
**Course Title**
Women in French and Francophone Literature
**Course Description**
Analysis of the contributions of women in French and/or Francophone literature. Assessment of the representations of women in French literary texts.
**Department**
French & Italian
**When Taught**
Contact Department

## FREN 470R - Direct Enrollment in French University

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| FREN | 470R |

**Teaching Area**
FREN
**Course Title**
Direct Enrollment in French University
**Course Description**
Register for this course in consultation with department internship coordinator. To be taken only when enrolled directly in French university as part of BYU professional program in France. Only enroll when curriculum of other BYU courses do not correspond to the course enrolled in French university.
**Department**
French & Italian

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
FREN 340; FREN 321

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- FREN 321 - Advanced French Part 1
  **AND** FREN 322 - Advanced French Part 2

**Additional Comments:**

**Recommended**
Fren 340

| Title | Tags |
| --- | --- |
| French University | 192325, 1 |

**Learning Outcome**
Students will fulfill learning outcomes of the French university course in which they are enrolled.

| Title | Tags |
| --- | --- |
| Culture | 192326, 2 |

**Learning Outcome**
Students will write analytically about the course content and about cultural differences in the educational system.

| Title | Tags |
| --- | --- |
| Connections | 192327, 3 |

**Learning Outcome**
Students will articulate connections between their course experience and their future goals.

## FREN 476R - Secondary Student Teaching

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
476R

**Teaching Area**
FREN

**Course Title**
Secondary Student Teaching

**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards.

**Department**
French & Italian

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; OPI rating of Advanced Low; FBI fingerprint background clearance

| Title | Tags |
| --- | --- |
| Student Teaching Experience | 183587, 1 |

**Learning Outcome**
Students will put into practice the theories they have learned in content and pedagogy courses including planning lessons, assessing students of all abilities and cultural backgrounds, using a variety of instructional strategies, and collaborating with other teachers and with the community.

## FREN 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
477R

**Teaching Area**
FREN

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
French & Italian

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; OPI rating of Advanced Low; FBI fingerprint background clearance.

## FREN 490R - Individual Study in French

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
490R
**Teaching Area**
FREN
**Course Title**
Individual Study in French
**Course Description**
Faculty-supervised instruction/research to fit the individual needs of the advanced student. Terms must be established by contract and approved by chair.
**Department**
French & Italian
**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
1

**Fixed**
3

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| Research and Critical Thinking | 192170, 1 |

**Learning Outcome**
Formulate and express in writing critical arguments on a specialized topic reflecting an understanding of primary and secondary sources.

## FREN 491R - Senior Oral Proficiency Evaluation

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
491R
**Teaching Area**
FREN
**Course Title**
Senior Oral Proficiency Evaluation
**Course Description**
Evaluation required of all French majors during the senior year and all French-teaching majors and minors before enrolling in Fren 378.
**Department**
French & Italian
**When Taught**
Fall and Winter

**Credit Hours**

**Min**
0

**Fixed**
0

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
0

| Title | Tags |
|---|---|
| Linguistic Proficiency | 192182, 1 |

**Learning Outcome**
Establish an oral proficiency rating by taking the Oral Proficiency Interview.

## FREN 495 - Senior Portfolio Capstone

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
495
**Teaching Area**
FREN
**Course Title**
Senior Portfolio Capstone
**Course Description**
Capstone experience for French studies majors, including revision and assessment of writing.

## FREN 496R - Academic Internship: Secondary Education

### Course Information

**Teaching Area (new)**
FREN
**Course Number**
496R
**Teaching Area**
FREN
**Course Title**
Academic Internship: Secondary Education
**Course Description**

assessment of writing.

**Department**
French & Italian

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Recommended**
Fren 321, 322, 340.

| Title | Tags |
| --- | --- |
| French Degree and Future Plans | 192149, 2 |

**Learning Outcome**
Identify connections between French degree and future plans.

| Title | Tags |
| --- | --- |
| Resume | 192150, 6 |

**Learning Outcome**
Compose a professional resume with feedback from the advisement center.

| Title | Tags |
| --- | --- |
| Revising Best Papers | 192151, 8 |

**Learning Outcome**
Identify and revise your best papers from French courses.

| Title | Tags |
| --- | --- |
| ACTFL Assessments | 192363, 4 |

**Learning Outcome**
Pass OPI and WPT at Advanced Low or higher.

Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards.

**Department**
French & Italian

**When Taught**
Fall and Winter

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; OPI rating of Advanced Low; FBI fingerprint background clearance.

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Internship Experience | 211348, 0, 1 |

**Learning Outcome**
Students will put into practice the theories they have learned in content and pedagogy courses including planning lessons, assessing students of all abilities and cultural backgrounds, using a variety of instructional strategies, and collaborating with other teachers and with the community.

## FREN 510 - MA Practicum 1.

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
510

**Teaching Area**
FREN

**Course Title**
MA Practicum 1.

**Course Description**
Critical strategies and interpretative skills necessary for MA examinations.

**Department**
French & Italian

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate status

**Title**
Reading List 1 (up to XVIIIth century)

**Tags**
192314, 0

**Learning Outcome**
Discuss significant works of French and Francophone literature, explain their historical context, importance, influence, and distinctive features.

## FREN 511 - MA Practicum 2

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
511

**Teaching Area**
FREN

**Course Title**
MA Practicum 2

**Course Description**
Critical strategies and interpretative skills necessary for MA examinations.

**Department**
French & Italian

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate status

**Title**
Reading List II (XVIIIth century to present)

**Tags**
192222, 1

**Learning Outcome**
Discuss significant works of French and Francophone literature, explain their historical context, importance, influence, and distinctive features.

## FREN 512 - MA Practicum 3

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
512

**Teaching Area**
FREN

## FREN 533 - Advanced Studies in French Linguistics

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
533

**Course Title**
MA Practicum 3
**Course Description**
Research tools and methods, the process of selecting a thesis topic, compiling a bibliography, and writing a prospectus.
**Department**
French & Italian
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate status

| Title | Tags |
| --- | --- |
| Bibliography | 192231, 1 |

**Learning Outcome**
Generate a preparatory bibliography that will establish a scholarly foundation for the thesis.

| Title | Tags |
| --- | --- |
| Prospectus | 192232, 2 |

**Learning Outcome**
Generate a well-conceived, clearly-articulated, and well-documented prospectus for the MA thesis.

**Teaching Area**
FREN
**Course Title**
Advanced Studies in French Linguistics
**Course Description**
Advanced study of linguistic features such as phonetics and phonology, semantization, lexical development, morphology, and contrastive syntax.
**Department**
French & Italian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Research | 192233, 2 |

**Learning Outcome**
Write at least one substantive research paper that effectively incorporates secondary sources.

| Title | Tags |
| --- | --- |
| Analysis | 192234, 3 |

**Learning Outcome**
Codify and draw conclusions from the data analyzed.

| Title | Tags |
| --- | --- |
| Linguistics | 192312, 0 |

**Learning Outcome**
Demonstrate mastery the elements of advanced French linguistics.

## FREN 599R - Academic Internship: French Language Field Experience

### Course Information

**Teaching Area (new)**
FREN

**Course Number**
599R

**Teaching Area**
FREN

**Course Title**
Academic Internship: French Language Field Experience

**Course Description**
On-the-job experience in French; research paper analyzing the experience and other requirements as graduate coordinator sees fit.

**Department**
French & Italian

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Program coordinator's consent

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Professional and Cultural | 192328, 1 |

**Learning Outcome**
Improve professional experience and appreciation of cultural practices in an international context.

## G E 101 - Physical Education

### Course Information

**Teaching Area (new)**
G E

**Course Number**
101

**Teaching Area**
G E

**Course Title**
Physical Education

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
18

## G E 102 - Physical Education

### Course Information

**Teaching Area (new)**
G E

**Course Number**
102

**Teaching Area**
G E

**Course Title**
Physical Education

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
18

## G E 106 - ACT Math

### Course Information

**Teaching Area (new)**
G E

**Course Number**
106

**Teaching Area**
G E

**Course Title**
ACT Math

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

## G E 110 - GE Social Science

### Course Information

**Teaching Area (new)**
G E

**Course Number**
110

**Teaching Area**
G E

**Course Title**
GE Social Science

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## G E 112 - Economic Principles and Problems

### Course Information

**Teaching Area (new)**
G E

**Course Number**
112

**Teaching Area**
G E

**Course Title**
Economic Principles and Problems

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

## G E 114 - American Government and Politics

### Course Information

**Teaching Area (new)**
G E

**Course Number**
114

**Teaching Area**
G E

**Course Title**
American Government and Politics

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

## G E 119 - General Education: Civilization 1

### Course Information

**Course Number**
119

**Teaching Area**
G E

**Course Title**
General Education: Civilization 1

**Department**
1449

**When Taught**
All Semesters/Terms

### Credit Hours

**Fixed**
3

## G E 120 - General Education: Civilization 2

### Course Information

**Course Number**
120
**Teaching Area**
G E
**Course Title**
General Education: Civilization 2
**Department**
1449
**When Taught**
All Semesters/Terms

#### Credit Hours

**Fixed**
3

## G E 121 - GE Arts

### Course Information

**Teaching Area (new)**
G E
**Course Number**
121
**Teaching Area**
G E
**Course Title**
GE Arts
**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## G E 122 - GE Letters

### Course Information

**Teaching Area (new)**
G E

**Course Number**
122

**Teaching Area**
G E

**Course Title**
GE Letters

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## G E 123 - General Education: Biological Sciences

### Course Information

**Course Number**
123

**Teaching Area**
G E

**Course Title**
General Education: Biological Sciences

**Department**
1449

**When Taught**
All Semesters/Terms

#### Credit Hours

**Fixed**
3

## G E 124 - General Education: Physical Science

### Course Information

**Course Number**
124
**Teaching Area**
G E
**Course Title**
General Education: Physical Science
**Department**
1449
**When Taught**
All Semesters/Terms

#### Credit Hours

**Fixed**
3

## G E 130 - GE Natural Science

### Course Information

**Teaching Area (new)**
G E
**Course Number**
130
**Teaching Area**
G E
**Course Title**
GE Natural Science
**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## G E 140 - GE Global and Cultural Awareness

### Course Information

**Teaching Area (new)**
G E

**Course Number**
140

**Teaching Area**
G E

**Course Title**
GE Global and Cultural Awareness

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## G E 150 - G E Chemistry

### Course Information

**Teaching Area (new)**
G E

**Course Number**
150

**Teaching Area**
G E

**Course Title**
G E Chemistry

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

## G E 211R - Arts and Letters

### Course Information

**Teaching Area (new)**
G E

**Course Number**
211R

**Teaching Area**
G E

**Course Title**
Arts and Letters

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## G E 220 - United States History

### Course Information

**Teaching Area (new)**
G E

**Course Number**
220

**Teaching Area**
G E

**Course Title**
United States History

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

## G E 221R - Natural Science

### Course Information

**Teaching Area (new)**
G E

**Course Number**
221R

**Teaching Area**
G E

**Course Title**
Natural Science

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Fixed**
18

## G E 221R - Natural Science

### Course Information

**Teaching Area (new)**
G E

**Course Number**
221R

**Teaching Area**
G E

**Course Title**
Natural Science

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
18

## G E 222R - Colloquium in Social and Behavioral Science

### Course Information

**Teaching Area (new)**
G E

**Course Number**
222R

**Teaching Area**
G E

**Course Title**
Colloquium in Social and Behavioral Science

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## G E 231R - Social and Behavioral Science

### Course Information

**Teaching Area (new)**
G E

**Course Number**
231R

**Teaching Area**
G E

**Course Title**
Social and Behavioral Science

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
18

## G E 231R - Social and Behavioral Science

### Course Information

**Teaching Area (new)**
G E

**Course Number**
231R

**Teaching Area**
G E

**Course Title**
Social and Behavioral Science

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
18

## G E 231R - Political Science Elective

### Course Information

**Teaching Area (new)**
G E

**Course Number**
231R

**Teaching Area**
G E

**Course Title**
Political Science Elective

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
18

## G E 241R - Colloquium in Natural Science

### Course Information

**Teaching Area (new)**
G E

**Course Number**
241R

**Teaching Area**
G E

**Course Title**
Colloquium in Natural Science

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## G E 301 - Advanced Writing

### Course Information

**Teaching Area (new)**
G E

**Course Number**
301

**Teaching Area**
G E

**Course Title**
Advanced Writing

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## G E 311R - Advanced Math/Foreign Language

### Course Information

**Teaching Area (new)**
G E

**Course Number**
311R

**Teaching Area**
G E

**Course Title**
Advanced Math/Foreign Language

**Course Description**
Not a valid course. Only to be used to apply credits to General Education requirements.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## GA 100 - Language Study: Ga

### Course Information

**Teaching Area (new)**
GA

**Course Number**
100

**Teaching Area**
GA

**Course Title**
Language Study: Ga

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Ga.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 195590, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 195592, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 195593, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

## GA 101 - First-Year Language Study: Ga

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GA | 101 |

**Teaching Area**
GA
**Course Title**
First-Year Language Study: Ga
**Course Description**
Beginning speaking, listening, reading, and writing skills in Ga.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

Min

## GA 102 - First-Year Language Study: Ga

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GA | 102 |

**Teaching Area**
GA
**Course Title**
First-Year Language Study: Ga
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Ga.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

Min

4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 195597, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195598, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195600, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195603, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GA 101 - First-Year Language Study: Ga

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 195607, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195609, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195610, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195614, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## GA 201 - Second-Year Language Study: Ga

### Course Information

**Teaching Area (new)**
GA
**Course Number**
201
**Teaching Area**
GA
**Course Title**
Second-Year Language Study: Ga
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Ga.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- GA 102 - First-Year Language Study: Ga

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |

## GA 202 - Second-Year Language Study: Ga

### Course Information

**Teaching Area (new)**
GA
**Course Number**
202
**Teaching Area**
GA
**Course Title**
Second-Year Language Study: Ga
**Course Description**
Continued emphasis on Ga communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- GA 201 - Second-Year Language Study: Ga

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an

| Elaboration | 195617, 1 |
|---|---|

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 195618, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 195619, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 195621, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 195624, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 195626, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195627, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 195629, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## GA 305 - Language Skills Development: Ga

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GA | 305 |

Teaching Area

## GA 321 - Advanced Grammar: Ga

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GA | 321 |

Teaching Area

Teaching Area
GA
Course Title
Language Skills Development: Ga
Course Description
Increasing proficiency in one or more of the following Ga language and culture skills: speaking, listening, reading, writing, cultural awareness.
Department
Language Studies
When Taught
Contact Department

## Credit Hours

Min
1

Fixed
4

Other Prerequisites
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 195632, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 195633, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 195634, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Teaching Area
GA
Course Title
Advanced Grammar: Ga
Course Description
Systematic review of grammar and syntax of Ga.
Department
Language Studies
When Taught
Contact Department

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GA 202 - Second-Year Language Study: Ga

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 195637, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 195639, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|

| Title | Tags |
| --- | --- |
| Independent Learning | 195641, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## GA 330 - Advanced Language Proficiency Through Cultural Studies: Ga

### Course Information

**Teaching Area (new)**
GA
**Course Number**
330
**Teaching Area**
GA
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Ga
**Course Description**
Study of Ga culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Ga 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 195643, 1 |

**Learning Outcome**
In both written and spoken target language, communicate

## GA 340 - Introduction to Literature: Ga

### Course Information

**Teaching Area (new)**
GA
**Course Number**
340
**Teaching Area**
GA
**Course Title**
Introduction to Literature: Ga
**Course Description**
Advanced study of Ga literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GA 330 - Advanced Language Proficiency Through Cultural Studies: Ga

**Additional Comments:**

**Note**

accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 195644, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195646, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195648, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 195651, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 195653, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 195656, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 195657, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## GA 350 - Advanced Language Study for Career Purposes: Ga

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GA | 350 |

**Teaching Area**
GA
**Course Title**
Advanced Language Study for Career Purposes: Ga
**Course Description**
Concentration on Ga language and culture issues for specific careers.
**Department**
Language Studies

## GEOG 100 - The Geographic Approach

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 100 |

**Teaching Area**
GEOG
**Course Title**
The Geographic Approach
**Course Description**
This course gives an overview of the discipline of geography and introduces students to the faculty and the geography major at BYU. In addition, the course helps students understand and prepare for future career and academic opportunities in their chosen field.
**Department**

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GA 330 - Advanced Language Proficiency Through Cultural Studies: Ga

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 195660, 1 |

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 195663, 2 |

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 195664, 3 |

Learning Outcome
Understand, interpret and analyze advanced-level written

Geography
When Taught
Fall; Winter.

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
|---|---|
| Explain Your Major | 182852, 2 |

Learning Outcome
Be able to explain to your parents, spouse, children, neighbor, a complete stranger why you are a geography major.

| Title | Tags |
|---|---|
| Conceptualize Geography | 182853, 1 |

Learning Outcome
Develop your own personal conceptual framework for the idea and disciplinary development of geography.

| Title | Tags |
|---|---|
| Know Your Faculty | 182854, 3 |

Learning Outcome
Be able to identify all of the faculty members in the department by name and area of interest.

| Title | Tags |
|---|---|
| Careers and Graduate school | 182855, 4 |

Learning Outcome
Be able to identify and target possible careers related to your program emphasis and/or potential graduate schools.

analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 195665, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195666, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## GEOG 101 - Global Environment: Understanding Physical Geography

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 101 |

**Teaching Area**
GEOG
**Course Title**
Global Environment: Understanding Physical Geography
**Course Description**
Physical environment, distribution and interrelationships of climates, landforms, ecosystems and their human significance.
**Department**
Geography
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## GEOG 110 - Landscapes of Disaster: An Introduction to Natural Hazards

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 110 |

**Teaching Area**
GEOG
**Course Title**
Landscapes of Disaster: An Introduction to Natural Hazards
**Course Description**
Exploring natural and social science of disturbances by analyzing causes, consequences, and role of human behavior in causing and mitigating natural disasters.
**Department**
Geography
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Outcome 1 | 182856, 1 |

Learning Outcome
To be conversant in the language and vocabulary of physical geography.

| Title | Tags |
| --- | --- |
| Outcome 2 | 182857, 2 |

Learning Outcome
Appreciate the extraordinary powers and delicate balances involved in the dynamic biophysical world in which you live.

| Title | Tags |
| --- | --- |
| Outcome 3 | 182858, 3 |

Learning Outcome
Make rational decisions with respect to current and future environmental challenges.

| Title | Tags |
| --- | --- |
| Outcome 4 | 182859, 4 |

Learning Outcome
Understand why biophysical phenomena occur where they do.

## GEOG 120 - Geography and World Affairs

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 120 |

Teaching Area
GEOG
Course Title
Geography and World Affairs
Course Description

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Dimensions of disasters | 182754, 1 |

Learning Outcome
Define and categorize environmental hazards along several dimensions, and situate disasters within their physical and societal contexts

| Title | Tags |
| --- | --- |
| Application of scientific principles and reasoning | 182755, 2 |

Learning Outcome
Use scientific principles and reasoning to evaluate environmental hazards, investigate the causes and consequences of disasters, and suggest appropriate mitigation and disaster reduction strategies

| Title | Tags |
| --- | --- |
| Interactions of Physical and Human Factors | 182756, 3 |

Learning Outcome
Evaluate the physical, cultural, and socioeconomic factors influencing human vulnerability to disasters in a global context

## GEOG 130 - Introduction to Human Geography

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 130 |

Teaching Area
GEOG
Course Title

Survey of the world, stressing geography of major political regions.

**Department**
Geography

**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| World knowledge | 182771, 1 |

**Learning Outcome**
Identify where all the countries of the world are located and, more importantly, learn about these "countries and kingdoms" that you might "be prepared in all things" (Doctrine and Covenants 88:78-79).

| Title | Tags |
| --- | --- |
| Interconnections | 182772, 2 |

**Learning Outcome**
Better understand the interconnectedness of the world so we will appreciate those who contribute to making our life so abundant and easy and so we will be more willing to help those who have less.

| Title | Tags |
| --- | --- |
| Stewardship | 182773, 3 |

**Learning Outcome**
Become better stewards of the earth through an increased

Introduction to Human Geography

**Course Description**
Culture distributions and their relationship to existing geographic phenomena.

**Department**
Geography

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Learning Outcome #2: Knowledge of Human Geography | 182906, 0, 2 |

**Learning Outcome**
Share an informed awareness of the great diversity of global human geography by examining elements such as language, religion, politics, and demographics at various geographic scales using geographic approaches, principles, and methodologies.

| Title | Tags |
| --- | --- |
| Learning Outcome #3: Basic Geographic Concepts | 182907, 0, 3 |

**Learning Outcome**
Articulate fundamental geographic concepts (e.g. distance, space, territoriality, location, place/region, scale, etc.) and be able to apply them to specific situations and experiences.

understanding of how human behavior impacts the environment and affects the lives of others.

| Title | Tags |
| --- | --- |
| Basic knowledge | 182776, 6 |

**Learning Outcome**
Develop an understanding of basic geographic terms.

| Title | Tags |
| --- | --- |
| Travel | 182777, 7 |

**Learning Outcome**
Learn to enjoy the journey by being a more observant, interested, adventuresome, and curious traveler.

| Title | Tags |
| --- | --- |
| World development | 182774, 0, 4 |

**Learning Outcome**
Understand what factors have led some regions of the world to be more developed than others.

| Title | Tags |
| --- | --- |
| Current affairs | 182775, 0, 5 |

**Learning Outcome**
Gain enough familiarity with the world to be a more informed reader of the daily news.

| Title | Tags |
| --- | --- |
| Learning Outcome #1: Thinking and Reasoning | 211147, 0, 1 |

**Learning Outcome**
Demonstrate proficiency in thinking and problem-solving skills by accurately interpreting evidence, statements, graphics, questions, etc.; identifying relevant arguments (reasons, claims, pros and cons, etc.); analyzing and evaluating alternative points of view; and fair-mindedly following where evidence and reason lead.

## GEOG 210 - Introduction to Urban and Regional Planning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 210 |

**Teaching Area**
GEOG
**Course Title**
Introduction to Urban and Regional Planning
**Course Description**
Introduction to the profession and practice of urban and regional planning.
**Department**
Geography
**When Taught**
Fall.

## GEOG 211 - Mapping Your World

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 211 |

**Teaching Area**
GEOG
**Course Title**
Mapping Your World
**Course Description**
Managing and portraying geospatial information to solve geographic tasks using maps (cartography), aerial and satellite imagery (remote sensing), location services (GPS), and quantitative methods.
**Department**
Geography
**When Taught**
Fall, Winter, Summer

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Understanding the History and Theory of Urban Planning

Tags
182801, 3

Learning Outcome

Explain the creation, use, and knowledge of comprehensive and other types of plans. (PAB 4.2.2e)

Title
Understanding the History and Theory of Urban Planning

Tags
182802, 4

Learning Outcome

Explain the adoption, administration and implementation of plans and related policy including knowledge of the relevant regulations (zoning, review processes), incentives, techniques (public finance and capital budgeting) and technologies, and agencies conducting planning or employing planners. (PAB 4.2.2f)

Title
Understanding the History and Theory of Urban Planning

Tags
182803, 5

Learning Outcome

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Thematic maps

Tags
182669, 5

Learning Outcome

When presented with a typical specimen, perform a simple interpretation of a thematic map (e.g. Choropleth, Isoline)

Title
The Big Three

Tags
182723, 0

Learning Outcome
Identify each component of the "Big Three" when using or observing geographic technologies. The Big Three includes 1) Geographic Information Systems, 2) Global Positioning Systems, and 3) Remote Sensing.

Title
Map Scale

Tags
182724, 1

Learning Outcome
Complete all typical map scale calculations related to land distance and area including unit conversions.

Title
Datum and Coordinate Systems

Tags
182725, 2

Learning Outcome
Give and take coordinate references in UTM and lat / long and convert between the two. select a datum and coordinate

Demonstrate knowledge of the ways in which planners and planning practice have succeeded in altering the policies, institutions, and decisions that oppose the needs of disadvantaged persons. (PAB 4.2.2g)

**Title**
Understanding the History and Theory of Urban Planning

**Tags**
182804, 1

**Learning Outcome**

Explain the purpose and meaning of planning and its ethical, visionary, and normative imperatives. (PAB 4.2.2a)

**Title**
Understanding the History and Theory of Urban Planning

**Tags**
182805, 2

**Learning Outcome**

Explain the history of urban planning practice and the development of urban planning profession in the United States. (PAB 4.2.2b)

system appropriate for a given job-related task. Explain the logic of and give / take a reference in the PLSS

**Title**
GPS

**Tags**
182726, 3

**Learning Outcome**
Configure a GPS receiver properly to use both with and without a map.
Lay-in and follow the course in a GPS receiver.

**Title**
Topographic Maps

**Tags**
182727, 4

**Learning Outcome**
Measure elevation, distance, direction, slope, and aspect from digital or paper topographic maps.
Perform a simple statistical analysis of data on a USGS topographic map.

## GEOG 212 - Introduction to Geographic Information Systems

### Course Information

**Teaching Area (new)**
GEOG

**Course Number**
212

**Teaching Area**
GEOG

**Course Title**
Introduction to Geographic Information Systems

**Course Description**
Concepts in the use of small- and large-scale digital map data, emphasizing landscape interpretation and feature description.

**Department**
Geography

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

## GEOG 217 - Programming for Geographers

### Course Information

**Teaching Area (new)**
GEOG

**Course Number**
217

**Teaching Area**
GEOG

**Course Title**
Programming for Geographers

**Course Description**
Object-oriented analysis of geographic information using Visual Basic.

**Department**
Geography

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| GIScience | 182514, 3 |

Learning Outcome
Understand basic spatial concepts and data models that form the foundation of GIS.

| Title | Tags |
| --- | --- |
| Data Management | 182689, 1 |

Learning Outcome
Acquire geospatial data from common sources and manipuate them for a specific application.

| Title | Tags |
| --- | --- |
| GIS Analysis | 182693, 2 |

Learning Outcome
Analyze data using GIS to solve real world problems.

| Title | Tags |
| --- | --- |
| GIS Applications | 182703, 3 |

Learning Outcome
Describe several applications in which GIS is used to solve geographic problems.

| Title | Tags |
| --- | --- |
| Cartography & Visualization | 182709, 4 |

Learning Outcome
Design and use maps to explore and communicate geospatial information.

## GEOG 222 - Statistics for Geographers 1

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Language Familiarity | 182815, 1 |

Learning Outcome
To introduce Visual C# 2010 specifically

| Title | Tags |
| --- | --- |
| Programming | 182816, 2 |

Learning Outcome
To introduce basic and intermediate programming approaches and constructs within a GIS / GPS / remote sensing context

| Title | Tags |
| --- | --- |
| Thinking | 182817, 3 |

Learning Outcome
To help build critical thinking skills related to computer programming in Geography

## GEOG 245 - Geography of Utah

## Course Information

**Teaching Area (new)**
GEOG

**Course Number**
222

**Teaching Area**
GEOG

**Course Title**
Statistics for Geographers 1

**Course Description**
Methodology of spatial analysis. Theory and techniques in geographic data description and population inference.

**Department**
Geography

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
LO1

**Tags**
182860, 1

**Learning Outcome**
Determine appropriate methods for identifying, collecting, and analyzing primary and secondary data and develop an understanding of the nature and limitations of data used in geographical analysis

**Title**
LO2

**Tags**
182861, 2

**Learning Outcome**
Explain basic descriptive and inferential statistical techniques (both spatial and aspatial) and identify what kind of methods would be appropriate for the solution of geographic questions/problems/issues

**Title**

**Tags**

## Course Information

**Teaching Area (new)**
GEOG

**Course Number**
245

**Teaching Area**
GEOG

**Course Title**
Geography of Utah

**Course Description**
Exploring geography of Utah. Topics include land forms, climate, agricultural and recreational economics, historical migration, Mormon cultural landscape, ethnic patterns, and rural-urban contrasts.

**Department**
Geography

**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Geog 101,120, 130

**Title**
Fundamental Principles of the Physical Environment

**Tags**
182864, 1

**Learning Outcome**
Understand the fundamental principles of the physical environment, the ongoing changes therein, and the interactions between the physical environment and human activity

**Title**
Understanding of current world societies

**Tags**
182865, 2

**Learning Outcome**
Explain the development and current activities of human societies at world, national and local scales

| | |
|---|---|
| LO3 | 182862, 3 |

**Learning Outcome**
Conduct moderately complex data analysis using appropriate computer software (e.g. SPSS, Excel, SpaceStat)

| Title | Tags |
|---|---|
| LO4 | 182863, 4 |

**Learning Outcome**
Demonstrate the practice of statistical thinking by taking a real-life problem and a potential statistical procedure, describe whether the procedure can be safely applied, accurately describe the implications of statistical outcomes on the practical problem at-hand (i.e. inference → practical conclusion), and cast judgment in short reports citing appropriate statistical components reflecting an engagement in self-learning and critical contemplation.

| Title | Tags |
|---|---|
| Practical and theoretical issues in Geography | 182866, 3 |

**Learning Outcome**
Study practical and theoretical issues in geography, using a variety of methods such as quantitative and qualitative analysis, documentary research, map analysis, geospatial technologies, and written communication

| Title | Tags |
|---|---|
| Evaluate and Recommend Solutions | 182867, 4 |

**Learning Outcome**
Evaluate the core human and environmental processes which create the context for global issues.
Recommend viable solutions to current world problems.

## GEOG 250 - United States and Canada

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GEOG | 250 |

**Teaching Area**
GEOG
**Course Title**
United States and Canada
**Course Description**
Analysis of the natural environment, historical development, cultural patterns, economic systems, and political structures of geographic regions.
**Department**
Geography
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## GEOG 255 - Middle and South America

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GEOG | 255 |

**Teaching Area**
GEOG
**Course Title**
Middle and South America
**Course Description**
Environmental, cultural, economic, and political parameters of Latin American societies.
**Department**
Geography
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Learning Outcome #1 | 182806, 1 |

Learning Outcome
Become familiar with the physical, cultural, and economic geography of the United States and Canada.

| Title | Tags |
| --- | --- |
| Learning Outcome #2 | 182807, 2 |

Learning Outcome
Recognize and understand the unique aspects of the North American landscape.

| Title | Tags |
| --- | --- |
| Learning Outcome #3 | 182808, 3 |

Learning Outcome
Appreciate the cultural complexities of the United States and Canada.

| Title | Tags |
| --- | --- |
| Learning Outcome #4 | 182809, 4 |

Learning Outcome
Be informed about current events happening within the regions under study.

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Informed Awareness of Latin American Geography | 207933, 7 |

Learning Outcome
To articulate an informed awareness of Middle and South America with its interplay of cultures, languages, and/or nations at an international level for both its physical and cultural components.

Physical Geography To describe the underlying physical "stage" of Latin America in relation to the distributions of people and their activities.
Cultural Geography To delineate the geographic structure of Latin America's cultural components including languages, ethnic groups, settlement patterns, and religious beliefs.

| Title | Tags |
| --- | --- |
| Collaboration | 207934, 4 |

Learning Outcome
To incorporate others' input to effectively enhance Latin American geographic understanding.

| Title | Tags |
| --- | --- |
| Writing | 207997, 3 |

Learning Outcome
To produce geographic writing and exhibit research skills that result in papers that are fluent, relevant, and creative.

| Title | Tags |
| --- | --- |
| Latin American Impact | 207998, 2 |

Learning Outcome
To explain the significance of Latin America's increasing impact on the world's economy, as well as the growing Hispanization of the United States and the Church of Jesus

Christ of Latter-day Saints.

| Title | Tags |
| --- | --- |
| Thoughtful Reflection | 207999, 6 |

**Learning Outcome**
To translate the gained awareness of Latin America into valid cross-cultural comparisons and nuanced understanding that can be shared with others.

| Title | Tags |
| --- | --- |
| Empathy | 208000, 5 |

**Learning Outcome**
To exhibit greater empathy and charity, and show a global perspective that incorporates others' points of view.

## GEOG 260 - Europe

### Course Information

**Teaching Area (new)**
GEOG
**Course Number**
260
**Teaching Area**
GEOG
**Course Title**
Europe
**Course Description**
Systematic approach to physical base, social and political problems, economic issues, and regional summary.
**Department**
Geography
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## GEOG 265 - Russia and the Former Soviet Union

### Course Information

**Teaching Area (new)**
GEOG
**Course Number**
265
**Teaching Area**
GEOG
**Course Title**
Russia and the Former Soviet Union
**Course Description**
Physical features, resources, political issues, economy and industries, population concerns, and role in world affairs.
**Department**
Geography
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Physical Geography | 182713, 1 |

Learning Outcome
To demonstrate the connection of the underlying physical "stage" of Europe to the distributions of people and their activities. This includes studying the locations and distributions of climates, mountains, rivers, and natural barriers of the region.

| Title | Tags |
| --- | --- |
| Geographic Themes | 182699, 0, 5 |

Learning Outcome
To describe how the "5 Themes of Geography" [Location, Place, Human Environment Interaction, Region, and Movement] relate to overall studies of the European realm.

| Title | Tags |
| --- | --- |
| Thoughtful Reflection | 212255, 0, 7 |

Learning Outcome
To translate the gained awareness of Europe into valid cross-cultural comparisons and nuanced understanding that can be shared with others.

| Title | Tags |
| --- | --- |
| Collaboration | 182696, 0, 0 |

Learning Outcome
To incorporate other students' input to effectively enhance European geographic understanding.

| Title | Tags |
| --- | --- |
| Cultural Geography | 182533, 0, 1 |

Learning Outcome
To describe the regional geographic structure of Europe's cultural components including languages, rural and urban landscapes, demographics, ethnic groups, and religions.

| Title | Tags |
| --- | --- |
| Writing | 182718, 0, 6 |

| Title | Tags |
| --- | --- |
| Geographic Interconnections | 182527, 1 |

Learning Outcome
To explicate and define the important historical and contemporary geographic linkages in the region including settlement structure and major industries (e.g., agriculture, manufacturing, tourism, and transportation).

| Title | Tags |
| --- | --- |
| Economic and Political Change | 182528, 2 |

Learning Outcome
To become knowledgeable concerning the ongoing geographical manifestations of political and economic restructuring in the modern era, including relationship to the European Union and other political entities.

| Title | Tags |
| --- | --- |
| Physical Geography | 182672, 5 |

Learning Outcome
To demonstrate the connection of the underlying physical "stage" of the region to the distributions of people and their activities. This includes studying the locations and distributions of climates, mountains, rivers, and natural barriers of the region.

| Title | Tags |
| --- | --- |
| Collaboration | 182673, 0 |

Learning Outcome
To use other students input to effectively enhance geographic understanding of the region.

| Title | Tags |
| --- | --- |
| Writing | 182682, 6 |

Learning Outcome
To write geographic research that is fluent, relevant, and creative.

Learning Outcome
To write geographic research on Europe that is fluent, relevant, and creative.

| Title | Tags |
| --- | --- |
| Geographic Interconnections | 182534, 0, 2 |

Learning Outcome
To explicate and define the important historical and contemporary geographic linkages in Europe including political restructuring, settlement geography, and major economic patterns (e.g., agriculture, manufacturing, tourism, and transportation).

| Title | Tags |
| --- | --- |
| Cultural Geography | 182712, 1 |

Learning Outcome
To comprehend the regional geographic structure of the region's cultural components including languages, demographics, ethnic groups, and religious beliefs.

| Title | Tags |
| --- | --- |
| Geographic Themes | 182716, 4 |

Learning Outcome
To grasp how the "5 Themes of Geography" [Location, Place, Human Environment Interaction, Region, and Movement] relate to our overall studies of this region.

## GEOG 271 - Middle East

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 271 |

Teaching Area
GEOG
Course Title
Middle East
Course Description
Physical and cultural geography of Southwest Asia and North Africa, emphasizing the cultural mosaic, geopolitics, environment, and resources of the region.
Department
Geography
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## GEOG 272 - East Asia

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 272 |

Teaching Area
GEOG
Course Title
East Asia
Course Description
Region of monsoon Asia and its basic human (demographics, nations and ethnic groups, settlement patterns, religious beliefs, transportation and communication systems, political structures), and physical geographic characteristics (land forms, physiography, climatic characteristics, and natural resources).
Department
Geography
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

| Title | Tags |
| --- | --- |
| Geographic Literacy | 182818, 1 |

**Learning Outcome**
Identify where all of the countries, important cities and regions of the Middle East are located along with significant physical features like mountains, rivers and seas.

| Title | Tags |
| --- | --- |
| Geographic Linkages | 182819, 2 |

**Learning Outcome**
Understand the linkages between geography (territory, location, climate, resources etc) and human activity

| Title | Tags |
| --- | --- |
| Peaceful Partitioning | 182820, 3 |

**Learning Outcome**
Apply geographic principles to better understand and perhaps modify the territorial divisions of the Middle East region.

| Title | Tags |
| --- | --- |
| Conflict Resolution | 182821, 4 |

**Learning Outcome**
Use written communication to describe, evaluate and resolve resource and territorial disputes between states and nations.

| Title | Tags |
| --- | --- |
| Global Awareness | 182822, 5 |

**Learning Outcome**
Develop a greater appreciation and understanding for the peoples and cultures of the region.

## GEOG 273 - Southeast Asia

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 273 |

**Teaching Area**
GEOG

**Fixed**
0

| Title | Tags |
| --- | --- |
| Learning Outcome #2 | 182878, 2 |

**Learning Outcome**
Gain an understanding of the natural geographic base of East Asia. This includes physiography, climates, natural resources, and natural hazards.

| Title | Tags |
| --- | --- |
| Learning Outcome #1 | 182879, 1 |

**Learning Outcome**
Gain an understanding of the geographic foundation of the East Asia region (China, Japan, South Korea, North Korea, and Taiwan) including demographics, social issues, settlement patterns, cultural attributes, agriculture systems, economics, and politics.

| Title | Tags |
| --- | --- |
| Learning Outcome #3 | 182886, 3 |

**Learning Outcome**
Learn the locations of countries, major cities, and physical features (e.g. rivers, mountains ranges, seas) of East Asia.

| Title | Tags |
| --- | --- |
| Learning Outcome #4 | 182887, 4 |

**Learning Outcome**
Obtain a framework of geographical concepts and approaches useful in analyzing events in East Asia and other parts of the world

## GEOG 280 - The Pacific Islands

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 280 |

**Teaching Area**
GEOG

**Course Title**
Southeast Asia
**Course Description**
Fundamental issues of geography relating to Southeast Asia, including the extraction and marketing of natural resources, economic development, neighborly relations, and how diffusion has influenced the unique cultural, religious, and linguistic characteristics of the region.
**Department**
Geography
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| LO1 | 182873, 1 |

**Learning Outcome**
Gain an understanding of the geographic foundation of the Southeast Asia region including demographics, social issues, settlement patterns, cultural attributes, agriculture systems, economics, and politics.

| Title | Tags |
| --- | --- |
| LO2 | 182874, 2 |

**Learning Outcome**
Gain an understanding of the natural geographic base of Southeast Asia. This includes physiography, climates, natural resources, and natural hazards.

| Title | Tags |
| --- | --- |
| LO3 | 182875, 3 |

**Learning Outcome**
Learn the locations of countries, major cities, and physical

**Course Title**
The Pacific Islands
**Course Description**
An examination of the physical, ecological and human environments of the Pacific islands, including the impacts of colonialism, warfare and military weapons testing, poverty, tourism, and environmental change in the region.
**Department**
Geography
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

features (e.g. rivers, mountains ranges, seas) of Southeast Asia.

| Title | Tags |
| --- | --- |
| LO4 | 182876, 4 |

**Learning Outcome**
Obtain a framework of geographical concepts and approaches useful in analyzing events in Southeast Asia and other parts of the world.

## GEOG 285 - Africa South of the Sahara

### Course Information

**Teaching Area (new)**
GEOG
**Course Number**
285
**Teaching Area**
GEOG
**Course Title**
Africa South of the Sahara
**Course Description**
Geographical analysis focusing on resource management, political issues, development, environmental problems, economic development, and urban-rural change; case studies from selected countries.
**Department**
Geography
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Outcome 1 | 182823, 1 |

**Learning Outcome**
At the end of the course the student should be able to apply to

## GEOG 303 - Biogeography

### Course Information

**Teaching Area (new)**
GEOG
**Course Number**
303
**Teaching Area**
GEOG
**Course Title**
Biogeography
**Course Description**
Broad-scale distribution of plants and animals. Theoretical and practical applications to conservation and effects of global environmental change.
**Department**
Geography
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Geog 101

| Title | Tags |
| --- | --- |
| Patterns of distribution | 182675, 1 |

**Learning Outcome**
Recognize and be able to explain

the realm and sub-regions of Africa a variety of geographic terms, concepts, and ideas.

| Title | Tags |
| --- | --- |
| Outcome 2 | 182824, 2 |

**Learning Outcome**
At the end of the course the student should be able to identify and analyze key global human and biophysical patterns and how Africa fits into, and is impacted by, these patterns.

| Title | Tags |
| --- | --- |
| Outcome 3 | 182825, 3 |

**Learning Outcome**
At the end of the course the student should be able to read and discuss Africa's current events with greater insight resulting from enhanced familiarity with the realm's human and biophysical geography.

patterns of plant and animal life at many different scales

| Title | Tags |
| --- | --- |
| Basic concepts | 182681, 0 |

**Learning Outcome**
Demonstrate an understanding of basic concepts and processes in biogeography

| Title | Tags |
| --- | --- |
| Human impacts | 182685, 2 |

**Learning Outcome**
Explain how humans have affected the distribution and diversity of plants and animals, and apply concepts to decisions regarding human use of the environment

| Title | Tags |
| --- | --- |
| Future changes | 182698, 4 |

**Learning Outcome**
Plan for future changes in species distributions and diversity as a result of environmental and human-induced pressures

| Title | Tags |
| --- | --- |
| Current research themes | 182714, 3 |

**Learning Outcome**
Demonstrate a knowledge of prominent professional biogeographers and ecologists and their current research themes

## GEOG 304 - Geography of Climates

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 304 |

**Teaching Area**
GEOG
**Course Title**
Geography of Climates
**Course Description**
Elements, controls, distribution, and classification of the earth's climates.
**Department**
Geography

## GEOG 305 - Geography of Landforms

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 305 |

**Teaching Area**
GEOG
**Course Title**
Geography of Landforms
**Course Description**
Elements of landforms: distributions and cultural significance.
**Department**
Geography
**When Taught**

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Geog 101

| Title | Tags |
| --- | --- |
| Impact of Weather Events | 182668, 2 |

Learning Outcome
Understand how extreme weather events occur and their potential impacts on humans.

| Title | Tags |
| --- | --- |
| Critical Thinking | 182687, 4 |

Learning Outcome
Improve writing, critical thinking and your ability to apply knowledge to solve geographic problems.

| Title | Tags |
| --- | --- |
| Methods of Collecting Data | 182691, 3 |

Learning Outcome
Understand the methods climatologists use to collect data about past and present climate.

| Title | Tags |
| --- | --- |
| World Climates | 182700, 0 |

Learning Outcome
Gain an understanding of the key determinants of the world's main climates

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Geog 101

| Title | Tags |
| --- | --- |
| Physical Landscape | 182674, 2 |

Learning Outcome
Examine a physical landscape and describe why it looks the way it does.

| Title | Tags |
| --- | --- |
| Human Impact | 182686, 3 |

Learning Outcome
Describe how human settlement and recreation patterns are influenced by landforms.

| Title | Tags |
| --- | --- |
| Landforms | 182688, 1 |

Learning Outcome
Explain the physical processes that produce landforms.

| Title | Tags |
| --- | --- |
| Dating Techniques | 182701, 4 |

Learning Outcome
Understand dating techniques geomorphologists use to understand earth's history.

| Title | Tags |
| --- | --- |
| History of Geomorphology | 182702, 0 |

| Title | Tags |
| --- | --- |
| Human Climate Change | 182707, 1 |

**Learning Outcome**
Gain an appreciation of the complex nature and implications of human climate change.

**Learning Outcome**
Examine the history of landform study and the key individuals in the history of geomorphology.

## GEOG 306 - Public Lands: Planning & Management

### Course Information

**Teaching Area (new)**
GEOG
**Course Number**
306
**Teaching Area**
GEOG
**Course Title**
Public Lands: Planning & Management
**Course Description**
Environmental and social geography of global protective land use designations: National Parks, Wilderness, Conservation areas, etc. Experience in building stakeholder collaborations to develop management plans.
**Department**
Geography
**When Taught**
Winter.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Public Land Policy | 182827, 0, 2 |

**Learning Outcome**
Explain the historical development of public land policy, especially the laws governing lands owned by the United States government, and how they interface with modern uses and issues.

## GEOG 307 - Spatial Analysis of Environmental Data

### Course Information

**Teaching Area (new)**
GEOG
**Course Number**
307
**Teaching Area**
GEOG
**Course Title**
Spatial Analysis of Environmental Data
**Course Description**
Introduction to a suite of quantitative spatial and spatio-temporal analysis tools, including landscape metric and fractal analysis, trend surface analysis, cluster analysis, analysis of scales of variation, geostatistics, point-to-point regression, and wavelet analysis.
**Department**
Geography
**When Taught**
Winter.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Geog 101 and 212

| Title | Tags |
| --- | --- |
| Research communication | 182676, 4 |

**Learning Outcome**
Identify and address a research question in environmental spatial analysis, and effectively communicate results orally and in writing.

| Title | Tags |
| --- | --- |
| Mapping public lands | 182826, 0, 1 |

**Learning Outcome**
Describe the geography of public land in a country, including its geographic distribution, history, and underlying principles.

| Title | Tags |
| --- | --- |
| Global conservation | 182828, 0, 3 |

**Learning Outcome**
Outline why and how protective designations have expanded globally, especially during the past fifty years.

| Title | Tags |
| --- | --- |
| Stakeholders | 182829, 0, 4 |

**Learning Outcome**
Value the wide variety of interests in public land management, including the ideology, issues, and institutional efforts of various stakeholders.

| Title | Tags |
| --- | --- |
| Making Management Decisions | 182830, 0, 5 |

**Learning Outcome**
Develop public land management decisions by bringing together stakeholders and resolving conflicts.

| Title | Tags |
| --- | --- |
| Literature | 182679, 2 |

**Learning Outcome**
Critique current literature in spatial analysis of the environment.

| Title | Tags |
| --- | --- |
| Pattern and process | 182704, 1 |

**Learning Outcome**
Describe the effects of scale on traditional environmental questions and issues.

| Title | Tags |
| --- | --- |
| Spatial analysis approaches | 182705, 0 |

**Learning Outcome**
Employ appropriate spatial analysis methods when approaching environmental geography problems.

| Title | Tags |
| --- | --- |
| Environmental Application | 182715, 5 |

**Learning Outcome**
Integrate spatial analysis concepts with conservation methods and current broad-scale environmental issues.

## GEOG 311 - Intermediate Geographic Information Systems

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 311 |

**Teaching Area**
GEOG
**Course Title**
Intermediate Geographic Information Systems
**Course Description**
Collecting, managing, and analyzing spatial data to solve common geographic tasks.
**Department**
Geography
**When Taught**
Winter

## GEOG 312 - Cartographic Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 312 |

**Teaching Area**
GEOG
**Course Title**
Cartographic Design
**Course Description**
Graphic perception, layout, typography, color, statistical methods, and symbolization of thematic maps through computer-aided techniques.
**Department**
Geography
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GEOG 212 - Introduction to Geographic Information Systems

**Additional Comments:**

| Title | Tags |
|---|---|
| Lifelong Learning | 182692, 4 |

**Learning Outcome**
Learn new concepts and technologies as needed to solve novel GIS management problems, with minimal supervision, using a variety of information resources.

| Title | Tags |
|---|---|
| Geographic Information Theory | 182722, 0 |

**Learning Outcome**
Understand the fundamental concepts of geographic information, and use those concepts to explain the core data models and procedures of GIS.

| Title | Tags |
|---|---|
| Spatial Analysis | 182904, 3 |

**Learning Outcome**
Perform common and novel GIS analysis procedures to solve practical geographic tasks.

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GEOG 211 - Mapping Your World
  **AND** GEOG 212 - Introduction to Geographic Information Systems

**Additional Comments:**

| Title | Tags |
|---|---|
| Map planning | 182912, 1 |

**Learning Outcome**
Develop a map-based solution for a given purpose and audience by planning an appropriate medium, scale, data layers, map type, and gestalt.

| Title | Tags |
|---|---|
| Data Management | 182913, 1 |

**Learning Outcome**
Gather and process the data needed for a map, such that it is appropriate in terms of detail, currency, relevance, and quality.

| Title | Tags |
|---|---|
| Design techniques | 182914, 3 |

**Learning Outcome**
Design maps that are clear, useful, and attractive, employing appropriate techniques such as thematic map types, composition, symbology, color,

| Title | Tags |
| --- | --- |
| Data Management | 182903, 0, 2 |

**Learning Outcome**
Obtain existing GIS data and create new data that are appropriate for a given need, and transform data sets to make them appropriate for a given project, using tools such as format conversion, reprojection, data entry and editing, and reclassification.

and text.

| Title | Tags |
| --- | --- |
| Learning from Critique | 182915, 4 |

**Learning Outcome**
Improve design skills through map critique, carefully evaluating the work of yourself and others to learn new techniques, best practices, and pitfalls to avoid.

| Title | Tags |
| --- | --- |
| Quality Design | 182916, 5 |

**Learning Outcome**
Expect top-quality work from yourself and put forth the effort necessary to produce this.

| Title | Tags |
| --- | --- |
| Cartographic Knowledge | 182917, 6 |

**Learning Outcome**
Explain the theoretical principles that form the basis of a given cartographic design technique, and practical guidelines for implementing it.

## GEOG 313 - Remote Sensing 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 313 |

**Teaching Area**
GEOG
**Course Title**
Remote Sensing 1
**Course Description**
Introduction to airborne and spaceborne sensors, including characteristics and image acquisition. Emphasizes land cover mapping applications appropriate for environment monitoring.
**Department**
Geography
**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

## GEOG 317 - Analytical Cartography

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 317 |

**Teaching Area**
GEOG
**Course Title**
Analytical Cartography
**Course Description**
Geocoding, spatial data representation, spatial algorithms, and map based transformations.
**Department**
Geography
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Basic remote sensing concepts | 182764, 1 |

Learning Outcome
Clearly communicate basic remote sensing concepts and applications.

| Title | Tags |
| --- | --- |
| Electromagnetic spectrum | 182765, 4 |

Learning Outcome
Outline the general characteristics of the electromagnetic spectrum and electromagnetic energy.

| Title | Tags |
| --- | --- |
| Image interpretation | 182766, 5 |

Learning Outcome
Demonstrate basic image interpretation skills.

| Title | Tags |
| --- | --- |
| Remote sensing data and techniques | 182767, 2 |

Learning Outcome
Describe remotely sensed data characteristics and methods of data acquisition, storage, and manipulation.

| Title | Tags |
| --- | --- |
| Remote sensing in geography and other geosciences | 182768, 3 |

Learning Outcome
Evaluate the role of remote sensing in geography and its relation to other geosciences.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOG 217 - Programming for Geographers

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Data structures and algorithms | 182517, 1 |

Learning Outcome
Students will be able to express simple data structures and algorithms in computer code. These data structures and algorithms will be illustrative of either raster or vector GIS.

| Title | Tags |
| --- | --- |
| Object oriented methods | 182518, 2 |

Learning Outcome
When given a simple geographic problem specification, students will be able to create computer methods and classes that address the problem or meet the specification.

| Title | Tags |
| --- | --- |
| Problem solving | 182519, 3 |

Learning Outcome
When presented with a problem amenable to the application of geographic computer programming (intermediate level difficulty), students will design and implement a software system including computer program(s) to solve the problem.

## GEOG 322 - Statistics for Geographers 2.

### Course Information

**Teaching Area (new)**
GEOG

**Course Number**
322

**Teaching Area**
GEOG

**Course Title**
Statistics for Geographers 2.

**Course Description**
Advanced techniques in geospatial analysis.

**Department**
Geography

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOG 222 - Statistics for Geographers 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Statistical Competence | 182520, 1 |

**Learning Outcome**
To master an advanced set of quantitative methods that are particularly appropriate for geographers, becoming especially skilled in one statistical area.

| Title | Tags |
|---|---|
| Determination | 182521. 2 |

## GEOG 331 - Economic Geography

### Course Information

**Teaching Area (new)**
GEOG

**Course Number**
331

**Teaching Area**
GEOG

**Course Title**
Economic Geography

**Course Description**
Introduction to economic processes and spatial patterns, emphasizing theoretical approaches, locational strategies, and changing economic land-use patterns.

**Department**
Geography

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Geog 100 or instructor's consent

| Title | Tags |
|---|---|
| Conceptualizing EconGeog | 182831, 1 |

**Learning Outcome**
Identify and discuss the basic concepts and theoretical frameworks in Economic Geography

| Title | Tags |
|---|---|
| Patterns and Trends | 182832, 2 |

**Learning Outcome**
Recognize and explain spatial patterns and trends of economic activities

| Title | Tags |
|---|---|
| Data and Methods | 182833, 3 |

Learning Outcome
To determine what quantitative methods are appropriate for answering different research questions.

| Title | Tags |
| --- | --- |
| Application | 182522, 3 |

Learning Outcome
To apply statistical analysis to geographic problems in a competent and worthwhile way

| Title | Tags |
| --- | --- |
| Research | 182523, 4 |

Learning Outcome
To develop and carry out an excellent research project complete with collaborative work and a crisp oral and professional visual presentation.

| Title | Tags |
| --- | --- |
| Knowledge | 182711, 4 |

Learning Outcome

To understand and appreciate published academic geographic research that uses a variety of quantitative methods.

Learning Outcome
Data: Locate, acquire, clean-up and use secondary economic data
Methods: Use various geographic tools of analysis to understand and visualize geographic trends and patters

| Title | Tags |
| --- | --- |
| Spatial Reasoning | 182834, 4 |

Learning Outcome
Use spatial quantitative reasoning to identify (and possible suggest viable solutions to) global problems/issues

## GEOG 336 - Urban Geography

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 336 |

**Teaching Area**
GEOG
**Course Title**
Urban Geography
**Course Description**
History and theory of urban development, including why cities exist and how cities function.
**Department**
Geography
**When Taught**
Fall

### Credit Hours

**Min**
3

## GEOG 341 - Political Geography

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 341 |

**Teaching Area**
GEOG
**Course Title**
Political Geography
**Course Description**
Spatial analysis of global politics; focus on geopolitics, territory and conflict, nationalism, and the politics of resources.
**Department**
Geography
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Understanding Human Settlement as it Relates to Planning

Tags
182757, 1

Learning Outcome
Demonstrate knowledge of the social sciences (history, economics, sociology, political science, anthropology, psychology, and geography) as they relate to human settlements including knowledge of the social and spatial structure of urban and regional systems, local public finance, economics of development, infrastructure provision, and effects of globalization.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Geographic Literacy

Tags
182835, 1

Learning Outcome
Identify where all of the countries of the earth are located along with other important political entities, cities and capitals

Title
Global Awareness

Tags
182836, 2

Learning Outcome
Become an informed reader of a daily international newspaper

Title
Geographic and Political Linkages

Tags
182837, 3

Learning Outcome
Understand the linkages between geography (territory, location, resources etc) and political actions and processes.

Title
Nationalism

Tags
182838, 4

Learning Outcome
Define and assess the relative importance of forces of conflict and cooperation among peoples, societies and states as they influence the division and control of the Earth's surface

Title
Establish World Peace

Tags
182839, 5

Learning Outcome
Use written and oral

communication to describe, evaluate and resolve territorial disputes between states and nations (people/minority groups).

## GEOG 346 - Population Geography

### Course Information

**Teaching Area (new)**
GEOG

**Course Number**
346

**Teaching Area**
GEOG

**Course Title**
Population Geography

**Course Description**
Spatial perspective on wide field of population studies, focusing on distribution, development, structure, and movement of populations, emphasizing basic demographic measures.

**Department**
Geography

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Geog 100 or instructor's consent

**Title**
Conceptualize

**Tags**
182840, 1

**Learning Outcome**
Distinguish and critically evaluate basic concepts and ideas in population geography

**Title**
Demographic Data

**Tags**
182841, 2

**Learning Outcome**

## GEOG 347 - Geography of Tourism

### Course Information

**Teaching Area (new)**
GEOG

**Course Number**
347

**Teaching Area**
GEOG

**Course Title**
Geography of Tourism

**Course Description**
Introduction to tourism as a field of study and the four elements of tourism: dynamic, service, functional, and consequential.

**Department**
Geography

**When Taught**
Fall.

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Title**
Geography and Tourism

**Tags**
182791, 1

**Learning Outcome**
Explain how geographers approach the study of travel and tourism using basic geographic concepts (e.g. location, place, diffusion, etc.)

**Title**
Tourism Issues

**Tags**
182792, 2

**Learning Outcome**
Analyze several geographical

Obtain, evaluate, and use demographic data

| Title | Tags |
| --- | --- |
| Methods | 182842, 3 |

**Learning Outcome**
Learn about and use various demographic methods

| Title | Tags |
| --- | --- |
| Analyze | 182843, 4 |

**Learning Outcome**
Analyze demographic data in order to answer important geographic questions

| Title | Tags |
| --- | --- |
| Context | 182844, 5 |

**Learning Outcome**
Situate your own life within the context of larger demographic patterns and trends

issues related to the theory and practice of tourism in various areas.

| Title | Tags |
| --- | --- |
| Tourism Benchmarks | 182793, 3 |

**Learning Outcome**
Identify and explain the historical "tourism benchmarks" that influenced the geography and nature of travel and tourism.

## GEOG 348 - International Perspectives on Tourism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 348 |

**Teaching Area**
GEOG
**Course Title**
International Perspectives on Tourism
**Course Description**
Patterns in international and domestic tourism; interrelationship between geography and tourism in understanding tourism patterns and their impact.
**Department**
Geography
**When Taught**
Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## GEOG 349 - Global Adventure Travel

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 349 |

**Teaching Area**
GEOG
**Course Title**
Global Adventure Travel
**Course Description**
Historical and emerging trends in global adventure travel and tourism. Detailed case studies selected from across world regions.
**Department**
Geography
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Global travel patterns | 182810, 1 |

Learning Outcome
Explain global travel patterns using a conceptual framework.

| Title | Tags |
| --- | --- |
| Travel outcomes | 182812, 3 |

Learning Outcome
Outline the reasons why some people travel and others do not.

| Title | Tags |
| --- | --- |
| Geography and tourism | 182813, 4 |

Learning Outcome
Describe the interrelationships between geography and tourism within domestic and international contexts..

| Title | Tags |
| --- | --- |
| Tourism impacts | 182814, 5 |

Learning Outcome
Summarize the impact of tourism on various regions / areas of the world.

## GEOG 350 - Sustainable Tourism Planning & Development

### Course Information

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| LO1 | 182845, 1 |

Learning Outcome
Following this course the student should be able to discuss the spatial and historical origins of adventure travel including connections early geographical exploration.

| Title | Tags |
| --- | --- |
| LO2 | 182846, 2 |

Learning Outcome
Following this course the student should be able to discuss and outline current geographic patterns in adventure travel--where, when, by whom, and why?

| Title | Tags |
| --- | --- |
| LO3 | 182847, 3 |

Learning Outcome
Following this course the student should be able to apply core geographic principles to case studies involving the evolution of adventure travel in specific places.

| Title | Tags |
| --- | --- |
| LO4 | 182848, 4 |

Learning Outcome
Following this course the student should be able to give specific examples of the impacts on places that have undergone transformations resulting from their emergence as popular adventure travel destinations.

## GEOG 353 - Heritage and Cultural Tourism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

**Teaching Area (new)**
GEOG
**Course Number**
350
**Teaching Area**
GEOG
**Course Title**
Sustainable Tourism Planning & Development
**Course Description**
Applying regional development and planning concepts, principles, and approaches to tourism destinations to enhance sustainable economic, ecological, and social development.
**Department**
Geography
**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Geog 347

**Title**
Tourism planning concepts
**Tags**
182784, 1

**Learning Outcome**
Define and explain key concepts and issues concerning tourism planning and tourism public policy.

**Title**
Tourism development approaches
**Tags**
182785, 2

**Learning Outcome**
Critically evaluate several important tourism devlopment approaches and models.

**Title**
Tourism demand and supply and sustainability
**Tags**
182786, 3

**Learning Outcome**
Identify key elements of demand

GEOG
353
**Teaching Area**
GEOG
**Course Title**
Heritage and Cultural Tourism
**Course Description**
Heritage and culture (places, people, relics, and traditions) as tourism resources examined within the context of supply and demand, conservation, interpretation, management, planning, and politics.
**Department**
Geography
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Geog 120, 130, 347, 348

**Title**
Learning Outcome #2
**Tags**
182797, 2

**Learning Outcome**
Explain why heritage attractions exist using geographic principles and concepts, including the factors of supply, demand and the reasons for conservation. Identify the various reasons why heritage sites are created and what this tells us about society.

**Title**
Learning Outcome #1
**Tags**
182796, 0, 1

**Learning Outcome**
Identify the concepts, theories, and approaches geographers use in the study of heritage and cultural tourism. Explain the role geography plays in this sub-discipline.

and supply in tourism planning within a sustainable tourism context.

| Title | Tags |
| --- | --- |
| Tourism stakeholders and policy | 182787, 4 |

**Learning Outcome**
Identify key stakeholders involved in tourism planning and policymaking.

| Title | Tags |
| --- | --- |
| Tourism and society | 182788, 5 |

**Learning Outcome**
Critically analyze the economic, environmental, social, and political aspects of tourism planning that promote long-term sustainable development.

| Title | Tags |
| --- | --- |
| Tourism planning and development | 182789, 6 |

**Learning Outcome**
Assess government and industry roles and responsibilities in tourism planning and policymaking that can be targeted to benefit local development opportunities.

## GEOG 399R - Academic Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 399R |

**Teaching Area**
GEOG
**Course Title**
Academic Internship
**Course Description**
On-the-job experience.
**Department**
Geography
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
6

## GEOG 410 - Urban Planning Methods

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 410 |

**Teaching Area**
GEOG
**Course Title**
Urban Planning Methods
**Course Description**
Applications of methods and techniques commonly used in the urban planning process, emphasizing data collection and analysis, fieldwork, and writing skills.
**Department**
Geography
**When Taught**
Winter

### Credit Hours

**Min**
3

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOG 100 - The Geographic Approach

**Additional Comments:**

**Note**
3 hours required. No more than 3 hours total in cooperative education may be counted in major. An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Internship | 182684, 0 |

**Learning Outcome**
Complete a supervised internship in an employment setting or agency related to geography.Link academic learning with these professional experiences.Complete a minimum of 45 hands-on hours per credit.

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Geog 310

| Title | Tags |
| --- | --- |
| Understanding the History and Theory of Urban Planning | 182889, 1 |

**Learning Outcome**
Demonstrate planning methods that anticipate and envision future changes to society and the built environment, such as knowledge of forecasts, risk assessment, futures scenarios and other tools for creating plan alternatives. (PAB 4.2.2d)

| Title | Tags |
| --- | --- |
| Possess the Skills Needed to Practice Planning | 182890, 0, 2 |

**Learning Outcome**
Use numerical reasoning and computation skills to conduct quantitative analysis of social and geographic information for basic professional planning purposes, problems and projects. (PAB 4.2.3d.)

| Title | Tags |
| --- | --- |
| Planning and Forecasting Methods | 210656, 0, 3 |

**Learning Outcome**
Use forecasts and scenarios to anticipate and describe future changes in society and the built environment. (PAB 4.2.3g)

## GEOG 411 - Issues in Computer Cartography

## GEOG 412 - Advanced Geographic Information Systems

## Cartography

### Course Information

**Teaching Area (new)**
GEOG

**Course Number**
411

**Teaching Area**
GEOG

**Course Title**
Issues in Computer Cartography

**Course Description**
Current techniques for compilation, integration, and display of digital map data.

**Department**
Geography

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GEOG 312 - Cartographic Design

**Additional Comments:**

| Title | Tags |
|---|---|
| Application Development | 182900, 3 |

**Learning Outcome**
Use programming to develop a geospatial application that integrates GIS, Remote Sensing, and Cartography.

| Title | Tags |
|---|---|
| Web Map Design | 182901, 2 |

**Learning Outcome**
Design effective maps and

## Information Systems

### Course Information

**Teaching Area (new)**
GEOG

**Course Number**
412

**Teaching Area**
GEOG

**Course Title**
Advanced Geographic Information Systems

**Course Description**
Performing geographic tasks in resource management decision support and scientific research using spatial data management and analysis tools and techniques.

**Department**
Geography

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GEOG 212 - Introduction to Geographic Information Systems **AND** GEOG 311 - Intermediate Geographic Information Systems

**Additional Comments:**

**Recommended**
Geog 222

| Title | Tags |
|---|---|
| Continued Learning | 182736, 3 |

**Learning Outcome**
Independently learn and implement new tools and procedures.

| Title | Tags |
|---|---|

interactive web interfaces to serve a particular audience and purpose.

| Title | Tags |
| --- | --- |
| Lifelong Learning | 182902, 4 |

**Learning Outcome**
Learn new skills, technologies, and techniques on your own, using a variety of learning resources.

| Title | Tags |
| --- | --- |
| Data collection | 210591, 0, 1 |

**Learning Outcome**
Prepare high qualiry data needed for a cartographic project, including existing sources and new data.

| Title | Tags |
| --- | --- |
| Geographic Data Management | 182737, 1 |

**Learning Outcome**
Obtain or create geographic data that is appropriate for a particular GIS need, and manage that data using technologies that are appropriate for that need.

| Title | Tags |
| --- | --- |
| Analysis Procedures | 182918, 2 |

**Learning Outcome**
Evaluate a geographic task (whether scientific or managerial), and develop and implement an analysis procedures to solve it.

| Title | Tags |
| --- | --- |
| GIScience | 182919, 4 |

**Learning Outcome**
Explain how the theoretical concepts of geography and geographic information form the basis of a geospatial dataset or spatial analytical procedure, and the problematic issues that may be inherent in them.

| Title | Tags |
| --- | --- |
| Professional Habits | 182920, 5 |

**Learning Outcome**
Given a task, produce high-quality results in a timely manner, and effectively communicate those results through written, oral, and visual means.

## GEOG 413 - Remote Sensing 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 413 |

**Teaching Area**
GEOG
**Course Title**
Remote Sensing 2
**Course Description**
Computer processing of low-altitude and satellite images for geographic analysis of physical and cultural phenomena on earth.
**Department**
Geography
**When Taught**

## GEOG 414 - Low Altitude, Large-Scale Image Acquisition and Processing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 414 |

**Teaching Area**
GEOG
**Course Title**
Low Altitude, Large-Scale Image Acquisition and Processing
**Course Description**
Small Unmanned Aerial Systems (sUAS) provide high-quality aerial imagery. Emphasizes flight planning, acquisition, and processing of sUAS data to study a variety of complex natural and human systems.

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOG 313 - Remote Sensing 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Data Pre-processing | 182717, 0, 0 |

Learning Outcome
Understand and implement remote sensing pre-processing techniques.

| Title | Tags |
|---|---|
| Image Classification | 182690, 0, 1 |

Learning Outcome
Perform image classification and evaluate classification accuracy.

| Title | Tags |
|---|---|
| Change Detection | 182683, 0, 2 |

Learning Outcome
Understand and perform change detection.

| Title | Tags |
|---|---|
| Problem Solving | 182670, 0, 3 |

Learning Outcome

Prepare and sit for FAA commercial sUAS license exam.

Department
Geography
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Geog 212, 213, 313

| Title | Tags |
|---|---|
| Complex urban environments | 182897, 1 |

Learning Outcome
Understand the complexity and heterogeneity of the urban environment.

| Title | Tags |
|---|---|
| Geospatial technologies | 182898, 2 |

Learning Outcome
Use Geographic Information Systems and remote sensing to map the biotic and abiotic components of the urban environment.

| Title | Tags |
|---|---|
| Model urban processes | 182899, 3 |

Learning Outcome
Use geospatial technologies to map and model complex urban processes.

Learning Outcome
Complete an entire remote sensing project from beginning to end.

## GEOG 415R - Geographic Field Methods

### Course Information

Teaching Area (new)
GEOG
Course Number
415R
Teaching Area
GEOG
Course Title
Geographic Field Methods
Course Description
Learning different methods used by geographers in the field through hands-on involvement in real faculty research.
Department
Geography
When Taught
Contact Department

### Credit Hours

Min
1
Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 101 - Global Environment: Understanding Physical Geography

Additional Comments:

Title
Field Work and the Scientific Method
Tags
182752, 1

Learning Outcome
Practice the scientific method, including developing research questions, conceptual framework, research design, sample collection, and data analysis

## GEOG 421 - Urban Planning Law

### Course Information

Teaching Area (new)
GEOG
Course Number
421
Teaching Area
GEOG
Course Title
Urban Planning Law
Course Description
The political and legal context within which urban planning takes place.
Department
Geography
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lab Hours

Fixed
0

Recommended
Geog 310

Title
Understanding Human Settlements
Tags
182891, 1

Learning Outcome
Demonstrate knowledge of constitutional rights and principles, state and local government law, administrative rules and regulations, especially those focusing on the use and taxation of land. (PAB 4.2.1d)

Title
Understanding the History and Theory of Urban Planning
Tags
182892, 2

Learning Outcome
Explain the laws and policies relating to environmental planning and the principles and

| Title | Tags |
| --- | --- |
| Communication skills | 182753, 2 |

**Learning Outcome**
Communicate scientific research by developing a professional-quality poster and presentation

| Title | Tags |
| --- | --- |
| Literature | 182694, 3 |

**Learning Outcome**
Conduct a thorough review of scientific literature to establish a conceptual framework for your research question.

| Title | Tags |
| --- | --- |
| FIeldwork | 182695, 1 |

**Learning Outcome**
Develop an appropriate field research design and carry it out, including sampling of vegetation and environmental data

| Title | Tags |
| --- | --- |
| Communication | 182706, 4 |

**Learning Outcome**
Communicate your research results orally and in writing

| Title | Tags |
| --- | --- |
| Analysis | 182710, 2 |

**Learning Outcome**
Conduct laboratory and statistical analysis of data collected in the field

| Title | Tags |
| --- | --- |
| Research question and hypotheses | 182720, 0 |

**Learning Outcome**
Develop a specific research question with testable hypotheses

scientific support for assessing the capacity of natural and built resources. (PAB 4.2.2h)

| Title | Tags |
| --- | --- |
| Understand the different values and ethical standards affecting the practice of planning | 182893, 3 |

**Learning Outcome**
Demonstrate ability to comprehend and discriminate among the goals that an individual, group, community and organization holds when considering the future including the values of justice, equity, fairness, efficiency, order and beauty. (PAB 4.2.4a)
Demonstrate ability to assess and choose among different forms of democratic decision making that support and improve the quality of plans and planning related activity including the values of fair representation, equal opportunity and non-discrimination. (PAB 4.2.4b)
Demonstrate ability to compare and respect the complex social, historical and ecological legacies that accompanies urban settlement across the globe including the values of social equity, cultural and historical preservation and environmental conservation and sustainability. (PAB 4.2.4c)

## GEOG 422 - Principles of Urban Design

**Course Information**

## GEOG 424 - Urban Transportation Planning

**Course Information**

## Course Information

**Teaching Area (new)**
GEOG

**Course Number**
422

**Teaching Area**
GEOG

**Course Title**
Principles of Urban Design

**Course Description**
Theories and principles of urban design emphasizing specific design criteria. Planning and design tools used within the U.S. by local government. Basic principles of architecture and landscape architecture. Field trips.

**Department**
Geography

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Recommended**
Geog 310

**Title**
Understanding Human Settlements

**Tags**
182546, 1

**Learning Outcome**
Demonstrate knowledge of the design arts (architecture, landscape architecture, art, urban design) including knowledge about the relationship between the design of the built environment and its functional, aesthetic and social precedents and consequences.

**Title**
Possess the Skills Needed to Practice Planning

**Tags**
182680, 1

**Learning Outcome**
Use written, oral and graphic skills to compose clear, accurate and compelling text, images and maps in documents and oral

## Course Information

**Teaching Area (new)**
GEOG

**Course Number**
424

**Teaching Area**
GEOG

**Course Title**
Urban Transportation Planning

**Course Description**
Theories and principles of transportation planning emphasizing environmental, energy, economic, and social issues.

**Department**
Geography

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Geog 310, 410

**Title**
Understanding Human Settlements

**Tags**
182895, 1

**Learning Outcome**
Demonstrate knowledge of the social sciences (history, economics, sociology, political science, anthropology, psychology, geography) as they relate to human settlements including knowledge of the social and spatial structure of urban and regional systems, local public finance, economics of development, infrastructure provision and effects of globalization. (PAB 4.2.1a)

**Title**
Understanding the History and Theory of Urban Planning

**Tags**
182896, 2

**Learning Outcome**
Demonstrate knowledge of the institutions that both shape and

presentations.

respond to plans and planning-related activities: including knowledge of the economic, social and political institutions that influence planning and that are susceptible to purposeful change. At a minimum this study should include institutions across scale (e.g. local to global) and sector (e.g. public, private and nonprofit). (PAB 4.2.2c)

## GEOG 441 - Seminar in Geography and Geospatial Intelligence 1.

### Course Information

**Teaching Area (new)**
GEOG

**Course Number**
441

**Teaching Area**
GEOG

**Course Title**
Seminar in Geography and Geospatial Intelligence 1.

**Course Description**
Capstone seminar, part 1, for students in geospatial intelligence emphasis, emphasizing synthesis of material learned in major and application of knowledge and skills through research project.

**Department**
Geography

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| The intelligence community | 182728, 5 |

**Learning Outcome**
Understand the intelligence community in the US, with

## GEOG 442 - Seminar in Geography and Geospatial Intelligence 2

### Course Information

**Teaching Area (new)**
GEOG

**Course Number**
442

**Teaching Area**
GEOG

**Course Title**
Seminar in Geography and Geospatial Intelligence 2

**Course Description**
Capstone seminar part 2 for students in geospatial intelligence emphasis, emphasizing synthesis of material learned in major and application of knowledge and skills through research project.

**Department**
Geography

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOG 441 - Seminar in Geography and Geospatial

special emphasis on deficiencies and the need to improve it in accordance with 9/11 commission recommendations. Understand the need for intelligence in a time of continuing symmetric and assymetric threats. Be able to list the qualities required in an intelligence officer. Describe the ethics of an intelligence officer.

| Title | Tags |
| --- | --- |
| Components of intelligence | 182729, 4 |

**Learning Outcome**
Describe the use of intelligence collection (e.g. SIGINT, HUMINT), as welll as structured methods of analyzing the collected data. These are critical thinking methods. Be able to write intelligence reports (dissemination) at an introductory level. To a large extent, this is competence in all areas traditionally called the intelligence cycle.

| Title | Tags |
| --- | --- |
| National security | 182730, 7 |

**Learning Outcome**
Be able to discuss the major national security threats of the US as well as the actors of those threats. This will be done both topically (e.g. WMD) as well as by discussing current events (e.g. IS in Iraq). Students will also be able to analyze threats to national security as well as compose threat assessments of professional quality (given limited open-source data).

| Title | Tags |
| --- | --- |
| All-source intelligence. | 182735, 6 |

**Learning Outcome**
Demonstrate the need for all-source Intelligence as well as how to gather it, analyze it, and disseminate it. Students will be able to write reports (of entry level quality) from deep-search all-source intellligence.

- GEOG 441 - Seminar in Geography and Geospatial Intelligence 1.

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Components of Intelligence | 182731, 1 |

**Learning Outcome**
Describe the use of intelligence collection (e.g. SIGINT, HUMINT), as welll as structured methods of analyzing the collected data. These are critical thinking methods. Be able to write intelligence reports (dissemination) at an introductory level. To a large extent, this is competence in all areas traditionally called the intelligence cycle.

| Title | Tags |
| --- | --- |
| The Intelligence Community | 182732, 2 |

**Learning Outcome**
Understand the intelligence community in the US, with special emphasis on deficiencies and the need to improve it in accordance with 9/11 commission recommendations. Understand the need for intelligence in a time of continuing symmetric and assymetric threats. Be able to list the qualities required in an intelligence officer. Describe the ethics of an intelligence officer.

| Title | Tags |
| --- | --- |
| All-source Intelligence | 182733, 3 |

**Learning Outcome**
Demonstrate the need for all-source Intelligence as well as how to gather it, analyze it, and disseminate it. Students will be able to write reports (of entry level quality) from deep-search all-source intellligence.

| Title | Tags |
| --- | --- |
| National security | 182734, 4 |

**Learning Outcome**
Be able to discuss the major national security threats of the US as well as the actors of those threats. This will be done both

topically (e.g. WMD) as well as by discussing current events (e.g. IS in Iraq). Students will also be able to analyze threats to national security as well as compose threat assessments of professional quality (given limited open-source data).

## GEOG 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
GEOG

**Course Number**
477R

**Teaching Area**
GEOG

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
Geography

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Sc Ed 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

## GEOG 487 - Environment and Society: A Geographic Perspective

### Course Information

**Course Number**
487

**Teaching Area**
GEOG

**Course Title**
Environment and Society: A Geographic Perspective

**Course Description**
Exploration of the dynamic relationship between the environment and human society from a geographic perspective.

**Department**
Geography

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Learning Outcome |
| --- | --- |
| Geographic knowledge | Communicate geographic concepts, tools, and methodologies for analyzing the interaction between human societies and the environment. |

| | Learning Outcome |
| --- | --- |
| | Identify, analyze, and critically assess various environmental |

| | |
|---|---|
| **Title**<br>Environmental issues | issues and challenges facing communities and societies on local, regional, and global scales. |

| | |
|---|---|
| **Title**<br>Resource management | **Learning Outcome**<br>Describe the principles of resource management and the challenges of balancing resource utilization with conservation goals. |

| | |
|---|---|
| **Title**<br>Communication and collaboration | **Learning Outcome**<br>Collaborate with other stakeholders to effectively to address environmental challenges and issues. |

| | |
|---|---|
| **Title**<br>Geographic application | **Learning Outcome**<br>Apply geographic knowledge and skills to real-world environmental challenges and propose practical solutions and policy recommendations. |

## GEOG 489 - Geographic Approaches to Contemporary Issues

### Course Information

**Course Number**
489
**Teaching Area**
GEOG
**Course Title**
Geographic Approaches to Contemporary Issues
**Course Description**
Application of geographic approaches to analyze and address current global issues.
**Department**
Geography
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

## GEOG 493R - Special Problems

### Course Information

**Teaching Area (new)**
GEOG
**Course Number**
493R
**Teaching Area**
GEOG
**Course Title**
Special Problems
**Course Description**
Exploration of specific systematic or regional geographic themes.
**Department**
Geography
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5
**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Geography major or departmental approval

Geography major or departmental approval

**Lab Hours**

Fixed
0

| Title | Learning Outcome |
| --- | --- |
| Geographic methods | Apply key geographic concepts, theories, and methods. |
| Geographic approaches | Model how to approach contemporary global, regional, and local issues from a geographic perspective by seeing how faculty and others do it. |
| Skills | Develop critical thinking, problem-solving, and data analysis skills using geographic data and methods. |
| Communication | Enhance communication skills by presenting reasoned information on pressing issues and proposing informed solutions. |

| Title | Tags |
| --- | --- |
| Special Topics | 182678, 0 |

Learning Outcome
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literature for a topic of interest in geography.

| Title | Tags |
| --- | --- |
| Supported learning | 182769, 1 |

Learning Outcome
Students will learn to investigate a problem on their own with the support of a faculty member.

## GEOG 495R - Mentored Research

### Course Information

Teaching Area (new)
GEOG
Course Number
495R
Teaching Area
GEOG
Course Title
Mentored Research
Course Description
Participating in research integrating material learned in major. Emphasizes individual or collaborative research and creative thinking through active learning and reflective analysis.
Department
Geography
When Taught
All Semesters/Terms

**Credit Hours**

Min
1

Fixed

## GEOG 501R - Seminar in Geography

### Course Information

Teaching Area (new)
GEOG
Course Number
501R
Teaching Area
GEOG
Course Title
Seminar in Geography
Course Description
Detailed investigation of selected systematic and regional geographic topics.
Department
Geography
When Taught
Contact Department

**Credit Hours**

Min
0.5

Fixed

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Mentored Research | 182708, 0 |

Learning Outcome
Students will conduct research with a mentoring professor which may include literature reviews, data collection, data coding, data management, data analysis, constructing statistical tables, writing proposals for conferences, and writing manuscripts to be submitted for publication.

| Title | Tags |
| --- | --- |
| Learning on your own | 182770, 1 |

Learning Outcome
Students will learn to investigate a problem on their own with the support of a faculty member.

3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Topical expertise | 182749, 1 |

Learning Outcome
Students will become familiar with current topics in this content area.

| Title | Tags |
| --- | --- |
| Collaboration | 182750, 2 |

Learning Outcome
Within the seminar environment, students will build and strengthen their ability to collaborate while they develop understanding in the content area.

| Title | Tags |
| --- | --- |
| Participation & Writing | 182751, 3 |

Learning Outcome
Students will learn the value of consistent class participation through class discussions and written work that is peer-reviewed.

## GEOG 503 - Geographic Information Systems

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 503 |

Teaching Area
GEOG
Course Title
Geographic Information Systems
Course Description
Using geographic information for solving advanced spatial problems. Introduction to using and producing maps and computer-based geographic information systems (GIS) as geographic tools. Hands-on research applications in the students' disciplines.
Department
Geography
When Taught
Fall and Winter

## GEOG 510 - Professional Planning Studio

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOG | 510 |

Teaching Area
GEOG
Course Title
Professional Planning Studio
Course Description
Assessing problem and issue identification, goal formulation, data gathering, synthesis and summary, plan concept and format, and public policy adoption while writing a general plan for a community in Utah.
Department
Geography
When Taught
Fall

### Credit Hours

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Graduate standing
**Note**
For nonmajors who have not taken Geog 211 or 212 or equivalent.

| Title | Tags |
| --- | --- |
| GIScience | 182868, 1 |

**Learning Outcome**
Understand basic spatial concepts and data models that form the foundation of GIS.

| Title | Tags |
| --- | --- |
| GIS Applications | 182869, 2 |

**Learning Outcome**
Describe several applications in which GIS is used to solve geographic problems.

| Title | Tags |
| --- | --- |
| GIS Analysis | 182870, 3 |

**Learning Outcome**
Analyze data using GIS to solve real world problems.

| Title | Tags |
| --- | --- |
| Data Management | 182871, 4 |

**Learning Outcome**
Acquire geospatial data from common sources and manipulate them for a specific application.

| Title | Tags |
| --- | --- |
| Cartography and Visualization | 182872, 5 |

**Learning Outcome**

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Geog 410

| Title | Tags |
| --- | --- |
| Community Connection | 182758, 2 |

**Learning Outcome**
Work with diverse communities, especially communities consisting of disadvantaged groups and persons and racial and ethnic minorities, or immigrant communities. (PAB 4.2.3i)

| Title | Tags |
| --- | --- |
| Plan implementation | 182759, 3 |

**Learning Outcome**
Use techniques for the adoption and implementation of plans including relevant regulations, incentives, techniques and technologies. (PAB 4.2.3h)

| Title | Tags |
| --- | --- |
| Plan preparation | 182760, 4 |

**Learning Outcome**
Use ideas about the creation of plans, programs or projects to prepare an individually crafted product for a specific planning purpose and audience; demonstrating skill and judgment preparing a planning project that meets minimum professional standards. (PAB 4.2.3f)

| Title | Tags |
| --- | --- |
| Collaboration | 182761, 5 |

Design and use maps to explore and communicate geospatial information.

**Learning Outcome**
Collaborate with peers in joint learning activities organized to produce a plan or planning product for a relevant professional clientele, to mediate disagreements, to interpret contested purposes, and to negotiate between diverse and competing interests. (PAB 4.2.3e)

| Title | Tags |
|---|---|
| Communication | 182762, 6 |

**Learning Outcome**
Use written, oral and graphic skills to compose clear, accurate and compelling text, images and maps in documents and oral presentations. (PAB 4.2.3c)

| Title | Tags |
|---|---|
| Problem solving | 182763, 1 |

**Learning Outcome**
Use problem solving skills to select, diagnose and solve relevant aspects of a complex planning problem including attention to the needs and interests of diverse stakeholders and the guidance provided by conceptual and empirical expertise. (PAB 4.2.3a)

## GEOG 521R - Geographic Information Practicum

### Course Information

**Teaching Area (new)**
GEOG
**Course Number**
521R
**Teaching Area**
GEOG
**Course Title**
Geographic Information Practicum
**Course Description**
Integration of various geographic technologies to solve a practical problem. Advanced topics in GIS, remote sensing, cartography, and programming as needed.
**Department**
Geography
**When Taught**
Fall and Winter

### Credit Hours

**Min**

## GEOL 100 - Dinosaurs

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
100
**Teaching Area**
GEOL
**Course Title**
Dinosaurs
**Course Description**
Hands-on examination of vertebrate fossils -- especially dinosaurs. For nonscience majors. Field trips.
**Department**
Geological Sciences
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**

3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOG 212 - Introduction to Geographic Information Systems **AND** GEOG 217 - Programming for Geographers

**Additional Comments:**

Recommended
Geog 222, 311, 312, 313, 317, 412.

| Title | Tags |
|---|---|
| Practicum | 182671, 0 |

Learning Outcome
Students will learn integration of various geographic technologies to solve a practical problem using advanced topics in GIS, remote sensing, cartography, and programming as needed.

| Title | Tags |
|---|---|
| Application Development | 182849, 1 |

Learning Outcome
Use programming to develop an geospatial application that integrates GIS, Remote Sensing, and Cartography.

| Title | Tags |
|---|---|
| Web Map Design | 182850, 2 |

Learning Outcome
Design effective maps and interactive web interfaces to serve a particular audience and purpose.

3

## Lecture Hours

Fixed
1

## Lab Hours

Fixed
2

| Title | Tags |
|---|---|
| Relationship between Science & Religion | 204515, 1 |

Learning Outcome
Be able participate in meaningful discussions on the relationships of science and religion.

| Title | Tags |
|---|---|
| Deep Time, Diversity of Life, Plate Tectonics | 204516, 2 |

Learning Outcome
Confidently explain the relationships between deep time, the diversity of life, and plate tectonics.

| Title | Tags |
|---|---|
| How Science Works | 204517, 3 |

Learning Outcome
Be able to explain how science works via examples from geology and paleontology.

| Title | Tags |
|---|---|
| Awe & Wonder | 204518, 4 |

Learning Outcome
Have an infectious sense of awe and wonder for today's biotic and abiotic realms as part of an ever-changing Earth.

| Title | Tags |
|---|---|
| Genealogy of the Dinosauria | 204519, 5 |

Learning Outcome
Using cladistic methods be able to explain the basic phylogenetic relationships within Dinosauria,

| Title | Tags |
| --- | --- |
| Lifelong Learning | 182851, 3 |

**Learning Outcome**
Learn new skills, technologies, and techniques on your own, using a variety of learning resources.

## GEOL 101 - Introduction to Geology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 101 |

**Teaching Area**
GEOL
**Course Title**
Introduction to Geology
**Course Description**
Cultural focus on physical and environmental geology for nonscience majors; rocks and minerals. Field trips.
**Department**
Geological Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Tectonic System | 204627, 2 |

**Learning Outcome**
1. Learn the basic evidences and ideas that support the Theory of Plate Tectonics.2. Understand how the plate tectonic system works, including the role of the

including birds.

## GEOL 102 - Geological Field Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 102 |

**Teaching Area**
GEOL
**Course Title**
Geological Field Studies
**Course Description**
Outdoor examination of geological processes via afternoon canyon hikes and other hands-on activities.
**Department**
Geological Sciences
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Note**
For nonscience majors.

| Title | Tags |
| --- | --- |
| Geologic Time | 204660, 3 |

**Learning Outcome**
1. Gain a greater insight into the enormous length of geologic time and the evidences that support this claim.2. Learn the different ways that scientists can determine geologic ages.

different types of plate boundaries and the forces that help to drive the system.3. Learn how the plate tectonic system has helped to shape the Earth's surface.

| Title | Tags |
| --- | --- |
| Geologic Time | 204631, 3 |

**Learning Outcome**
1. Gain a greater insight into the enormous length of geologic time and the evidences that support this claim.2. Learn the different ways that scientists can determine geologic ages.

| Title | Tags |
| --- | --- |
| Hydrologic System | 204657, 1 |

**Learning Outcome**
1. Understand how the hydrologic system helps to shape the Earth and how the different sub-systems interact.2. Learn the reasons for climate change in both ancient and modern times.

| Title | Tags |
| --- | --- |
| Other Planets | 204661, 4 |

**Learning Outcome**
Learn how and why the other planets and moons in our solar system are different from Earth.

| Title | Tags |
| --- | --- |
| Rocks and Minerals | 204665, 0 |

**Learning Outcome**
1. Understand the difference between minerals and rocks.2. Be able to identify common rocks and minerals.3. Know where and when the basic rock and mineral types form and how they are related to the hydrologic and tectonic systems.

| Title | Tags |
| --- | --- |
| Graphics | 204806, 5 |

**Learning Outcome**
Understand and utilize scientific graphs, charts, maps, and images.

| Title | Tags |
| --- | --- |
| Hydrologic System | 204679, 1 |

**Learning Outcome**
1. Understand how the hydrologic system helps to shape the Earth and how the different sub-systems interact.2. Learn the reasons for climate change in both ancient and modern times.

| Title | Tags |
| --- | --- |
| Rocks and Minerals | 204701, 0 |

**Learning Outcome**
1. Understand the difference between minerals and rocks.2. Be able to identify common rocks and minerals.3. Know where and when the basic rock and mineral types form and how they are related to the hydrologic and tectonic systems.

| Title | Tags |
| --- | --- |
| Tectonic System | 204752, 2 |

**Learning Outcome**
1. Learn the basic evidences and ideas that support the Theory of Plate Tectonics.2. Understand how the plate tectonic system works, including the role of the different types of plate boundaries and the forces that help to drive the system.3. Learn how the plate tectonic system has helped to shape the Earth's surface.

## GEOL 103 - Life of the Past

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
103

**Teaching Area**
GEOL

**Course Title**
Life of the Past

**Course Description**
Cultural focus on historical geology for nonscience majors; fossils. Field trips.

**Department**
Geological Sciences

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
1

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

## GEOL 105 - Diamonds and Gems

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
105

**Teaching Area**
GEOL

**Course Title**
Diamonds and Gems

**Course Description**
Hands-on examination of diamonds and gems with particular emphasis on discriminating naturally occurring from man-made products. Field trips and lab studies.

**Department**
Geological Sciences

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
1

## GEOL 108 - Climate and the Earth System

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
108

**Teaching Area**
GEOL

**Course Title**
Climate and the Earth System

**Course Description**
Chemical, physical, and biological processes shaping the Earth's surface and climate, emphasizing quantitative methods for measuring and evaluating contemporary climate and environmental changes relative to the last several thousand years.

**Department**

## GEOL 109 - Geology of the Planets

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
109

**Teaching Area**
GEOL

**Course Title**
Geology of the Planets

**Course Description**
Origins and distinctive histories of the planets in our solar system as revealed by study of their surface features.

**Department**
Geological Sciences

**When Taught**

Geological Sciences
**When Taught**
Contact Department

Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
For nonscience and science majors.

| Title | Tags |
|---|---|
| Fundamentals | 204760, 1 |

**Learning Outcome**
Define and describe the components and dynamics of Earth's climate system.

| Title | Tags |
|---|---|
| Climate Change | 204761, 2 |

**Learning Outcome**
Discuss the causes (forcings) of climate change, the natural response of the many components of Earth's climate system to those forcings, and the interactions and feedbacks among these components.

| Title | Tags |
|---|---|
| Climate History | 204762, 3 |

**Learning Outcome**
Evalute the evidence for and causes of climate change throughout Earth's history and assess the role of greenhouse gases within the climate system at multiple time scales (from tectonic-scale changes to anthropogenic changes).

| Title | Tags |
|---|---|
| Quantitative Reasoning | 204763, 4 |

| Title | Tags |
|---|---|
| Scientific Method | 204520, 1 |

**Learning Outcome**
Learn to piece together new information, draw inferences, reexamine older geological theories based only on our terrestrial experience, and formulate new theories about the way planets behave and how they originated. Finally, you may be able to propose novel ways to test these new ideas.

| Title | Tags |
|---|---|
| History of the Solar System | 204521, 2 |

**Learning Outcome**
Be able to reconstruct the histories of the planets, their moons, and other bodies.

| Title | Tags |
|---|---|
| Geology Fundamentals | 204522, 3 |

**Learning Outcome**
Understand the fundamental principles of geology by studying the development of the planetsin the solar system.

| Title | Tags |
|---|---|
| Life on Earth | 204523, 4 |

**Learning Outcome**

Learning Outcome
Quantify the response of the climate system to changes in climate forcings through problem sets and laboratory experiments. Use these results to critically evaluate climate sensitivity and climate change over time.

Gain a greater appreciation of how our own planet functions and why it is uniquely suited for life.

## GEOL 110 - Geological Science Laboratory

### Course Information

Teaching Area (new): GEOL
Course Number: 110
Teaching Area: GEOL
Course Title: Geological Science Laboratory
Course Description: Minerals, rocks, and landforms; the use of topographic and geologic maps; the interpretation of aerial photos.
Department: Geological Sciences
When Taught: Fall

### Credit Hours

Min: 1
Fixed: 1

### Lecture Hours

Fixed: 0

### Lab Hours

Fixed: 2

Simple Requisites

Prerequisites
Type: Prerequisite

Prerequisites
Complete ALL of the following Courses:
- GEOL 101 - Introduction to Geology

Additional Comments:

## GEOL 111 - Physical Geology

### Course Information

Teaching Area (new): GEOL
Course Number: 111
Teaching Area: GEOL
Course Title: Physical Geology
Course Description: Materials, structure, and surface features of the earth and the geologic processes involved in their development. Field trips and lab studies, use of aerial photos.
Department: Geological Sciences
When Taught: Fall

### Credit Hours

Min: 4
Fixed: 4

### Lecture Hours

Fixed: 3

### Lab Hours

Fixed: 2

Title: Writing
Tags: 204524, 4

Learning Outcome
Learn some fundamental skills in preparation to conduct research and ultimately write research papers in other classes, including:
1. Using online databases (GEOREF, Web of Science) to

| Title | Tags |
| --- | --- |
| Geological Materials | 204634, 0 |

**Learning Outcome**
1. Learn the basic mineral types, how they form, and how they differ structurally.2. Understand how minerals are put together to form rocks.3. Learn the names and how to recognize the basic sedimentary, igneous, and metamorphic rock types.

| Title | Tags |
| --- | --- |
| Tectonic Sytems | 204676, 2 |

**Learning Outcome**
1. Learn the basic workings of the Earth's tectonic system and the evidences that support the plate tectonic theory. Successfully complete lab activities that elucidate these concepts.2. Understand how to interpret geologic structures and rocks in terms of the tectonic system.

| Title | Tags |
| --- | --- |
| Hydrosphere | 204681, 1 |

**Learning Outcome**
1. Understand the basic atmospheric and hydrologic systems and how they affect the Earth's rocks. Demonstrate this by completing lab activities treating this subject.2. Learn how man has influenced these systems and what the possible future outcomes of this influence might be.

| Title | Tags |
| --- | --- |
| Science and Society | 204727, 3 |

**Learning Outcome**
1. Understand the nature of fossil fuel resources, their origin, and the magnitude of reserves of coal, oil, natural gas, etc.2. Understand the nature of metallic resources, including their origin, distribution across the globe, and the magnitude of reserves.3. Appreciate the environmental consequences of fossil fuel and metallic resource extraction.4. Become aware of the major hazards posed by earthquakes, volcanic eruptions, and their attendant phenomena.5. Understand the fundamental processes that regulate the climate, as well as the role of human activity in climate change.

| Title | Tags |
| --- | --- |
| Geology, the Environment, and Humankind | 204525, 5 |

**Learning Outcome**
1. Understand the nature of fossil fuel resources, their origin, and the magnitude of reserves of coal, oil, natural gas, etc.
2. Understand the nature of metallic resources, including their origin, distribution across the globe, and the magnitude of reserves.
3. Appreciate the environmental consequences of fossil fuel and metallic resource extraction.
4. Become aware of the major hazards posed by earthquakes, volcanic eruptions, and their attendant phenomena.
5. Understand the fundamental processes that regulate the climate, as well as the role of human activity in climate change.

| Title | Tags |
| --- | --- |
| Dynamics of the Hydrosphere | 204644, 1 |

**Learning Outcome**
1. Understand the basic atmospheric and hydrologic systems and how they affect the Earth's rocks.2. Learn how man has influenced these systems and what the possible future outcomes of this influence might be.

obtain information on a particular topic.
2. Using online resources (Refworks) to manage and format references.
3. Reading articles in the primary geologic literature and drawing out primary information such as the topic of and article and its conclusions even if the student is not prepared (at this stage) to understand the methodology employed.
4. Appreciate the need to properly format cited literature in a research paper.
5. Learn the content and proper voice for the abstract of a research paper.

phenomena3. Understand the fundamental processes that regulate the climate, as well as the role of human activity in climate change.6.Complete lab activities that demonstrate the relationship between geological processes and human activities.

| Title | Tags |
| --- | --- |
| Earth Materials | 204680, 0 |

**Learning Outcome**
1. Learn the basic mineral types, how they form, and how they differ structurally.2. Understand how minerals are put together to form rocks.3. Learn the names and how to recognize the basic sedimentary, igneous, and metamorphic rock types.

| Title | Tags |
| --- | --- |
| Dynamics of the Tectonosphere | 204730, 2 |

**Learning Outcome**
1. Learn the basic workings of the Earth's tectonic system and the evidences that support the plate tectonic theory.2. Understand how to interpret geologic structures and rocks in terms of the tectonic system.

| Title | Tags |
| --- | --- |
| Introduction to Earth Systems and Heat Transfer | 204756, 5 |

**Learning Outcome**
1. Learn or review the large scale features of the Earth's interior and exterior, including the basic features of the tectonic and hydrological systems.2. Appreciate the role of heat transfer, and in particular convection, in making both the hydrosphere and tectonosphere dynamic.

## GEOL 112 - Historical Geology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 112 |

**Teaching Area**
GEOL
**Course Title**
Historical Geology
**Course Description**
Developmental history of the earth, its landforms, and life forms, emphasizing the North American continent. Field trips and lab studies.
**Department**
Geological Sciences
**When Taught**
Winter

## GEOL 113 - Historical Geology Lab

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 113 |

**Teaching Area**
GEOL
**Course Title**
Historical Geology Lab
**Course Description**
Applying fossils, rocks, stratigraphy, correlation, and geologic maps to interpret Earth's history.
**Department**
Geological Sciences
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOL 111 - Physical Geology

**Additional Comments:**

| Title | Tags |
|---|---|
| Fundamentals | 204526, 1 |

**Learning Outcome**
Demonstrate understanding of the fundamentals of uniformitarianism and the scientific methods for determining the relative and absolute ages of Earth materials and events.

| Title | Tags |
|---|---|
| Sedimentary Rock Record | 204527, 2 |

**Learning Outcome**
Demonstrate a basic understanding of the origin and historical significance of sedimentary rocks. Be able to identify common clastic and non-clastic sedimentary rock types in hand sample and on outcrop. Be able to determine the depositional environment from rock type and outcrop pattern. Understand the age and significance of Sloss' depositional sequences.

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Geol 103 or concurrent enrollment.
**Note**
This course is for students who have completed GEOL 103 (Life of the Past) and who would like to get credit for GEOL 112 (Historical Geology).

| Title | Tags |
|---|---|
| The Record of Life | 204793, 1 |

**Learning Outcome**
Be able to recognize the nature and mode of fossil preservation. Be able to identify the major invertebrate fossil groups and signify the environmental significance of each. Use fossils to recognize the age of sedimentary strata.

| Title | Tags |
|---|---|
| Geological Maps | 204794, 2 |

**Learning Outcome**
Be able to decipher the geological history of an area from a geological map.

| Title | Tags |
| --- | --- |
| The Record of Life | 204528, 3 |

**Learning Outcome**
Be able to recognize the nature and mode of fossil preservation. Be able to identify the major invertebrate fossil groups and signify the environmental significance of each. Use fossils to recognize the age of sedimentary strata.

| Title | Tags |
| --- | --- |
| Descent with Modification | 204529, 4 |

**Learning Outcome**
Demonstrate a basic knowledge of organic evolution including the key concepts of natural selection and its role in producing the fossil record. Be able to explain the evidence that led Darwin to the theory of natural selection as well as post-Darwinian discoveries.

| Title | Tags |
| --- | --- |
| Ecological Evolution | 204530, 5 |

**Learning Outcome**
Understand that modern Earth is a product of the coevolution of the biosphere, lithosphere, atmosphere, and hydrosphere over 4.6 billion years of earth history. Demonstrate knowledge of key biological, depositional, tectonic, and climatic events in the context of the geological timescale.

| Title | Tags |
| --- | --- |
| Geological Maps | 204531, 6 |

**Learning Outcome**
Be able to decipher the geological history of an area from a geological map.

| Title | Tags |
| --- | --- |
| Communicating Science | 204532, 7 |

**Learning Outcome**
Demonstrate mastery of a scientific concept and ability to convey that concept to a body of peers using PowerPoint and/or other professional means.

## GEOL 210 - Field Studies

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
210

**Teaching Area**
GEOL

**Course Title**
Field Studies

**Course Description**
Procedures in observing, collecting, and recording field data concerning properties of rock units.

**Department**
Geological Sciences

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
9

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GEOL 111 - Physical Geology
  **AND** GEOL 112 - Historical Geology

**Additional Comments:**

**Note**
Contact Geological Sciences Department before April 15 for dates of upcoming August trip.

| Title | Tags |
| --- | --- |
| Geologic Tools | 204533, 1 |

**Learning Outcome**
Learn how to take accurate and complete field notes.
Learn how to use a compass to

## GEOL 230 - Earth Data Visualization

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
230

**Teaching Area**
GEOL

**Course Title**
Earth Data Visualization

**Course Description**
Introduction to writing within the discipline and designing and creating publishable geologic maps and illustrations. Tools include ArcGIS, Adobe Illustrator, and Photoshop. Student portfolio initiated.

**Department**
Geological Sciences

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GEOL 111 - Physical Geology

**Additional Comments:**

Learn how to use a compass to measure strike and dip on outcrops in the field.
Learn how to read topographic and geologic maps and relate the map to what you see in the field.

**Title**
Collecting and Interpreting Geologic Data

**Tags**
204534, 3

**Learning Outcome**
Learn the basics of making a geologic map.
Learn how to interpret the geology on a map to draw a geologic cross-section.
Write up the results of data you collected along with your interpretation in a clear, consise manner.

**Title**
Rock and Minerals

**Tags**
204535, 2

**Learning Outcome**
Review rocks and minerals learned in earlier courses and be able to accurately identify them in the field.
Understand the relationships between igneous rocks and minerals and magmatic processes.
Understand the relationships between metamorphic rocks and minerals and the processes that formed them.
Understand the significance of sedimentary rocks in understanding depositional systems and regional tectonics.

**Title**
Field Observation

**Tags**
204536, 4

**Learning Outcome**
Become detailed observers of field geology

**Title**
Utah's National Parks

**Tags**
204537, 5

**Learning Outcome**
Understand the formative processes of the geology of Utah's National Parks including Zion NP, Bryce Canyon NP, and Capitol Reef NP.

| Title | Tags |
| --- | --- |
| Landscape Evolution | 204538, 6 |

**Learning Outcome**
Develop an understanding of the interelationships of stratigraphy, structural geology, and surficial processes on landscape evolution.

## GEOL 330 - Engineering Geology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 330 |

**Teaching Area**
GEOL
**Course Title**
Engineering Geology
**Course Description**
Geological processes and materials bearing on engineering practices. Field trips.
**Department**
Geological Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

## GEOL 351 - Mineralogy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 351 |

**Teaching Area**
GEOL
**Course Title**
Mineralogy
**Course Description**
Principles of crystallography and crystal chemistry. Physical, chemical, and crystallographic properties of minerals.
**Department**
Geological Sciences
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 112 - Calculus 1

**Additional Comments:**

**Other Prerequisites**
Chem 105 or 111 or concurrent enrollment

| Title | Tags |
| --- | --- |
| Fundamentals | 204543, 1 |

**Learning Outcome**
Demonstrate understanding of the fundamental ideas that govern the arrangement of atoms into a crystalline structure (chemical bonding, atomic size, coordination number, polymerization of polyhedra, bond strength and bond valence, stability, etc.)

| Title | Tags |
| --- | --- |
| Symmetry of Crystals | 204544, 2 |

**Learning Outcome**
Demonstrate a basic understanding of atomic level symmetry. Enumerate and describe the crystal systems in terms of both symmetry and unit-cell metrics, recognize symmetry elements in well-formed natural crystals, and determine crystal classes of such crystals.

| Title | Tags |
| --- | --- |
| Instrumental Methods | 204545, 3 |

**Learning Outcome**
Describe the applications and limitations of important instrumental/analytical methods used in mineralogy.

| Title | Tags |
| --- | --- |
| Mineral Identification | 204546, 4 |

**Learning Outcome**
Identify specimens of the 60-70 most common minerals at least 70% of the time.

| Title | Tags |
| --- | --- |
| Phenomena | 204547, 5 |

**Learning Outcome**
Demonstrate an understanding of the mechanisms and implications of various mineralogical phenomena, including solid solution, exsolution, polymorphism, atomic ordering, polytypism,

color, and twinning.

| Title | Tags |
| --- | --- |
| Relationships | 204548, 6 |

**Learning Outcome**
Discuss the interrelationships among crystallography, composition, and the physical properties of minerals.

| Title | Tags |
| --- | --- |
| Application | 204549, 7 |

**Learning Outcome**
Demonstrate the ability to apply principles learned to minerals not specifically encountered in the course.

| Title | Tags |
| --- | --- |
| Computer Software | 204550, 8 |

**Learning Outcome**
Use computer software for reduction of mineralogical data and be able to discuss its limitations.

| Title | Tags |
| --- | --- |
| Scientific Inquiry and Writing | 204551, 9 |

**Learning Outcome**
Demonstrate the ability to work in teams to collect and analyze mineralogical data and incorporate it into an original, high quality research paper on an assigned subject of mineralogical significance.

## GEOL 352 - Petrology

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
352
**Teaching Area**
GEOL
**Course Title**
Petrology
**Course Description**
Compositions, fabrics, and field relations of igneous and metamorphic rocks; behavior of rock-forming systems. Field trips.
**Department**
Geological Sciences
**When Taught**

## GEOL 370 - Sedimentology and Stratigraphy

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
370
**Teaching Area**
GEOL
**Course Title**
Sedimentology and Stratigraphy
**Course Description**
Erosion; sediment entrainment, transport, and deposition; depositional systems and facies analysis; principles of stratigraphy. Field trips.
**Department**
Geological Sciences
**When Taught**

Winter

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** GEOL 210 - Field Studies
  **AND** GEOL 351 - Mineralogy

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 111 - Principles of Chemistry 1
  **AND** GEOL 210 - Field Studies
  **AND** GEOL 351 - Mineralogy

**Additional Comments:**

| Title | Tags |
|---|---|
| Magma Generation and Evolution | 204552, 1 |

Learning Outcome
Explain how magmas form and differentiate at divergent and convergent plate boundaries and at mantle plumes.

| Title | Tags |
|---|---|
| Metamorphism | 204553, 2 |

Learning Outcome
Describe how metamorphic rocks

Winter

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOL 112 - Historical Geology
  **AND** GEOL 210 - Field Studies
  **AND** GEOL 230 - Earth Data Visualization

**Additional Comments:**

| Title | Tags |
|---|---|
| Application of Concepts | 204555, 1 |

Learning Outcome
Apply problem solving, critical thinking, and communication skills relative to depositional models and interpreting the stratigraphic record.

| Title | Tags |
|---|---|
| Depositional Systems | 204556, 2 |

Learning Outcome
Understand depositional systems, facies relationships, and introductory aspects of sequence stratigraphy.

| Title | Tags |
|---|---|
| Process Sedimentology | 204557, 3 |

Learning Outcome
Discuss processes and forces that weather, transport, and deposit

form and their relationships to global tectonics.

| Title | Tags |
| --- | --- |
| Petrography | 204554, 3 |

**Learning Outcome**
Identify the minerals and rock types using hand samples and thin sections of the major rock types.

sedimentary grains under both sunaqueous and subarial conditions.

| Title | Tags |
| --- | --- |
| Rock Classification | 204558, 4 |

**Learning Outcome**
Observe and describe sedimentary rocks objectectively. Gain the ability to communicate using appropriate scientific vocabulary.

## GEOL 375 - Structural Geology

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
375
**Teaching Area**
GEOL
**Course Title**
Structural Geology
**Course Description**
Geometric, kinematics, and dynamic analysis of tectonic structures. Several studies will be conducted in the field.
**Department**
Geological Sciences
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

## GEOL 399R - Academic Internship

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
399R
**Teaching Area**
GEOL
**Course Title**
Academic Internship
**Department**
Geological Sciences
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5
**Fixed**
9

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Experience | 204721, 0 |

**Learning Outcome**
Gain experience in a real world work or research lab that will strengthen your understanding of the concepts learned in class.

Complete ALL of the following courses:

- GEOL 210 - Field Studies
  **AND** GEOL 230 - Earth Data Visualization
  **AND** MATH 112 - Calculus 1

**Additional Comments:**

**Other Prerequisites**
Geol 351 or concurrent enrollment; Phscs 105 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| General Statement of Course Objectives | 204559, 1 |

**Learning Outcome**
My goal is for each of student to learn to become a part of the ongoing conversation about how Earth's crust deforms. This means learning the language of structural geology and using it to share the discoveries they make for themselves. Discoveries in structural geology come through applying best-fit kinematic and dynamic models to geometric reconstructions of observed geological structure. The discovery is complete when they are communicated effectively through writing, illustrations and oral presentation.

| Title | Tags |
| --- | --- |
| Identify in the field and interpret the major deformational | 204560, 2 |

**Learning Outcome**
1. Identify and measure brittle Structure (extensional and shear fractures, fault-related folds)
2. Identify and measure ductile Structure (flow folds, cleavage, foliation and rock fabrics)

| Title | Tags |
| --- | --- |
| Conduct a geometric structural analysis | 204561, 3 |

**Learning Outcome**
1. Acquire reliable measurements of the geometry of structures with a compass
2. Present and manipulate data using stereographic projection
3. Interpret stress and kinematic histories from structural measurements
4. Infer geometry of subsurface and missing parts of structures from measurements in order to construct a viable geologic cross-section.

**Title**
Conduct a kinematic structural analysis

**Tags**
204562, 4

**Learning Outcome**
1. Identify and interpret sense-of-shear indicators associated with both brittle and ductile structures in the field
2. Reconstruct the deformation path of a structural feature or deformed region

**Title**
Conduct a Dynamic Sturctural Analysis

**Tags**
204563, 5

**Learning Outcome**
1. Derive the normal and shear stress components for rock failure from lab data.
2. Use these results to derive the constituitive equations for deformation
3. Quantify the contribution of each deformational mechanism in a region.

**Title**
Forecast the next major earthquake along the Wasatch Fault

**Tags**
204564, 6

**Learning Outcome**
1. Measure the orientation, slip rate and direction of the Wasatch Fault
2. Combine these measurements with GPS and EDM results on strain accumulation rates
3. Determine the most likely location and magnitude of the next large earthquake along the Wasatch Fault.

**Title**
Societal relevance of structural geology

**Tags**
204565, 7

**Learning Outcome**
1. Use structural data to predict the best location to drill for water, oil and gas.
2. Use structural data to predict the location of mineral resources
3. Use structural data to predict the environmental impact of toxic waste disposal

## GEOL 405 - Applied Mathematics in the Geological Sciences

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
405

**Teaching Area**
GEOL

**Course Title**
Applied Mathematics in the Geological Sciences

**Course Description**
Provides a broad survey of mathematical methods that are relevant for geological problems. Focuses on casting geological problems in mathematical terms and solving them. Strong emphasis on setting up equations and on the quality of written solutions.

**Department**
Geological Sciences

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GEOL 111 - Physical Geology
  **AND** MATH 113 - Calculus 2

**Additional Comments:**

**Recommended**
Geol 230

| Title | Tags |
|---|---|
| Mathematical Methods | 204764, 1 |

**Learning Outcome**

## GEOL 411 - Geomorphology and Remote Sensing

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
411

**Teaching Area**
GEOL

**Course Title**
Geomorphology and Remote Sensing

**Course Description**
Interpretive analysis of landforms and their geologic significance. Use of aerial/satellite images of Earth and other planets, topographic/bathymetric maps, multi-wavelength image data. Field trips.

**Department**
Geological Sciences

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- GEOL 111 - Physical Geology

Prerequisites

**Complete ALL of the following Courses:**
- GEOL 330 - Engineering Geology

**Additional Comments:**

Determine appropriate mathematical methods to solve a given geological problem.

| Title | Tags |
| --- | --- |
| Mathematical Solutions | 204765, 2 |

**Learning Outcome**
Set up equations describing geological problems and solve them symbolically.

| Title | Tags |
| --- | --- |
| Quantitative Reasoning | 204766, 3 |

**Learning Outcome**
Discuss the relevance of a given quantitative solution to our understanding of the geological system of interest.

| Title | Tags |
| --- | --- |
| Mathematical Presentation | 204767, 4 |

**Learning Outcome**
Present quantitative solutions in a logical, understandable manner emphasizing the geological relevance of the problem.

| Title | Tags |
| --- | --- |
| Form and Process | 204566, 1 |

**Learning Outcome**
Understand the relationships between landscapes and the processes that created them

| Title | Tags |
| --- | --- |
| Interpretation of Landscape | 204567, 2 |

**Learning Outcome**
Develop an ability to read and interpret geology and geomorphology from topographic maps, air photos, and satellite data

| Title | Tags |
| --- | --- |
| Quantifying Process | 204568, 3 |

**Learning Outcome**
Become comfortable with quantitative analyses of landforms and geomorphic processes

| Title | Tags |
| --- | --- |
| Change over Time | 204569, 4 |

**Learning Outcome**
Acquire an appreciation for the unique and complex way the landscapes of Earth and the planets evolved to their present-day morphologies

## GEOL 420 - Geological Field Methods

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 420 |

**Teaching Area**
GEOL
**Course Title**
Geological Field Methods
**Course Description**
Introduction to methods used to collect and interpret field data in a variety of geologic and environmental investigations. Extensive hiking requires students to be physically fit.
**Department**
Geological Sciences
**When Taught**
Spring Term

## GEOL 421 - Geological Mapping

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 421 |

**Teaching Area**
GEOL
**Course Title**
Geological Mapping
**Course Description**
Application of field procedures and mapping techniques to a variety of geologic problems. Synthesis of geologic principles leading to the construction and interpretation of geologic maps.
**Department**
Geological Sciences
**When Taught**
Spring Term

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
16

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOL 352 - Petrology
  **AND** GEOL 370 - Sedimentology and Stratigraphy
  **AND** GEOL 375 - Structural Geology

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Geol 421 and Geol 422.

**Fee**
550

| Title | Tags |
| --- | --- |
| GEOL 420 - Geologic Field Mapping | 204786, 1 |

**Learning Outcome**

Measure and describe a "section" of sedimentary strata, and subdivide the section into lithostratigraphic units.
Interpret rock features in context of sedimentary depositional models.
Collect and interpret structural data, including attitudes of contacts, fractures, faults, fold hinge lines and dip domains, cleavage and foliation, lineations and estimates of strain and paleostress directions.
Evaluate fluid flow in the context of structural features (e.g. faults and joints).

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
16

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOL 352 - Petrology
  **AND** GEOL 370 - Sedimentology and Stratigraphy
  **AND** GEOL 375 - Structural Geology

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Geol 420 and Geol 422.

| Title | Tags |
| --- | --- |
| GEOL 421 - Geological Mapping | 204787, 1 |

**Learning Outcome**

Demonstrate proficiency in basic mapping skills, such as locating formational contacts, measuring strike and dip, and drawing a map and cross-section.
Map, describe and interpret a suite of metamorphic rocks.
Map, describe and interpret intrusive and extrusive igneous rocks

## GEOL 422 - Geologic Writing

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
422

**Teaching Area**
GEOL

**Course Title**
Geologic Writing

**Course Description**
Preparation of professional geologic reports and illustrations using digital tools.

**Department**
Geological Sciences

**When Taught**
Spring Term

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
16

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOL 352 - Petrology
  **AND** GEOL 370 - Sedimentology and Stratigraphy
  **AND** GEOL 375 - Structural Geology

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Geol 420 and Geol 421.

| Title | Tags |
|---|---|
| GEOL 422 - Scientific Writing | 204788, 1 |

**Learning Outcome**

Produce a synthesis report describing the rock column, structural styles, and geologic history of the field mapping area in the context of plate tectonics

## GEOL 430 - Senior Thesis

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
430

**Teaching Area**
GEOL

**Course Title**
Senior Thesis

**Course Description**
Faculty-supervised research on a project of limited scope. Project is chosen and completed by the student. Written and oral presentation of findings required.

**Department**
Geological Sciences

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOL 352 - Petrology
  **AND** GEOL 370 - Sedimentology and Stratigraphy
  **AND** GEOL 375 - Structural Geology

**Additional Comments:**

| Title | Tags |
|---|---|
| Research Experience | 204709, 0 |

**Learning Outcome**
1. Gain a greater understanding of your area of interest by working on a mentored research project under the supervision of a faculty member.2. Learn better writing and communication skills by compiling your research into a senior thesis.

in the context of plate tectonics.
Create professional figures using ArcGIS and Illustrator.
Demonstrate increased proficiency in the student's chosen career pathway by participating in deeper learning experience.

## GEOL 435 - Groundwater

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
435
**Teaching Area**
GEOL
**Course Title**
Groundwater
**Course Description**
Introduction to the occurrence, movement, and properties of subsurface water. Topics include surface and groundwater relationships, water budgets and the hydrologic cycle, Darcy's law, the physics of groundwater flow, flow nets, flow paths in confined and unconfined aquifers, and basin hydrogeology.
**Department**
Geological Sciences
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- GEOL 111 - Physical Geology

## GEOL 440 - Solid Earth Geophysics

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
440
**Teaching Area**
GEOL
**Course Title**
Solid Earth Geophysics
**Course Description**
Physics of the earth, including earthquake seismology. Gravity, seismic, magnetic, electrical, and heat flow properties and methods.
**Department**
Geological Sciences
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOL 111 - Physical Geology
  **AND** MATH 112 - Calculus 1
  **AND** PHSCS 106 - General Physics 2

**Additional Comments:**

Prerequisites

**Complete ALL of the following Courses:**

- GEOL 330 - Engineering Geology

**Additional Comments:**

**Other Prerequisites**
Math 110 or equivalent

| Title | Tags |
|---|---|
| Physics of the Earth | 204578, 1 |

**Learning Outcome**
Understand the fundamental principles of plate motions, seismic waves, gravity, magnetics, heat flow, and mantle convection

| Title | Tags |
|---|---|
| Problem Solving | 204579, 2 |

**Learning Outcome**
Develop the ability to analyze processes in Earth's interior and on its surface through use of mathematics and problem solving

| Title | Tags |
|---|---|
| Science Writing | 204580, 3 |

**Learning Outcome**
Become comfortable with reading scientific papers, analyzing their content, and writing summaries of your analyses

| Title | Tags |
|---|---|
| Earth as a Planet | 204581, 4 |

**Learning Outcome**
Acquire an appreciation for the unique and complex processes in Earth's interior and the resulting surface manifestations and implications for development of life

## GEOL 445 - Geochemistry

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GEOL | 445 |

**Teaching Area**
GEOL
**Course Title**
Geochemistry
**Course Description**
Applying elementary chemical principles to understand geologic processes and materials.
**Department**
Geological Sciences
**When Taught**
Winter

## GEOL 452 - Petrography to Petrogenesis

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GEOL | 452 |

**Teaching Area**
GEOL
**Course Title**
Petrography to Petrogenesis
**Course Description**
Principles of optical mineralogy and their application to the identification of minerals in thin section Petrographic analysis and its relation to rock-forming processes in igneous, metamorphic, and sedimentary rocks.
**Department**
Geological Sciences

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 106 - General College Chemistry 2
  **AND** CHEM 107 - General College Chemistry Laboratory
  **AND** GEOL 352 - Petrology

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 112 - Principles of Chemistry 2
  **AND** GEOL 352 - Petrology

**Additional Comments:**

| Title | Tags |
|---|---|
| Mathematical Competence | 204582, 1 |

Learning Outcome
Students will mathematically describe geochemical fractionation, mixing, kinetics, transport, and equilibrium.

| Title | Tags |
|---|---|
| Chemical Computation | 204583, 2 |

Learning Outcome
Students will solve geochemical problems both analytically and using computer software.

When Taught
Winter Even Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOL 351 - Mineralogy
  **AND** GEOL 352 - Petrology

**Additional Comments:**

| Title | Tags |
|---|---|
| Petrography to Petrogenesis | 204784, 1 |

Learning Outcome
Demonstate the ability to use the petrographic microscope to identify the common rock-forming minerals.
Demonstrate the ability to use the petrographic microscope to determine 2V and other optical parameters to determine mineral compositions.
Demonstate a familiarity with the common textures and microstructures of igneous and metamorphic rocks and understand the petrogenetic implications of these textures/microstructures.

| Title | Tags |
| --- | --- |
| Scientific Writing | 204584, 3 |

Learning Outcome
Students will improve their scientific writing skills.

## GEOL 460 - Economic and Resource Geology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 460 |

**Teaching Area**
GEOL
**Course Title**
Economic and Resource Geology
**Course Description**
Nature and genesis of metallic and non-metallic mineral deposits, including laboratory study of economic minerals. Field trips.
**Department**
Geological Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GEOL 352 - Petrology

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Ore Mineralogy | 204585, 1 |

Learning Outcome

## GEOL 476 - Introduction to Seismic Interpretation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 476 |

**Teaching Area**
GEOL
**Course Title**
Introduction to Seismic Interpretation
**Course Description**
Fundamental techniques; analyzing seismic reflection data. Reviewing fundamentals of seismic trace and geologic implications. Basic mapping of subsurface structure and stratigraphy.
**Department**
Geological Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GEOL 370 - Sedimentology and Stratigraphy
  **AND** GEOL 375 - Structural Geology

**Additional Comments:**

Learning Outcome
Identify important ore-forming minerals, textures, and structures in hand sample and in the field.

| Title | Tags |
| --- | --- |
| Ore Genesis | 204586, 2 |

Learning Outcome
Compare and contrast the principal ore-forming processes: magmatic, hydrothermal, and sedimentary.

| Title | Tags |
| --- | --- |
| Ore Deposit Models | 204587, 3 |

Learning Outcome
Use observed characteristics of an ore deposit to develop a genetic model for its origin.

| Title | Tags |
| --- | --- |
| Resource Exploration Strategies | 204588, 4 |

Learning Outcome
Develop an exploration strategy for an ore deposit based on a genetic model.

| Title | Tags |
| --- | --- |
| What is a seismic wavelet? | 204589, 1 |

Learning Outcome
Understand and able to explain what a reflection wavelet is. i.e. polarity, phase and amplitude

| Title | Tags |
| --- | --- |
| 2D Interpretation | 204590, 2 |

Learning Outcome
Able to identify and interpret, using colored pencils, seismic reflectors on a set of intersecting 2D seismic lines.

| Title | Tags |
| --- | --- |
| Geologic Implications | 204591, 3 |

Learning Outcome
Uses geologic knowledge to infer structure and stratigraphy from seismic reflection data.

| Title | Tags |
| --- | --- |
| Spatial Intelligence | 204592, 4 |

Learning Outcome
Develop three-dimensional thinking skills.

| Title | Tags |
| --- | --- |
| Facetime I | 204593, 5 |

Learning Outcome
Able to coherently and concisely prepare and present technical presentations from:
1) Scientific articles
2) Seismic interpretation and research

| Title | Tags |
| --- | --- |
| Contouring | 204594, 6 |

Learning Outcome
Generation of a hand-drawn time-structure map using the interpretation generated in Learning Outcome "2D Interpretation"

| Title | Tags |
| --- | --- |
| 3D Interpretation | 204595, 7 |

Learning Outcome

Learning of 3D interpretation software. Able to interpret 3D data and generate digital time-structure map.

## GEOL 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
477R

**Teaching Area**
GEOL

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
Geological Sciences

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

## GEOL 480 - Paleontology

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
480

**Teaching Area**
GEOL

**Course Title**
Paleontology

**Course Description**
Distribution, morphology, paleoecology, evolution, and stratigraphic significance of organisms in the geologic record. Field trips.

**Department**
Geological Sciences

**When Taught**
Fall Odd Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GEOL 112 - Historical Geology

**Additional Comments:**

**Title**
Fundamentals

**Tags**
204598, 1

**Learning Outcome**
Demonstrate understanding of the nature of fossils and types of

fossilization that turn organic remains into fossils.

| Title | Tags |
| --- | --- |
| Nature of the Fossil Record-Taphonomy | 204599, 2 |

**Learning Outcome**
Be able to explain the incompleteness of the fossil record and the taphonomic processes that affect fossils between death and burial and burial and discovery.

| Title | Tags |
| --- | --- |
| Taxonomy and Morphology | 204600, 3 |

**Learning Outcome**
Be able to recognize the major groups of invertebrate fossils on the basis of their morphology and be able to identify key index fossils to the species level.

| Title | Tags |
| --- | --- |
| Uses of Fossils | 204601, 4 |

**Learning Outcome**
Demonstrate understanding of the uses of fossils in solving geological problems: paleoenvironments, relative age, paleocology.

| Title | Tags |
| --- | --- |
| Evolution | 204602, 5 |

**Learning Outcome**
Understand the role of fossils in demonstrating the patterns of evolution through time.

## GEOL 490R - Topics in Geology

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
490R

**Teaching Area**
GEOL

**Course Title**
Topics in Geology

**Course Description**
Short, undergraduate-level courses and extended field trips offered on an irregular basis.The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

**Department**
Geological Sciences

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

**Note**
Fee.

## GEOL 490R - Energy Systems

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
490R

**Teaching Area**
GEOL

**Course Title**
Energy Systems

**Course Description**
Short, undergraduate-level courses and extended field trips offered on an irregular basis.The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

**Department**
Geological Sciences

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

**Fee**
Variable

**Note**
Fee.

## GEOL 490R - Exploratory Geophysics and Modeling

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
490R

**Teaching Area**
GEOL

**Course Title**
Exploratory Geophysics and Modeling

**Course Description**
Short, undergraduate-level courses and extended field trips offered on an irregular basis.The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

**Department**
Geological Sciences

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

**Fee**
Variable

**Note**
Fee.

## GEOL 490R - Advanced Sedimentology

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
490R

**Teaching Area**
GEOL

**Course Title**
Advanced Sedimentology

**Course Description**
Sedimentology and depositional processes of clastic systems. Focus on different major depositional settings, with classroom discussion based on current research papers. Inputs/outputs of sedimentary systems, the processes involved in the erosion/deposition/transport of sediment, preservation potential and resulting bedforms derived from depositional processes, and interpretation of paleoenvironmental conditions based on preserved strata. Focus on the ancient rock record, modern analogs, and to a lesser extent process-based computer modeling as three different ways to build a more comprehensive understanding.

**Department**
Geological Sciences

**When Taught**
Winter Even Years

#### Credit Hours

**Min**
0.5

**Fixed**
3

## GEOL 490R - Planetary Seminar

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
490R

**Teaching Area**
GEOL

**Course Title**
Planetary Seminar

**Course Description**
Short, undergraduate-level courses and extended field trips offered on an irregular basis.The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

**Department**
Geological Sciences

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

**Note**
Fee.

## GEOL 491R - Geology Seminar

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
491R

**Teaching Area**
GEOL

**Course Title**
Geology Seminar

**Course Description**
Seminar on various geologic topics by guest speakers.

**Department**
Geological Sciences

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Title**
Broad Geological Knowledge

**Tags**
204596, 1

**Learning Outcome**
Demonstrate familiarity with diverse topics in geological sciences addressed by a series of seminar speakers.

**Title**
Meet Leading Geoscientists

**Tags**
204597, 2

**Learning Outcome**
Interact with geoscientists that have specialized in disciplines of interests of like-minded students.

## GEOL 492R - Career Pathways Seminar

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
492R

**Teaching Area**
GEOL

**Course Title**
Career Pathways Seminar

**Course Description**
Seminar on graduate school and career opportunities by guest speakers.

**Department**
Geological Sciences

**When Taught**
Fall Even Years

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Geology 492R - Career Pathways Seminar

**Tags**
204789, 1

**Learning Outcome**
LEARNING OUTCOMES:

Students will become familiar with career options in various sub disciplines within the geological sciences.
Students will learn and be exposed to networking skills for career opportunities.
Students will attend 70 % of the seminars offered this semester and write a one page summary of the topic discussed at each seminar attended.

## GEOL 497R - Geological Research

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
497R

**Teaching Area**
GEOL

**Course Title**
Geological Research

**Course Description**
Conducting original research under faculty supervision. Project must be approved before registration or starting project.

**Department**
Geological Sciences

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

**Other Prerequisites**
Supervisor's consent

**Title**
Research Experience

**Tags**
204703, 0

**Learning Outcome**
Learn research methods and techniques through faculty mentored research.

## GEOL 500 - (Geol-Chem-C S-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
500
**Teaching Area**
GEOL
**Course Title**
(Geol-Chem-C S-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math
**Course Description**
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.
**Department**
Geological Sciences
**When Taught**
Contact Department

### Credit Hours

**Min**
1.5
**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

## GEOL 502 - Job Search Strategies

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
502
**Teaching Area**
GEOL
**Course Title**
Job Search Strategies
**Course Description**
Course will assist graduating students in identifying and connecting to potential employers.
**Department**
Geological Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

## GEOL 504R - Global Geology Field Studies

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
504R
**Teaching Area**
GEOL
**Course Title**
Global Geology Field Studies
**Course Description**
In-depth study of classic geologic localities, such as Hawaii, the Bahamas, and the Appalachians, preliminary to on-site field study.
**Department**
Geological Sciences
**When Taught**
Contact Department

## GEOL 521 - Borehole Geophysics and Geology

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
521
**Teaching Area**
GEOL
**Course Title**
Borehole Geophysics and Geology
**Course Description**
Applied well log analysis, including conventional and new techniques. Subsurface geology and lithology determined from many logs. Determining porosity, permeability, and fluid saturation with hydrology, and hydrocarbon applications.
**Department**
Geological Sciences

### Credit Hours

Min
1

Fixed
3

Other Prerequisites
Any senior-level geology course; instructor's consent.

Title
GEOL 504R - Global Geology Field Studies

Tags
204792, 1

Learning Outcome
Course Learning Outcomes

Students will apply their understanding of geologic principles in unique and specific settings found across the Earth.
Students will learn how to carry out field studies in their type locale.
Students will acquire an understanding of, and interact with people of, different cultures, political conditions and geography in the setting of geologic studies unique to those regions in the world.

## GEOL 525 - Petroleum Systems Analysis

### Course Information

Teaching Area (new)
GEOL

Course Number
525

Geological Sciences
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Instructor's consent

Recommended
Phscs 105, 106, Geol 351, 370; or equivalents

Title
Learning Outcome 2

Tags
204637, 1

Learning Outcome
Be able to interpret the results of well-logging operations.

Title
Learning Outcome 3

Tags
204716, 2

Learning Outcome
Have real-world experiences in classroom and outdoor “lab” settings that will mimic a professional environment.

Title
Learning Outcome 1

Tags
204729, 0

Learning Outcome
Understand the theoretical basis of well-logging tools that recover information about subsurface rocks and their fluids.

## GEOL 530 - Geological Communications Laboratory

### Course Information

Teaching Area (new)

Course Number

**Teaching Area**
GEOL
**Course Title**
Petroleum Systems Analysis
**Course Description**
Properties of petroleum; exploration methods; generation and migration of hydrocarbons, reservoirs, traps, and seals; sedimentary basin classification; energy resources. Extended field trip required.
**Department**
Geological Sciences
**When Taught**
Fall Even Years

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Geol 370 or equivalent

| Title | Tags |
|---|---|
| Ingredients of a Petroleum Sysytem | 204651, 0 |

**Learning Outcome**
Understand the 5 critical ingredients of any petroleum accumulation. Understand to a basic level how these 5 criteria are risked in an economicic evaluation of any proposed well. Understand the dynamics and interconnectivity of a petroleum system.

| Title | Tags |
|---|---|
| Resource Categorization | 204668, 1 |

**Learning Outcome**
Understand the variety of conventional and non-conventional resource plays. Understand some of the technologies required to produce these resources.

GEOL 530

**Teaching Area**
GEOL
**Course Title**
Geological Communications Laboratory
**Course Description**
Designing and creating a variety of student-selected geological illustrations emphasizing maps and cross-sections.
**Department**
Geological Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent; graduate status

| Title | Tags |
|---|---|
| Scientific Writing | 204653, 3 |

**Learning Outcome**
Write concise, scientific descriptions of geologic data, illustrations, and analyses.

| Title | Tags |
|---|---|
| Learn Software Tools | 204671, 0 |

**Learning Outcome**
Become proficient in using the leading software tools including ArcGIS, Illustrator, Photoshop, Acrobat, and MS Excel.

| Title | Tags |
|---|---|
| Apply Software Tools to Geology | 204684, 1 |

**Learning Outcome**
Design and create publishable geologic maps, illustrations, figures, and tables from geologic data and models.

| Title | Tags |
| --- | --- |
| Term Presentation | 204704, 2 |

**Learning Outcome**
Investigate and present to peers the hydrocarbon system of a significant petroleum field or play.

| Title | Tags |
| --- | --- |
| Sedimentary Basin Classification | 204712, 3 |

**Learning Outcome**
Understand sedimentary basin types as dictated by their tectonic setting. Under, to a basic level, the hydrocarbon potential of these various basins and the variables that determine their potential or lack of potential. Understand the importance of looking for the exception to the rule.

| Title | Tags |
| --- | --- |
| Quantitative Analysis | 204715, 2 |

**Learning Outcome**
Analyze geologic data through basic statistical techniques and simple numerical models.

## GEOL 531 - Geoscience Data Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 531 |

**Teaching Area**
GEOL
**Course Title**
Geoscience Data Analysis
**Course Description**
Basic scientific computing skills in MATLAB, and application of statistical and numerical modeling techniques to geoscientific problems.
**Department**
Geological Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## GEOL 535 - Contaminant Hydrogeology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEOL | 535 |

**Teaching Area**
GEOL
**Course Title**
Contaminant Hydrogeology
**Course Description**
Principles, tools, and applications used to solve heavy metal, organic, and radionuclide groundwater contamination problems. Topics include regulations, mass transport, multiphase flow, transformation, retardation, and attenuation.
**Department**
Geological Sciences
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

Fixed
0

Other Prerequisites
Stat 121 or equivalent.

Lab Hours

Fixed
0

Other Prerequisites
Geology 435 or equivalent

Title
Fundamentals of Fate and Transport

Tags
204603, 1

Learning Outcome
1. Learn the fundamental processes by which contaminants are transported in groundwater, including: diffusion, advection, and dispersion.
2. Understand process that delay or limit contaminant transport, including: sorption, reaction, decay (chemical and radioactive), and colloid transport.
3. Learn the fundamentals of tranport in the vadose zone, as well as multiphase flow.
4. Appreciate the processes involved in the transport of inorganic (including radionuclides) and organic compounds.
5. Understand the fundamental principles of ground water monitoring, site characterization, and remediation, including the major federal laws that govern such actions.

## GEOL 540 - Principles of Glaciology

### Course Information

Teaching Area (new)
GEOL

Course Number
540

Teaching Area
GEOL

Course Title
Principles of Glaciology

Course Description
Geophysical problems involving ice in the environment and its role in global change. Topics include atmospheric ice, snow pack, glaciers, ice sheets, sea ice, permafrost, and ice age theories.

Department
Geological Sciences

When Taught
Contact Department

### Credit Hours

Min
3

## GEOL 545 - Isotope Geochemistry-High Temperature Applications

### Course Information

Teaching Area (new)
GEOL

Course Number
545

Teaching Area
GEOL

Course Title
Isotope Geochemistry-High Temperature Applications

Course Description
Use of stable and radioactive isotope systematics in geochronology in investigation of the origins of igneous and metamorphic rocks and in the study of tectonics.

Department
Geological Sciences

When Taught
Fall Odd Years

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Applied Physics and Chemistry | 204626, 1 |

Learning Outcome
Apply principles of physics and chemistry to quantify the formation of ice in the environment, mass and energy budgets of cryospheric components, dynamics of large ice masses, and the processes and rates of landscape evolution that result from ice dynamics.

| Title | Tags |
| --- | --- |
| Fundamentals | 204685, 0 |

Learning Outcome
Describe the components of the cryosphere, their geographical extent, and their physical and chemical properties.

| Title | Tags |
| --- | --- |
| Relevance | 204719, 2 |

Learning Outcome
Evaluate the role of the cryospheric components in global environmental change and discuss the importance of cryospheric change on society.

| Title | Tags |
| --- | --- |
| Scientific Inquiry, Writing, and Oral Presentation | 204725, 4 |

Learning Outcome
Demonstrate the ability to work in teams to collect and analyze glaciological data, incorporate it into an original, high quality research poster on a student-chosen topic of significance, and

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Geol 352 or equivalent.

| Title | Tags |
| --- | --- |
| Evaluation of Multi-Component Systems | 204648, 2 |

Learning Outcome
1. Learn the fundamentals of mixing, or mixing and assimilation combined with fractionation when confronted with isotope ratios of two systems, or isotope ratios and elemental abundances.

| Title | Tags |
| --- | --- |
| Geochronology and Thermochronology | 204686, 3 |

Learning Outcome
1. Review some of the most commonly applied (and state-of-the-art) geochronometers, including: 40Ar/39Ar, U-series, 14C, 3H, and 210Pb. Emphasis changes from semester to semester based on the research goals of enrolled graduate students

| Title | Tags |
| --- | --- |
| Evolution of Radiogenic Nuclides in the Earth and Solar Syst | 204705, 1 |

Learning Outcome
1. Understand the relationship between chemical fractionation and the evolution of isotope ratios in the Rb/Sr, Sm/Nd, and U/Pb systems. By ANALOGY, students will be prepared to understand Re/Os, Lu/Hf, K/Ca, etc should the need arise.2. Understand the isotopic

present the research and results orally in a poster session.

| Title | Tags |
| --- | --- |
| Quantitative Analysis | 204743, 3 |

**Learning Outcome**
Demonstrate the ability to quantify cryospheric formation, dynamics, sensitivities, and interactions through rigorous numerical problem sets and laboratory exercises.

evolution of these systems in the solar system, bulk earth, rock bodies, and individual minerals.3. Appreciate how these systems can be employed as geochronometers, and perhaps more importantly, as tracers of earth processes in the crust and mantle.

| Title | Tags |
| --- | --- |
| Light Stable Isotopes | 204708, 4 |

**Learning Outcome**
Understand the fundamental processes that lead to isotopic fractionation among the light stable isotopes, including:1. Temperature-dependent equilibrium processes.2. Kinetic fractionations.3. Distillation.4. Biological fractionation in plants, animals, and microorganisms. Conduct a survey of the major applications of C, N, O, H, and S isotopes in geologic, hydrologic, and climate studies.

| Title | Tags |
| --- | --- |
| Seminar Days | 204714, 5 |

**Learning Outcome**
On selected class periods throughout the semester, individual class members present, and all class members read, scientific papers that highlight the application of one or more isotope systems that have been discussed. This enables students to:1. Learn how others have applied isotopic methods to understand how processes occur in nature.2. Deepen their understanding of the principles discussed in class.3. Learn to critically read, discuss, and present the findings of others.

| Title | Tags |
| --- | --- |
| Isotope Fundamentals | 204735, 0 |

**Learning Outcome**
1. Appreciate the structure of nuclides as the relate to radio-, radiogenic, and light stable isotopes.2. Learn to use the chart of the nuclides.3. Learn mechanisms and fundamental

equations governing decay and ingrowth of nuclides.

## GEOL 546 - Isotope Geochemistry-Low Temperature Applications

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
546

**Teaching Area**
GEOL

**Course Title**
Isotope Geochemistry-Low Temperature Applications

**Course Description**
Use of stable, radioactive, and radiogenic isotope systematics in geochronology and in investigation of the origins of fluid, sediment, and organic matters in low temperature settings.

**Department**
Geological Sciences

**When Taught**
Fall Even Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

**Other Prerequisites**
Geol 445 or equivalent.

**Recommended**
Geol 435

| Title | Tags | Learning Outcome |
|---|---|---|
| Real-World Problem Solving | 204710, 0 | Students will design, implement, and report on a geochemical investigation. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Scientific Writing | 204747, 1 | Students will write a competently organized and executed scientific report. |

## GEOL 550 - Environmental Soil Chemistry

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
550

**Teaching Area**
GEOL

**Course Title**
Environmental Soil Chemistry

**Course Description**
Chemistry of soil systems at macroscopic and microscopic scales, examined from the perspective of scientists interested in environmental assessment and remediation.

**Department**
Geological Sciences

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Chem 105, 106, 107; or equivalents

| Title | Tags | Learning Outcome |
|---|---|---|
| Environmental Impact | 204666, 3 | Students will demonstrate knowledge of environmental impacts of soil contamination, and associated remediation strategies. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Scientific Writing | 204693, 0 | Students will competently |

organize and write a scientific report.

| Title | Tags |
| --- | --- |
| Knowledge of Soil Chemistry | 204700, 2 |

**Learning Outcome**
Students will demonstrate familiarity with the identity and behavior of the main chemical species that control soil-chemical conditions.

| Title | Tags |
| --- | --- |
| Chemistry Fundamentals | 204741, 1 |

**Learning Outcome**
Students will demonstrate the ability to apply fundamental chemical principles (equilibrium, kinetics, redox) to soil systems.

## GEOL 551 - Advanced Mineralogy

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
551
**Teaching Area**
GEOL
**Course Title**
Advanced Mineralogy
**Course Description**
Crystallography, structure, and crystal chemistry of major silicate mineral groups.
**Department**
Geological Sciences
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

## GEOL 552 - Igneous Petrology

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
552
**Teaching Area**
GEOL
**Course Title**
Igneous Petrology
**Course Description**
Origin and evolution of magmas, emphasizing trace element and isotopic compositions and intensive properties as calculated from mineral compositions.
**Department**
Geological Sciences
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

Fixed
2

Other Prerequisites
Geol 351 or equivalent

| Title | Tags |
| --- | --- |
| Crystal Chemistry | 204795, 1 |

Learning Outcome
Students will demonstrate mastery of the principles of crystal chemistry, using the concepts of atomic size, valence, and electronic structure to explain the distribution of elements in the Earth.

| Title | Tags |
| --- | --- |
| Structural Chemistry | 204796, 2 |

Learning Outcome
Students will be able to predict the structural characteristics of minerals based on the concepts of atomic size, valence, and electronic structure.

| Title | Tags |
| --- | --- |
| Mathematical Crystallography | 204797, 3 |

Learning Outcome
Students will demonstrate a basic understanding of mathematical crystallography.

| Title | Tags |
| --- | --- |
| X-Ray Diffraction | 204798, 4 |

Learning Outcome
Students will demonstrate a basic knowledge of Powder X-Ray Diffraction techniques and software.

## GEOL 553 - Metamorphic Petrology

Fixed
3

Other Prerequisites
Geol 352 or equivalent

| Title | Tags |
| --- | --- |
| Presentation Skills | 204632, 5 |

Learning Outcome
Refine ability to make oral and written presentations.

| Title | Tags |
| --- | --- |
| Petrologic Modeling | 204643, 4 |

Learning Outcome
Develop quantitative skills using calculations in a spreadsheet to model igneous processes.

| Title | Tags |
| --- | --- |
| Analytical Geochemistry | 204664, 3 |

Learning Outcome
Understand the use of analytical equipment and interpretation of analytical data

| Title | Tags |
| --- | --- |
| Minerals and Intensive Parameters | 204674, 2 |

Learning Outcome
Explain how mineral compositions can be used to deduce intensive parameters

| Title | Tags |
| --- | --- |
| Petrotectonics | 204694, 1 |

Learning Outcome
Understand the link between tectonic setting and igneous rock composition.

| Title | Tags |
| --- | --- |
| Volcanology | 204754, 0 |

Learning Outcome
Identify the nature and causes of volcanic eruptions.

## GEOL 555 - Volcanoes and Ore Deposits

## Course Information

**Teaching Area (new)**
GEOL

**Course Number**
553

**Teaching Area**
GEOL

**Course Title**
Metamorphic Petrology

**Course Description**
Principles of metamorphism, including chemical equilibrium and thermodynamics of metamorphic reactions, geothermobarometery, origin and interpretation of zoned metamorphic minerals, pressure-temperature paths, and metamorphism of pelites, mafic, ultramafic and carbonate rocks. Additional subjects based on interest of the students.

**Department**
Geological Sciences

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEOL 352 - Petrology

**Additional Comments:**

| Title | Tags |
|---|---|
| Metamorphic Petrology | 204785, 1 |

**Learning Outcome**
Understand the relationships between tectonic settings and metamorphic facies.
Demonstrate an understanding of the thermodynamics of metamorphic reactions.
Understand how mineral zoning can be used to interpret

## Course Information

**Teaching Area (new)**
GEOL

**Course Number**
555

**Teaching Area**
GEOL

**Course Title**
Volcanoes and Ore Deposits

**Course Description**
Examination of the role of volcanic rocks and processes in the generation of ore deposits.

**Department**
Geological Sciences

**When Taught**
Fall Even Years

### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
Geol 352 or equivalent.

| Title | Tags |
|---|---|
| Quantitative Skills | 204770, 3 |

**Learning Outcome**
Develop quantitative skills using calculations in spreadsheets to model magmatic processes

| Title | Tags |
|---|---|
| Scientific Literature | 204771, 4 |

**Learning Outcome**
Refine ability to make read and understand scientific literature

| Title | Tags |
|---|---|
| Volcano Types | 204772, 1 |

**Learning Outcome**
Understand the major types of volcanic eruptions and volcanoes

| Title | Tags |
|---|---|
| Volcanoes in the Field | 204773, 2 |

**Learning Outcome**
Explain how outcrop characteristics can be used to deduce eruption processes and volcano evolution

changing metamophric conditions.
Understand the use of analytical equipment and interpretation of analytical data.
Develope the quantitiative skills using thermobarometic calculations to determine metamorphic P-T paths.

## GEOL 560 - Waveform Geophysics

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
560

**Teaching Area**
GEOL

**Course Title**
Waveform Geophysics

**Course Description**
Principles and methods used in seismic and ground-penetrating radar (GPR) geophysics, with petroleum exploration, engineering, environmental, and hydrological applications. Includes introduction to state-of-the-art industrial software applications for data processing and visualization.

**Department**
Geological Sciences

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

**Recommended**
Geol 375, Phscs 105, 106; or equivalents

**Title**
Learning Outcome 3

**Tags**
204646, 2

**Learning Outcome**
Enable students to comprehend how reflection data are acquired, processed, and interpreted.

## GEOL 561 - Geophysical Field Methods

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
561

**Teaching Area**
GEOL

**Course Title**
Geophysical Field Methods

**Course Description**
Geophysical data acquisition processing and computer-assisted interpretation, emphasizing field deployment techniques, use of commercial data processing, and visualization software.

**Department**
Geological Sciences

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

**Recommended**
Geol 375, Phscs 105, 106; or equivalents

**Title**
Learning Outcome 4

**Tags**
204639, 3

**Learning Outcome**
Become acquainted with basic data processing and modeling software tools.

processed, and interpreted.

| Title | Tags |
| --- | --- |
| Learning Outcome 4 | 204677, 3 |

**Learning Outcome**
Process seismic reflection data acquired by USGS/ BYU using state-of-the-art tools.

| Title | Tags |
| --- | --- |
| Learning Outcome 2 | 204690, 1 |

**Learning Outcome**
Provide a quantitative and theoreticalunderstanding of how the seismic method operates.

| Title | Tags |
| --- | --- |
| Learning Outcome 1 | 204706, 0 |

**Learning Outcome**
Introduction tothe seismic method, especially for the reflection case.

| Title | Tags |
| --- | --- |
| Learning Outcome 2 | 204656, 1 |

**Learning Outcome**
Be able to design and supervise a seismic/GPR survey.

| Title | Tags |
| --- | --- |
| Learning Outcome 1 | 204658, 0 |

**Learning Outcome**
Become expert at using an exploration seismograph and ground-penetrating radar (GPR) for subsurface surveying.

| Title | Tags |
| --- | --- |
| Learning Outcome 3 | 204691, 2 |

**Learning Outcome**
Have real-world experiences in mostly outdoor “lab” settings that will mimic a professional environment.

| Title | Tags |
| --- | --- |
| Learning Outcome 4 | 204692, 3 |

**Learning Outcome**
Become acquainted with basic data processing and modeling software tools.

| Title | Tags |
| --- | --- |
| Learning Outcome 3 | 204718, 2 |

**Learning Outcome**
Have real-world experiences in mostly outdoor “lab” settings that will mimic a professional environment.

| Title | Tags |
| --- | --- |
| Learning Outcome 1 | 204726, 0 |

**Learning Outcome**
Become expert at using an exploration seismograph and ground-penetrating radar (GPR) for subsurface surveying.

| Title | Tags |
| --- | --- |
| Learning Outcome 2 | 204731, 1 |

**Learning Outcome**
Be able to design and supervise a

seismic/GPR survey.

## GEOL 565R - Special Topics in Geology

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
565R

**Teaching Area**
GEOL

**Course Title**
Special Topics in Geology

**Course Description**
The following topics may be offered on demand: geology for teachers, ore deposits, solid-water interface chemistry, X-ray crystallography.

**Department**
Geological Sciences

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
4

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Specific Competence | 204640, 0 |

**Learning Outcome**
Demonstrate competence in a specific topic within the geological sciences.

## GEOL 571 - Sedimentology and Ecology of Modern Carbonate Systems

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
571

**Teaching Area**
GEOL

**Course Title**
Sedimentology and Ecology of Modern Carbonate Systems

**Course Description**
Field course in the Caribbean emphasizing factors that produce carbonate sediments. Investigation of tidal flat to off-shore barrier reef environments and Pleistocene outcrops.

**Department**
Geological Sciences

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
Geol 370 or equivalent

| Title | Tags |
| --- | --- |
| Fundamentals | 204774, 1 |

**Learning Outcome**
Demonstrate an understanding of the origin and meaning of carbonate sediments as contrasted with their siliciclastic counterparts by studying them in the field.

| Title | Tags |
| --- | --- |
| Petrography | 204775, 2 |

**Learning Outcome**
Be able to identify and interpret the meaning of basic carbonate grain types in modern carbonate sediment from the Bahamas and South Florida.

| Title | Tags |
| --- | --- |
| Carbonate Sequence Stratigraphy | 204776, 4 |

**Learning Outcome**
Be able to interpret the

| | |
|---|---|
| | Be able to interpret the stratigraphy and facies of late Pleistocene parasequences as seen in outcrop and in subsurface GPR profiles. |

| Title | Tags |
|---|---|
| Diagenesis | 204777, 5 |

**Learning Outcome**
Understand the diagenetic potential of modern carbonate sediments and the processes that turn them to rock as well as the effects of meteoric water on Pleistocene outcrops.

| Title | Tags |
|---|---|
| Depositional Environments | 204778, 3 |

**Learning Outcome**
Collect and interpret samples from a range of modern tropical carbonate depositional environments including ooid shoals, tidal flats, reefs, lagoons, tidal channels, and open shelves.

## GEOL 574 - Advanced Stratigraphy

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
574
**Teaching Area**
GEOL
**Course Title**
Advanced Stratigraphy
**Course Description**
Studying the stratigraphic record through modern methods of correlating stratal packages, emphasizing concepts of sequence and seismic stratigraphy, and utilizing methods of chronostratigraphy, biostratigraphy, lithostratigraphy, and absolute dating. Extended field trip required.
**Department**
Geological Sciences
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

## GEOL 575 - Advanced Structural Geology

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
575
**Teaching Area**
GEOL
**Course Title**
Advanced Structural Geology
**Course Description**
In-depth discussions of a variety of topics in structural geology, emphasizing current literature and problems.
**Department**
Geological Sciences
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

Fixed
3

## Lab Hours

Fixed
0

Other Prerequisites
Geol 370 or equivalent

Recommended
Geol 480

Title
Demonstration and Term Presentation

Tags
204628, 2

Learning Outcome
Students will demonstrate their understanding by working through problems associated with field trips to outcrops and core repositories. A term presentation on the sequence or seismic stratigraphy of a given unit of rock is given to further demonstrate that understanding.

Title
Nature of the Stratigraphic Record

Tags
204713, 1

Learning Outcome
A basic understanding of the stratigraphic record and the stratigraphic methods that researchers use to understand Earth history through strata. These methods include biostratigraphy, lithostratigraphy, magnetostratigraphy, seismic stratigraphy, and sequence/chronostratigraphy. The student should understand the fragmentary nature of the straigraphic record and the importance of recognizing hiatuses and unconformities.

Title
Sequence Stratigraphy

Tags
204724, 0

Learning Outcome
Understand the vocabulary and fundemental concepts of sequence stratigraphy as they apply to outcrop, core, and seismic sections. Understand how the fundementals of these concepts change when working in siliciclastic depositional systems as compared to

## Lab Hours

Fixed
3

Other Prerequisites
Geol 375, 410; or equivalents

Title
detailed analysis of various types of structual and tectonic

Tags
204652, 0

Learning Outcome
1. Use primarily the scientific literature to discover various deformational features and mechanisms at a variety of spatial and temporal scales2. Use analog and numerical models to investigate how rocks and regions deform

carbonate depositional systems.

## GEOL 576 - Geophysical Data Processing-Modeling and Subsurface Imaging

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
576

**Teaching Area**
GEOL

**Course Title**
Geophysical Data Processing-Modeling and Subsurface Imaging

**Course Description**
Introduction to seismic and ground-penetrating radar data processing and modeling for subsurface imaging. Includes use of state-of-the-art industrial software, relevant to petroleum exploration and environmental assessment (e.g., geological hazards).

**Department**
Geological Sciences

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
None

**Recommended**
Geol 476 or Geol 560 or equivalent

## GEOL 580 - Principles of Paleontology

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
580

**Teaching Area**
GEOL

**Course Title**
Principles of Paleontology

**Course Description**
Modern approaches to fossil study applied to areas of evolution, paleoecology, and biostratigraphy.

**Department**
Geological Sciences

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Geol 480 or equivalent

**Title**
Fundamentals

**Tags**
204779, 1

**Learning Outcome**
Demonstrate understanding of advanced concepts in paleontology, such as biostratigraphy, paleoecology, evolution, and taxonomy with respect to specific fossil taxa.

**Title**
Nature of the Fossil Record-Taphonomy

**Tags**
204780, 2

**Learning Outcome**
Be able to recognize the

influence of physical and biological processes on fossils and be able to interpret a fossil's post-depositional history.

| Title | Tags |
| --- | --- |
| Taxonomy and Morphology | 204781, 3 |

**Learning Outcome**
Be able to recognize and identify key fossil groups down to the genus and species level.

| Title | Tags |
| --- | --- |
| Use of Fossils | 204782, 4 |

**Learning Outcome**
Be able to accurately determine the age, depositional setting, and diagenesis of sedimentary strata based upon fossil content and preservation.

| Title | Tags |
| --- | --- |
| Collections | 204783, 5 |

**Learning Outcome**
Become familiar with techniques use by specialists in collecting, preparing, and curating a range of fossil taxa.

## GEOL 586 - Vertebrate Paleontology

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
586
**Teaching Area**
GEOL
**Course Title**
Vertebrate Paleontology
**Course Description**
Paleobiology, osteology, and phylogeny of the vertebrates. Field trips required. Lab studies.
**Department**
Geological Sciences
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

## GEOL 590R - Planetary Seminar

### Course Information

**Teaching Area (new)**
GEOL
**Course Number**
590R
**Teaching Area**
GEOL
**Course Title**
Planetary Seminar
**Course Description**
Short, graduate-level courses and extended field trips offered on an irregular basis. The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.
**Department**
Geological Sciences
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Instructor's consent

**Title**
Evolution of Vertebrate Paleontology

**Tags**
204649, 0

**Learning Outcome**
Demonstrate your understanding of how science works by writing a four page history of paleontological methodologies, including contributions of significant scientists, and how the methods evolved from the early 1800's to present.

**Title**
The Leg Bone is Connected to the....

**Tags**
204663, 2

**Learning Outcome**
Be able to identify (1) the bones in an amniote skeleton, and(2) the major histologic components of bone.

**Title**
Field & Museum Methods

**Tags**
204673, 4

**Learning Outcome**
Be able to locate, collect, document, and interpret fossils in the field and curate specimens once in a repository with a level of competence equal to that of an entry-level field technician.

**Title**
The Vertebrate Tree

**Tags**
204678, 3

**Learning Outcome**
(1) Understand core principles of phylogenetic systematics, (2) be able to interpret and construct cladograms, and (3), be able to explain to a peer the derived diagnostic osteologic characters

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

**Note**
Fee.

diagnostic osteologic characters for major vertebrate clades, (i.e., Craniata, Tetrapoda, Amniota, Sauropsida, Diapsida, and so on).

**Title**
Relationship between Plate Tectonics and Evolution

**Tags**
204722, 5

**Learning Outcome**
Be able to explain to a biology graduate the impact of plate tectonics on biodiversity though deep time using examples from the fossil record and extant mammals.

**Title**
Until death do us part - Taphonomy

**Tags**
204739, 1

**Learning Outcome**
Understand (1) the goals of taphonomy, (2) the basics elements of how to conduct a taphonomic analysis of a vertebrate site, and (3) the process of perminerization.

**Title**
Science and Religion

**Tags**
204753, 6

**Learning Outcome**
Be able participate in meaningful discussions on the relationships of science and religion.

## GEOL 590R - Advanced Sedimentology

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
590R

**Teaching Area**
GEOL

**Course Title**
Advanced Sedimentology

**Course Description**
Sedimentology and depositional processes of clastic systems. Focus on different major depositional settings, with classroom discussion based on current research papers. Inputs/outputs of sedimentary systems, the processes involved in the erosion/deposition/transport of sediment, preservation potential and resulting bedforms derived from depositional processes, and interpretation of paleoenvironmental conditions based on preserved strata. Focus on the ancient rock record, modern analogs, and to a lesser extent process-based computer modeling as three different ways to build a more comprehensive understanding.

**Department**
Geological Sciences

**When Taught**
Winter Even Years

#### Credit Hours

**Min**
0.5

**Fixed**
3

## GEOL 590R - Topics in Geology

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
590R

**Teaching Area**
GEOL

**Course Title**
Topics in Geology

**Course Description**
Short, graduate-level courses and extended field trips offered on an irregular basis. The following topics may be offered given sufficient demand: Advanced Sedimentology; Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

**Department**
Geological Sciences

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

**Fee**
Variable

**Note**
Fee.

## GEOL 590R - Energy Systems

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
590R

**Teaching Area**
GEOL

**Course Title**
Energy Systems

**Course Description**
Short, graduate-level courses and extended field trips offered on an irregular basis. The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

**Department**
Geological Sciences

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

**Note**
Fee.

## GEOL 590R - Exploratory Geophysics and Modeling

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
590R

**Teaching Area**
GEOL

**Course Title**
Exploratory Geophysics and Modeling

**Course Description**
Short, graduate-level courses and extended field trips offered on an irregular basis. The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

**Department**
Geological Sciences

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

**Note**
Fee.

## GEOL 591R - Seminar

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
591R

**Teaching Area**
GEOL

**Course Title**
Seminar

**Course Description**
Seminar on various geologic topics by guest speakers.

**Department**
Geological Sciences

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Note**
Total of 1 credit hour required.

**Title**
Broad Geological Knowledge

**Tags**
204630, 0

**Learning Outcome**
Demonstrate familiarity with diverse topics in geological sciences addressed by a series of seminar speakers.

## GEOL 592R - Career Pathways Seminar

### Course Information

**Teaching Area (new)**
GEOL

**Course Number**
592R

**Teaching Area**
GEOL

**Course Title**
Career Pathways Seminar

**Course Description**
Seminar on graduate school and career opportunities by guest speakers.

**Department**
Geological Sciences

**When Taught**
Fall Even Years

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Geology 592R - Career Pathways Seminar

**Tags**
204790, 1

**Learning Outcome**
LEARNING OUTCOMES:

Students will become familiar with career options in various sub disciplines within the geological sciences.
Students will learn and be exposed to networking skills for career opportunities.
Students will attend 70 % of the seminars offered this semester and write a one page summary of the topic discussed at each seminar attended.

## GEOL 599R - Academic Internship

## GEORG 100 - Language Study: Georgian

## Course Information

**Teaching Area (new)**
GEOL

**Course Number**
599R

**Teaching Area**
GEOL

**Course Title**
Academic Internship

**Department**
Geological Sciences

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

**Title**
GEOL 599R - Geology Academic Internship

**Tags**
204791, 0

**Learning Outcome**
Course Learning Outcomes

The students will reflect on and process internship experiences.
The students will utilize a significant range of skills and abilities in a professional setting
The students will put into practice the knowledge and theories they have learned in university courses in a real-world work experience.

## Course Information

**Teaching Area (new)**
GEORG

**Course Number**
100

**Teaching Area**
GEORG

**Course Title**
Language Study: Georgian

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Georgian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
195668, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title**
Social Situations

**Tags**
195670, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

**Title**
Follow Instructions

**Tags**
195671, 3

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## GEORG 101 - First-Year Language Study: Georgian

### Course Information

**Teaching Area (new)**
GEORG

**Course Number**
101

**Teaching Area**
GEORG

**Course Title**
First-Year Language Study: Georgian

**Course Description**
Beginning speaking, listening, reading, and writing skills in Georgian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags | Learning Outcome |
|---|---|---|
| Comprehension | 195672, 1 | Understand written and spoken target language relating to familiar topics. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Speaking | 195674, 2 | Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel. |

## GEORG 102 - First-Year Language Study: Georgian

### Course Information

**Teaching Area (new)**
GEORG

**Course Number**
102

**Teaching Area**
GEORG

**Course Title**
First-Year Language Study: Georgian

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Georgian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEORG 101 - First-Year Language Study: Georgian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags | Learning Outcome |
|---|---|---|
| Comprehension | 195683, 1 | Understand written and spoken target language relating to familiar topics. |

| Title | Tags |
| --- | --- |
| Writing | 195676, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195678, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Speaking | 195685, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195688, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195689, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## GEORG 201 - Second-Year Language Study: Georgian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEORG | 201 |

**Teaching Area**
GEORG
**Course Title**
Second-Year Language Study: Georgian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Georgian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

## GEORG 202 - Second-Year Language Study: Georgian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEORG | 202 |

**Teaching Area**
GEORG
**Course Title**
Second-Year Language Study: Georgian
**Course Description**
Continued emphasis on Georgian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEORG 102 - First-Year Language Study: Georgian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 195705, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 195708, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 195709, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 195713, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEORG 201 - Second-Year Language Study: Georgian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 195716, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 195717, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195718, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic

related to every-day life in the target culture.

background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195720, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## GEORG 305 - Language Skills Development: Georgian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEORG | 305 |

**Teaching Area**
GEORG
**Course Title**
Language Skills Development: Georgian
**Course Description**
Increasing proficiency in one or more of the following Georgian language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 195721, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 195723, 2 |

## GEORG 321 - Advanced Grammar: Georgian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEORG | 321 |

**Teaching Area**
GEORG
**Course Title**
Advanced Grammar: Georgian
**Course Description**
Systematic review of grammar and syntax of Georgian.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195724, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Complete ALL of the following Courses:**

- GEORG 202 - Second-Year Language Study: Georgian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 195728, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 195729, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 195731, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

# GEORG 330 - Advanced Language Proficiency Through Cultural Studies: Georgian

## Course Information

**Teaching Area (new)**
GEORG
**Course Number**
330
**Teaching Area**
GEORG
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Georgian
**Course Description**
Study of Georgian culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

# GEORG 340 - Introduction to Literature: Georgian

## Course Information

**Teaching Area (new)**
GEORG
**Course Number**
340
**Teaching Area**
GEORG
**Course Title**
Introduction to Literature: Georgian
**Course Description**
Advanced study of Georgian literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Other Prerequisites
Georg 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 195896, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 195897, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195898, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GEORG 330 - Advanced Language Proficiency Through Cultural Studies: Georgian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 195900, 1 |

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 195901, 2 |

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 195902, 3 |

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 195903, 4 |

Learning Outcome
Improve target-language reading, writing, and speaking skills.

| Title | Tags |
| --- | --- |
| General Education Requirements | 195899, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## GEORG 350 - Advanced Language Study for Career Purposes: Georgian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GEORG | 350 |

**Teaching Area**
GEORG
**Course Title**
Advanced Language Study for Career Purposes: Georgian
**Course Description**
Concentration on Georgian language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GEORG 330 - Advanced Language Proficiency Through Cultural Studies: Georgian

**Additional Comments:**

## GERM 101 - First-Year German

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GERM | 101 |

**Teaching Area**
GERM
**Course Title**
First-Year German
**Course Description**
Listening, speaking, reading, writing, grammar, and culture.
**Department**
German and Russian
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Note**
For those who have had no German. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Speaking in Simple Sentences | 192711, 2 |

**Learning Outcome**
Speak in simple sentences to convey basic information about concrete social situations on familiar topics.

Additional Comments:

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 195910, 1 |

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 195911, 2 |

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 195912, 3 |

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 195913, 4 |

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195914, 5 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

| Title | Tags |
| --- | --- |
| Basic Grammar Concepts | 192734, 5 |

Learning Outcome
Understand and apply basic grammar concepts correctly when focused on accuracy.

| Title | Tags |
| --- | --- |
| Writing Simple Sentences | 192740, 3 |

Learning Outcome
Write simple sentences using basic word order and structures to express personal meaning on familiar topics.

| Title | Tags |
| --- | --- |
| Reading and Understanding Simple Factual Texts | 192741, 1 |

Learning Outcome
Read and understand main ideas and some details in simple factual texts about familiar topics.

| Title | Tags |
| --- | --- |
| Basic Cultural Awareness | 192746, 6 |

Learning Outcome
Function with basic cultural awareness of cultural differences in German-speaking countries.

| Title | Tags |
| --- | --- |
| Listening and Understanding Sentence-Length Utterances | 192765, 0 |

Learning Outcome
Listen and understand sentence-length utterances, primarily in face-to-face conversation about familiar topics and learned material, when strongly supported by context.

| Title | Tags |
| --- | --- |
| Language Learning Strategies | 192766, 4 |

Learning Outcome
Use appropriate language learning strategies to achieve both formal understanding of and communicative ability with German.

## GERM 102 - First-Year German

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
102

**Teaching Area**
GERM

**Course Title**
First-Year German

**Course Description**
Listening, speaking, reading, writing, grammar, and culture.

**Department**
German and Russian

**When Taught**
Fall, Winter, Summer

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
C grade or better in Germ 101 or equivalent

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Basic Grammar Concepts | 192719, 7 |

**Learning Outcome**
Understand and apply basic grammar concepts correctly when focused on accuracy.

| Title | Tags |
| --- | --- |
| Basic Awareness of Cultural Differences | 192735, 5 |

**Learning Outcome**
Function with basic awareness of cultural differences in German-speaking countries.

## GERM 200R - Second-Year Proficiency Tutorial

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
200R

**Teaching Area**
GERM

**Course Title**
Second-Year Proficiency Tutorial

**Course Description**
Individualized skill building in listening, speaking, reading, writing, and grammar.

**Department**
German and Russian

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
Germ 102 or equivalent.

**Note**
For students in Germ 102, 201, and 202 who require additional tutorial assistance.

| Title | Tags |
| --- | --- |
| Language | 192817, 1 |

**Learning Outcome**
Students will demonstrate an advanced level of knowledge and language proficency.

| Title | Tags |
| --- | --- |
| Reading and Understanding Simple Factual Texts | 192737, 1 |

**Learning Outcome**
Read and understand main ideas and some details in simple factual texts about familiar topics and short literary texts.

| Title | Tags |
| --- | --- |
| Speaking in Simple Sentences | 192742, 2 |

**Learning Outcome**
Speak in simple sentences to convey basic information about concrete social situations on familiar topics

| Title | Tags |
| --- | --- |
| Writing Short Stories or Essays | 192756, 4 |

**Learning Outcome**
Write short stories or essays on familiar topics using coherent sentences and paragraphs.

| Title | Tags |
| --- | --- |
| Writing Simple Sentences | 192759, 3 |

**Learning Outcome**
Write simple sentences using basic word order and structures to express personal meaning on familiar topics.

| Title | Tags |
| --- | --- |
| Listening and Understanding Sentence-length Utterances | 192761, 0 |

**Learning Outcome**
Listen and understand sentence-length utterances, primarily in face-to-face conversation about familiar topics and learned material, when strongly supported by context.

| Title | Tags |
| --- | --- |
| Language Learning Strategies | 192762, 6 |

**Learning Outcome**
Use appropriate language learning strategies to achieve both formal understanding of and communicative ability with German.

## GERM 201 - Second-Year German

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
201

**Teaching Area**
GERM

**Course Title**
Second-Year German

**Course Description**
Reading, writing, grammar, culture, listening, and speaking.

**Department**
German and Russian

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Other Prerequisites**
C grade or better in Germ 102 or equivalent.

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Speaking | 192804, 0 |

**Learning Outcome**

Students will be able to converse in German about everyday topics, abstract ideas about familiar topics, personal opinions, simple interpretation of text, and current events. Students will complete presentations in class.

| Title | Tags |
| --- | --- |

## GERM 202 - Second-Year German

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
202

**Teaching Area**
GERM

**Course Title**
Second-Year German

**Course Description**
Culminating course for Languages of Learning requirement emphasizing culture and literature. Continued writing, grammar, listening, and speaking.

**Department**
German and Russian

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Other Prerequisites**
C grade or better in Germ 201 or equivalent

**Note**
Prerequisite to all 300- and 400-level courses. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Writing | 191519, 6 |

**Learning Outcome**
Students will be able to demonstrate command of level-appropriate writing, including sophisticated sentences modeled on authentic German sentences. Their writing will incorporate sentences with one or more subordinate clause, as well as accurate use of punctuation and capitalization.

| Title | Tags |
| --- | --- |
| Listening | 192805, 3 |

**Learning Outcome**

Students will demonstrate aural comprehension of authentic spoken German about general or everyday topics, social conversation, as well as literary German with average complexity.

| Title | Tags |
| --- | --- |
| Writing | 192806, 6 |

**Learning Outcome**

Students will be able to demonstrate command of level-appropriate writing, including sophisticated sentences modeled on authentic German sentences. Their writing will incorporate sentences with one or more subordinate clause, as well as accurate use of punctuation and capitalization.

| Title | Tags |
| --- | --- |
| Pronunciation | 192807, 8 |

**Learning Outcome**

Students will demonstrate enough pronuncation accuracy that native Germans who are not used to foreign speakers can understand them easily.

| Title | Tags |
| --- | --- |
| Integrated Language Learning | 192808, 9 |

**Learning Outcome**

Students will be able to demonstrate level-appropriate (Intermediate/Bi or higher) proficiency in all of the 8 basic language modalities: Speaking, Listening, Reading, Writing, Grammar, Vocabulary, Culture, and Pronunciation.

| Title | Tags |
| --- | --- |
| Grammar | 192827, 1 |

**Learning Outcome**

Students will be able to demonstrate understanding and

| Title | Tags |
| --- | --- |
| Integrated Language Learning | 191520, 8 |

**Learning Outcome**

Students will be able to demonstrate level-appropriate (Intermediate/Bi or higher) proficiency in all of the 8 basic language modalities: Speaking, Listening, Reading, Writing, Grammar, Vocabulary, Culture, and Pronunciation.

| Title | Tags |
| --- | --- |
| Grammar | 191894, 1 |

**Learning Outcome**

Students will be able to demonstrate understanding and mastery of a wide range of grammatical structures and constructions, especially those principles presented in the designated units of the online course materials.

| Title | Tags |
| --- | --- |
| Vocabulary | 191895, 7 |

**Learning Outcome**

Students will demonstrate the ability to incorporate words, phrases, and idiomatic constructions into their own speaking and writing. These new vocabulary items will be drawn from films studied in this course.

| Title | Tags |
| --- | --- |
| Speaking | 192747, 1 |

**Learning Outcome**

Students will be able to converse in German about everyday topics, abstract ideas about familiar topics, personal opinions, simple interpretation of text, and current events. Students will complete presentations in class.

| Title | Tags |
| --- | --- |
| Pronunciation | 192752, 8 |

**Learning Outcome**

Students will demonstrate enough pronunciation accuracy that native Germans who are not

demonstrate understanding and mastery of a wide range of grammatical structures and constructions, especially those principles presented in the designated units of the online course materials.

| Title | Tags |
| --- | --- |
| Culture | 192828, 5 |

**Learning Outcome**

Students will demonstrate a level-appropriate knowledge of the culture and traditions of German-speaking countries, including an in-depth understanding of the significant events and issues that shaped German-speaking cultures as presented in the five films selected for this course. Students will be able to discuss, analyze and write intelligently about these events and issues in the German language.

| Title | Tags |
| --- | --- |
| Vocabulary | 192829, 7 |

**Learning Outcome**

Students will demonstrate the ability to incorporate words, phrases, and idiomatic constructions into their own speaking and writing. These new vocabulary items will be drawn from films studied in this course.

| Title | Tags |
| --- | --- |
| Reading | 192832, 2 |

**Learning Outcome**

Students will demonstrate their ability to read, comprehend and analyze authentic written German, including a level-appropriate longer text such as a filmscript and discover and explore grammar principles and idiomatic language in the texts.

## GERM 211R - Intermediate Conversation

**Course Information**

that native Germans who are not used to foreign speakers can understand them easily.

| Title | Tags |
| --- | --- |
| Listening | 192754, 3 |

**Learning Outcome**

Students will demonstrate aural comprehension of authentic spoken German about general or everyday topics, social conversation, as well as literary German with average complexity.

| Title | Tags |
| --- | --- |
| Reading | 192830, 2 |

**Learning Outcome**

Students will demonstrate their ability to read, comprehend and analyze authentic written German, including a level-appropriate longer text such as a filmscript and explore grammar principles and idiomatic language in the texts.

| Title | Tags |
| --- | --- |
| Culture | 192831, 5 |

**Learning Outcome**

Students will demonstrate a level-appropriate knowledge of the culture and traditions of German-speaking countries, including an in-depth understanding of the significant events and issues that shaped German-speaking cultures as presented in the five films selected for this course. Students will be able to discuss, analyze and write intelligently about these events and issues in the German language.

## GERM 217 - (Germ-Scand) German and Scandinavian Cinema

## Course Information

Teaching Area (new)
GERM
Course Number
211R
Teaching Area
GERM
Course Title
Intermediate Conversation
Course Description
Intensive vocabulary building and conversation practice. Can be fulfilled through language residency program.
Department
German and Russian
When Taught
Contact Department

### Credit Hours

Min
1
Fixed
5

Other Prerequisites
Germ 102 or equivalent experience

| Title | Tags |
| --- | --- |
| Carry Out Research | 192432, 1 |

Learning Outcome
Students wil be able to carry out research on one aspect of Germanic linguistics and ommunicate a clear synthesis and analysis of their research in both written and oral form.

| Title | Tags |
| --- | --- |
| Finding Sources for Research | 192433, 2 |

Learning Outcome
Students will be able to seek sources on topics in Germanic linguistics, including journal articles, handbooks, speech recordings, etc.

| Title | Tags |
| --- | --- |
| Annotated Bibliography | 192434, 3 |

Learning Outcome
Students will be able to write an annotated bibliography.

| Title | Tags |
| --- | --- |
| Data, Quotes and Citations | 192435, 4 |

Learning Outcome
Students will be able to identify appropriate data and useful quotes that help them support their thesis and the arguments

## Course Information

Teaching Area (new)
GERM
Course Number
217
Teaching Area
GERM
Course Title
(Germ-Scand) German and Scandinavian Cinema
Course Description
Background for understanding and appreciating the best of motion picture art in Germany and Scandinavia.
Department
German and Russian
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
3

Recommended
A first-year writing course
Note
Language of instruction is English; no knowledge of German or Scandinavian languages is required.

| Title | Tags |
| --- | --- |
| Becoming more Aware of Student habits of Seeing and Thinking | 192809, 6 |

Learning Outcome
As students are confronted with the startling and strange and intriguing ways that Germans and Scandinavians represent the world, they will become more aware of their own habits of seeing and thinking. In several of their written assignments and class discussions, students will demonstrate their ability to thoughtfully reflect upon these different visual practices and to engage these different ideas into meaningful dialogue.

they are making. Students will be able to introduce and cite all quotes and data properly, providing adequate and correct citations for all points they are making or ideas they are drawing on from the works of other scholars.

| Title | Tags |
| --- | --- |
| Logical Arguments | 192436, 5 |

**Learning Outcome**
Students will be able to argue their points and theses effective by using logical and cohesive arguments.

| Title | Tags |
| --- | --- |
| Reviewing One's Own Work and that of Others | 192437, 6 |

**Learning Outcome**
Students will become less dependent on their professor's grades, feedback and comments to improve their work. They will develop the ability to candidly evaluate their own performance and work, providing effective peer review for the work of others, identifying both the strengths and weaknesses of papers in terms of structure, form, citations, writing to the thesis, and overall organisation. To do so, students will be able to identify the key sentences in their own work and the work of others, shaping paragraphs and sections to ensure they fit with the thesis and topic of the research paper.

| Title | Tags |
| --- | --- |
| Using Publications as an Example for Writing Own Paper | 192438, 7 |

**Learning Outcome**
Students will be able to draw upon published sources and the articles of others to use as examples of 1) how to organise their papers (including sections and paragraphs); 2) how to cite and incorporate data (including in tables) and the ideas of others; 3) compose a bibliography, 4) format their papers, and 4) correctly use the terminology and turns of phrased used in the field in question

| Title | Tags |
| --- | --- |
| Increasing Cultural Literacy | 192810, 5 |

**Learning Outcome**
Because the course is structured around a variety of historical, theoretical, and cultural questions, students will develop and demonstrate an increased cultural literacy as they grapple with questions of ideology, identity, class, race, gender and memory in the context of the German and Scandinavian cultures and film history.

| Title | Tags |
| --- | --- |
| Developing Intellectually Sound Interpretations | 192811, 4 |

**Learning Outcome**
Students will be able to develop their own well-informed, critically provocative, and intellectually sound interpretations of different cinematic texts and be able to defend and expand these interpretations in classroom discussions and in writing assignments. A list of these specific skills can be found in the grading rubric for each of these assignments.

| Title | Tags |
| --- | --- |
| Reading, Critiquing and Writing Formal Sequence Analyses | 192812, 3 |

**Learning Outcome**
Students will be able to read, critique and write formal sequence analyses of key scenes from German and Scandinavian films.

field in question.

| Title | Tags |
| --- | --- |
| Understanding Teacher Instructions | 192779, 0 |

Learning Outcome
· I can show I understand the teacher's instructions by doing what is required.

| Title | Tags |
| --- | --- |
| German Terminology | 192780, 1 |

Learning Outcome
· I demonstrate my knowledge of the correct German terminology by role playing diverse practical settings and by discussions about related topics

| Title | Tags |
| --- | --- |
| Conversing about Novels | 192781, 2 |

Learning Outcome
· I demonstrate understanding of contents and interpretations of a novel by participating in conversations about them.

| Title | Tags |
| --- | --- |
| Communicating Needs | 192782, 3 |

Learning Outcome
· I can communicate my needs.

| Title | Tags |
| --- | --- |
| Summarizing Reading Passages | 192783, 4 |

Learning Outcome
· I can summarize reading passages.

| Title | Tags |
| --- | --- |
| Explaining hard to understand Concepts | 192784, 5 |

Learning Outcome
· I can explain hard to understand concepts to others.

| Title | Tags |
| --- | --- |
| Synthesizing and Shareing Interpretations from Reading Passa | 192785, 6 |

Learning Outcome
· I can synthesize and share my interpretation of reading passages in a novel.

Title
Express Views on Contemporary Issues

Tags
192786, 7

Learning Outcome
· I can express my views on contemporary issues using relevant terminology.

Title
Oral Presentations

Tags
192787, 8

Learning Outcome
· I can give an oral presentation from prepared notes.

Title
Pronouncing German Consonants

Tags
192788, 9

Learning Outcome
· I can pronounce the German consonants correctly.

Title
Pronouncing Germal Vowels

Tags
192789, 10

Learning Outcome
· I can pronounce the German vowels correctly.

Title
Stress Patterns

Tags
192790, 11

Learning Outcome
· I can apply the correct stress patterns.

Title
Fluent Speech Rate

Tags
192791, 12

Learning Outcome
· I can speak at a fluent speech rate.

Title
Correct Word Endings

Tags
192792, 13

Learning Outcome
· I can use the correct word endings (gender, case, number).

| Title | Tags |
| --- | --- |
| Correct Word Order | 192793, 14 |

**Learning Outcome**
· I can use the correct word order, also in complex phrases.

| Title | Tags |
| --- | --- |
| Correct Verb Forms | 192794, 15 |

**Learning Outcome**
· I can use the correct verb forms.

| Title | Tags |
| --- | --- |
| Words in Correct Contexts and Correct Connotations | 192795, 16 |

**Learning Outcome**
· I can use words in the right context and with the right connotations.

| Title | Tags |
| --- | --- |
| Motivated to Learn German | 192796, 17 |

**Learning Outcome**
· I am motivated to learn German and show this by giving my best each time.

| Title | Tags |
| --- | --- |
| Language Learning Strategies | 192797, 18 |

**Learning Outcome**
· I know what works best for me in achieving proficiency and I can use a variety of strategies.

| Title | Tags |
| --- | --- |
| Using German Outside of the Classroom | 192798, 19 |

**Learning Outcome**
· I find ways to use German outside the classroom.

| Title | Tags |
| --- | --- |
| Cultural Differing Viewpoints | 192799, 20 |

**Learning Outcome**
· I keep an open mind to understand cultural differing viewpoints.

| Title | Tags |
| --- | --- |
| Autonomous Learning and Class Preparation | 192800, 21 |

**Learning Outcome**

· I can learn grammar points on my own and show this by being prepared for class.

| Title | Tags |
| --- | --- |
| Vocabulary | 192801, 22 |

**Learning Outcome**

· I remember vocabulary by forming useful associations with new words and use these in oral and written communication.

## GERM 250 - Marx, Nietzsche, Freud

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
250

**Teaching Area**
GERM

**Course Title**
Marx, Nietzsche, Freud

**Course Description**
An introduction to the ideas of Marx, Nietzsche, and Freud in historical and contemporary contexts.

**Department**
German and Russian

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## GERM 300R - Third-Year Proficiency Tutorial

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
300R

**Teaching Area**
GERM

**Course Title**
Third-Year Proficiency Tutorial

**Course Description**
Individualized skill building in listening, speaking, reading, writing, and grammar.

**Department**
German and Russian

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
Germ 202 or equivalent.

**Note**
For students in Germ 301 and higher who require additional tutorial assistance.

| Title | Tags |
| --- | --- |
| Langugage | 192818, 1 |

**Learning Outcome**
Students will demonstrate an advanced level of language proficency.

## GERM 301 - German Cultural History

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
301

**Teaching Area**
GERM

**Course Title**
German Cultural History

**Course Description**
Introduction to cultural and political history of German-speaking countries from origins through 1918. Grammar and writing instruction integrated into this course. Taught in German.

**Department**
German and Russian

**When Taught**
Fall, Winter, Spring

#### Credit Hours

## GERM 302 - Germany in the 20th Century

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
302

**Teaching Area**
GERM

**Course Title**
Germany in the 20th Century

**Course Description**
Introduction to cultural and political history of German-speaking countries from the Weimar Republic to the fall of the Berlin Wall. Grammar and writing instruction integrated into this course. Taught in German.

**Department**
German and Russian

**When Taught**
Fall and Winter

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Other Prerequisites**
Germ 202 or equivalent experience as determined by the department.
**Note**
Entry course for returned German-speaking missionaries. Enrollment in 301 required in order to take the German challenge exam.

| Title | Tags |
|---|---|
| Language proficiency | 213833, 0, 1, 2023-08-29 09:16:58 |

**Learning Outcome**
Students will speak German at the ACTFL Intermediate High level of proficiency.

| Title | Tags |
|---|---|
| Cultural knowledge | 213834, 0, 2, 2023-08-29 09:17:00 |

**Learning Outcome**
Students will demonstrate familiarity with major historical figures, events, movements, artworks, and ideas from German-speaking lands up to 1918.

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Untitled Requirement**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- GERM 301 - German Cultural History

**Additional Comments:**

| Title | Tags |
|---|---|
| Language proficiency | 213835, 0, 1, 2023-08-29 09:17:03 |

**Learning Outcome**
Students will write German at the ACTFL Intermediate High level of proficiency.

| Title | Tags |
|---|---|
| Cultural knowledge | 213836, 0, 2, 2023-08-29 09:17:05 |

**Learning Outcome**
Students will demonstrate familiarity with major historical figures, events, movements, artworks, and ideas from German-speaking lands from 1918 to 1989.

## GERM 303 - Germany Today

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GERM | 303 |

**Teaching Area**
GERM
**Course Title**
Germany Today
**Course Description**
Introduction to cultural and political history of German-speaking countries from reunification to the present, with special focus on

## GERM 311R - Advanced Conversation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GERM | 311R |

**Teaching Area**
GERM
**Course Title**
Advanced Conversation
**Course Description**
Building vocabulary and developing skills needed to exceed assessed proficiency rating

countries from reunification to the present, with special focus on Germany's current political system and current events. Grammar and writing instruction integrated into this course. Taught in German.

**Department**
German and Russian

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GERM 302 - Germany in the 20th Century

**Additional Comments:**

| Title | Tags |
|---|---|
| Language proficiency | 213837, 0, 1, 2023-08-29 09:17:08 |

**Learning Outcome**
Students will speak and write German at the ACTFL Advanced Low level of proficiency.

| Title | Tags |
|---|---|
| Cultural knowledge | 213838, 0, 2, 2023-08-29 09:17:12 |

**Learning Outcome**
Students will demonstrate familiarity with political and cultural history in Germany since reunification, including current events.

proficiency rating.

**Department**
German and Russian

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
5

**Other Prerequisites**
Germ 211R or equivalent experience

**Note**
Intensive vocabulary building and conversation practice. Can be fulfilled through language residency program.

| Title | Tags |
|---|---|
| Understanding Teacher Instruction | 192455, 1 |

**Learning Outcome**
I can show I understand the teacher's instructions by doing what is required.

| Title | Tags |
|---|---|
| Comptemporary Issues in German | 192456, 2 |

**Learning Outcome**
I demonstrate understanding of contemporary issues in German by participating in discussions about them.

| Title | Tags |
|---|---|
| Contents and Interpretations of Novels | 192457, 3 |

**Learning Outcome**
I demonstrate understanding of contents and interpretations of a novel by participating in conversations about them.

| Title | Tags |
|---|---|
| Communicating Needs | 192458, 4 |

**Learning Outcome**
I can communicate my needs.

| Title | Tags |
|---|---|
| Summarizing Reading passage | 192459, 5 |

**Learning Outcome**
I can summarize reading passages.

| Title | Tags |
| --- | --- |
| Explaining Hard to Understand Concepts | 192460, 6 |

**Learning Outcome**
I can explain hard to understand concepts to others.

| Title | Tags |
| --- | --- |
| Synthesizing and Sharing Intrepretations of Reading Passages | 192461, 7 |

**Learning Outcome**
I can synthesize and share my interpretation of reading passages in a novel.

| Title | Tags |
| --- | --- |
| Contemporary Issues | 192462, 8 |

**Learning Outcome**
I can express my views on contemporary issues using relevant terminology.

| Title | Tags |
| --- | --- |
| Oral Presentations | 192463, 9 |

**Learning Outcome**
I can give an oral presentation from prepared notes.

| Title | Tags |
| --- | --- |
| Pronouncing German Consonants | 192464, 10 |

**Learning Outcome**
I can pronounce the German consonants correctly.

| Title | Tags |
| --- | --- |
| Pronouncing German Vowels | 192465, 11 |

**Learning Outcome**
I can pronounce the German vowels correctly.

| Title | Tags |
| --- | --- |
| Stress Patterns | 192466, 12 |

**Learning Outcome**
I can apply the correct stress patterns.

| Title | Tags |
| --- | --- |
| Fluent Speech Rate | 192467, 13 |

**Learning Outcome**
I can speak at a fluent speech rate.

| Title | Tags |
| --- | --- |
| Correct Word Order | 192468, 15 |

**Learning Outcome**
I can use the correct word order, also in complex phrases.

| Title | Tags |
| --- | --- |
| Using Correct verb forms. | 192469, 16 |

**Learning Outcome**
I can use the correct verb forms.

| Title | Tags |
| --- | --- |
| Using Words in Right Context and with the Right Connotations | 192470, 17 |

**Learning Outcome**
I can use words in the right context and with the right connotations.

| Title | Tags |
| --- | --- |
| Motivated to Learn German | 192471, 18 |

**Learning Outcome**
I am motivated to learn German and show this by giving my best each time.

| Title | Tags |
| --- | --- |
| Language Learning Strategies | 192472, 19 |

**Learning Outcome**
I know what works best for me in achieving proficiency and I can use a variety of strategies.

| Title | Tags |
| --- | --- |
| Using German outside of the classroom | 192473, 20 |

**Learning Outcome**
I find ways to use German outside the classroom.

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Differing Cultural Viewpoints | 192474, 21 |

**Learning Outcome**
I keep an open mind to understand cultural differing viewpoints.

| Title | Tags |
| --- | --- |
| Autonomous Language Learning | 192475, 22 |

**Learning Outcome**
I can learn grammar points on my own and show this by being prepared for class.

| Title | Tags |
| --- | --- |
| Vocabulary | 192476, 23 |

**Learning Outcome**
I remember vocabulary by forming useful associations with new words and use these in oral and written communication.

| Title | Tags |
| --- | --- |
| Correct Word Endings | 192802, 14 |

**Learning Outcome**
I can use the correct word endings (gender, case, number).

## GERM 316 - Directed Research in Linguistics 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GERM | 316 |

**Teaching Area**
GERM
**Course Title**
Directed Research in Linguistics 1
**Course Description**
Introduction to mentored scholarly research in German linguistic studies. Focus on gathering and analyzing data. Continued professional skills development.
**Department**
German and Russian
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**

## GERM 340 - Writing About Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GERM | 340 |

**Teaching Area**
GERM
**Course Title**
Writing About Literature
**Course Description**
Methods of literary interpretation. Reading, writing, and research skills integral to the literary analysis expected in German major or minor courses.
**Department**
German and Russian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

3

| Title | Tags |
| --- | --- |
| Research | 192819, 1 |

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area and conduct research in that area.

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Note**
Fills GE Advanced Written and Oral Communication requirement.

| Title | Tags |
| --- | --- |
| Articulating Interpretive Ideas | 192478, 1 |

**Learning Outcome**
Articulate their interpretive ideas in class discussions, written assignments and class presentations. (Class discussions, homework, presentations) [Outcomes 3, 5]

| Title | Tags |
| --- | --- |
| Library and Online Research | 192479, 6 |

**Learning Outcome**
Conduct serious library and online research and build a correct bibliography on the topic of their seminar paper. (Homework, final paper) [Outcome 3]

| Title | Tags |
| --- | --- |
| Seminar Paper | 192480, 9 |

**Learning Outcome**
Write an original, significant, persuasive seminar paper which interprets some aspect of a text from the class readings, and which is presented in correct MLA format. (Homework, final paper) [Outcomes 3, 5]

| Title | Tags |
| --- | --- |
| Analyzing Theoretical and Literary Texts | 192485, 3 |

**Learning Outcome**
Deeply analyze theoretical and literary texts of varying genres, critically asking questions of the texts in order to produce their own individual interpretation. (Homework, class discussions,

final paper) [Outcome 5]

## GERM 343 - Introduction to German Literature

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
343

**Teaching Area**
GERM

**Course Title**
Introduction to German Literature

**Course Description**
Close reading of texts; examining various critical theories and their application to German prose, drama, poetry, and film. Preparation for 440R - 445R sequence. Includes International Cinema.

**Department**
German and Russian

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
German 303

| Title | Tags |
| --- | --- |
| Literary historical knowledge | 213839, 0, 1, 2023-08-29 09:17:29 |

**Learning Outcome**
Demonstrate familiarity with select German authors and their cultural context.

| Title | Tags |
| --- | --- |
| Literary-analytical skills | 213840, 0, 2, 2023-08-29 09:17:30 |

**Learning Outcome**
Understand and demonstrate how to analyze literature using a range of techniques and literary-theoretical approaches.

## GERM 344 - Introduction to German Linguistics and Phonetics

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
344

**Teaching Area**
GERM

**Course Title**
Introduction to German Linguistics and Phonetics

**Course Description**
This course serves as an introduction to German linguistics classes by examining German phonetics and pronunciation. Perfecting listening and speaking skills through applying phonetics and acoustic analysis; practicing speaking and listening.

**Department**
German and Russian

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Germ 330

| Title | Tags |
| --- | --- |
| Principles of Phonetics | 213841, 0, 1, 2023-08-29 09:17:34 |

**Learning Outcome**
Understand and be able to describe the general principles of phonetics, e.g., what the difference is between stops, fricatives, nasals, how voicing is produced, the parts of the articulatory tract, etc.;

| Title | Tags |
| --- | --- |
| German Phonetic and Phonemic Systems | 213842, 0, 2, 2023-08-29 09:17:35 |

**Learning Outcome**

Learning Outcome
be able to describe the German phonetic and phonemic system and how it differs from the native language (i.e., English) and be able to provide the names of each of the sounds in both English and German;

| Title | Tags |
| --- | --- |
| Pronunciation Refinement | 213843, 0, 3, 2023-08-29 09:17:36 |

Learning Outcome
have eliminated phonemic errors (wrong sounds) and further refined their own pronunciation (reducing or eliminating foreign accent);

| Title | Tags |
| --- | --- |
| International Phonetic Alphabet | 213844, 0, 4, 2023-08-29 09:17:38 |

Learning Outcome
be able to use IPA (International Phonetic Alphabet) to transcribe the German language;

| Title | Tags |
| --- | --- |
| Articulation of German Phonemes and Allophones | 213845, 0, 5, 2023-08-29 09:17:41 |

Learning Outcome
be able to describe the articulation of the German phonemes and allophones;

| Title | Tags |
| --- | --- |
| Evaluating and Improving Pronunciation | 213846, 0, 6, 2023-08-29 09:17:45 |

Learning Outcome
be able to employ the tools learned in class to both evaluate and improve their own pronunciation of German as well as the pronunciation of others (including but not limited to articulatory explanations, rudimentary acoustic analysis, etc.);

| Title | Tags |
| --- | --- |
| Improving General Proficiency | 213847, 0, 7, 2023-08-29 09:17:46 |

Learning Outcome
have taken the opportunity to improve their general proficiency, including grammar, vocabulary, cultural knowledge

and functional ability;

Title
Describing and Evaluating Variation in Spoken German

Tags
213848, 0, 8, 2023-08-29 09:17:49

Learning Outcome
be able to describe and evaluate variation in spoken German by both native and non-native speakers.

## GERM 345R - Field Studies in German

### Course Information

Teaching Area (new)
GERM

Course Number
345R

Teaching Area
GERM

Course Title
Field Studies in German

Course Description
Field studies to help develop mastery of study abroad specific skills such as research data gathering, ethnographic observation, interviews, as well as intensive understanding of art and architectural history, drama and musical performances, investigations of cultural differences, etc.

Department
German and Russian

When Taught
Contact Department

### Credit Hours

Min
1

Fixed
6

Other Prerequisites
Study abroad, internship, or direct enrollment only.

Recommended
Germ 102

Title
knowledge

Tags
192820, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

## GERM 346 - Art and Architecture in German-Speaking Europe

### Course Information

Teaching Area (new)
GERM

Course Number
346

Teaching Area
GERM

Course Title
Art and Architecture in German-Speaking Europe

Course Description
Familiarizing students with the historical styles and the tools of analysis necessary for experiencing the art and architecture of German-speaking Europe. Students will visit churches, museums, palaces, and other important cultural sites.

Department
German and Russian

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Offered on Study Abroad only.

## GERM 377 - Methods in Teaching German

## GERM 378 - Practicum in Teaching German

## GERM 377 - Methods in Teaching German

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
377

**Teaching Area**
GERM

**Course Title**
Methods in Teaching German

**Course Description**
Developing meaningful and engaging instruction for secondary students in German; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

**Department**
German and Russian

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Germ 303, 344, FLang 276 for teaching majors and minors

| Title | Tags |
| --- | --- |
| Expected Learning Outcomes: | 192834, 1 |

**Learning Outcome**

Demonstrate an understanding of current theories of second language acquisition research.
Design unit and daily lesson plans in alignment with the World-readiness Standards for Learning Languages and ACTFL Proficiency Guidelines.
Create lesson segments that reflect theory and practice.
Design performance-based assessments.
Use technology as a tool for professional development and to promote student learning.
Develop the ability to reflect on their teaching, student learning and to make changes as warranted.

## GERM 378 - Practicum in Teaching German

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
378

**Teaching Area**
GERM

**Course Title**
Practicum in Teaching German

**Course Description**
Implementing meaningful and engaging instruction for secondary students in German; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

**Department**
German and Russian

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
concurrent enrollment in Germ 377

| Title | Tags |
| --- | --- |
| Learning Outcomes | 192835, 1 |

**Learning Outcome**

Recognize effective strategies of foreign language teaching.
Demonstrate how to design lesson plans based on the World-readiness Standards for Learning Languages and ACTFL Proficiency Guidelines.
Demonstrate how to teach effective lessons based on the World-readiness Standards for Learning Languages and ACTFL Proficiency Guidelines.

Be an active professional participant in the field of language teaching.

## GERM 399R - Academic Internship: German Work

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
399R

**Teaching Area**
GERM

**Course Title**
Academic Internship: German Work

**Course Description**
On-the-job ten-week summer language experience in German-speaking countries. Report required.

**Department**
German and Russian

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Note**
NOTE: Not applicable to German major or minor. NOTE: An APPROVED Internship Application is required before adding.

**Title**
Increasing knowledge of technical language

**Tags**
192502, 2

**Learning Outcome**
Students will be able to provide a list of work-specific vocabulary and technical terms that they learned over the course of their internships.

**Title**
Awareness of increased competitiveness

**Tags**
192503, 5

**Learning Outcome**
Students will be able to articulate specific ways that their internship has made them more competitive in the employment market including experience, improved language skills, specific job skills, networking opportunities, etc.

## GERM 400R - Fourth-Year Proficiency Tutorial

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
400R

**Teaching Area**
GERM

**Course Title**
Fourth-Year Proficiency Tutorial

**Course Description**
Individualized skill building in listening, speaking, reading, writing, and grammar. Completed senior portfolio reviewed, final proficiency exam administered.

**Department**
German and Russian

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Germ 401.

**Note**
Must be taken concurrently with German 401 in student's last year in the program. One credit hour required.

**Title**
Polishing and Improving German Language Skills

**Tags**
192505, 1

**Learning Outcome**
1. Under the direction of the instructor, prepared students will define areas of language competency in which they are weak and will work at their own pace to polish and improve these

| Title | Tags |
| --- | --- |
| Cultural differences | 192504, 9 |

**Learning Outcome**
Students will be able to list specific differences between American workplace culture and the work ethic, practices and ideas they learned in a German-language working environment.

| Title | Tags |
| --- | --- |
| Work-related skills | 192733, 1 |

**Learning Outcome**
In their final reports and interviews, students who have completed German 399R will be able to demonstrate the following:Students will be able to identify a list of five work-related skills that they learned during their internship experience.

| Title | Tags |
| --- | --- |
| Certifications and endorsements | 192774, 6 |

**Learning Outcome**
Students will be able to explain and contextualize thelanguage certifications, endorsements and course completion documents that they have received from their host institutions.

German language skills.
2. Under the direction of the instructor, graduating students will prepare for the Senior Proficiency Exam by defining areas of language competency in which they are weak and working at their own pace to polish and improve these German language skills.
3. As part of the course requirements, graduating students will complete all parts of the Senior Proficiency Exam (vocabulary, reading, listening comprehension, grammar, strong verbs, OPI and WPT)
4. As part of the course requirements, graduating students will complete their student portfolios and submit them.

## GERM 410R - German Proficiency Workshop 1

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
410R

**Teaching Area**
GERM

**Course Title**
German Proficiency Workshop 1

**Course Description**
A proficiency-based language course in which fourth-year students at the intermediate level of German can improve speaking, listening, reading, and writing skills building to the advanced level.

**Department**
German and Russian

**When Taught**
Spring Term

**Credit Hours**

**Min**
1

**Fixed**
3

**Recommended**
Germ 302 or equivalent

## GERM 412R - German Proficiency Workshop 2

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
412R

**Teaching Area**
GERM

**Course Title**
German Proficiency Workshop 2

**Course Description**
A proficiency-based language course in which fourth-year students at the advanced level can improve speaking, listening, reading, and writing skills building to the superior level.

**Department**
German and Russian

**When Taught**
Spring Term

**Credit Hours**

**Min**
1

**Fixed**
3

**Recommended**
Germ 303 or equivalent

## GERM 416 - Directed Research in Linguistics 2

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
416

**Teaching Area**
GERM

**Course Title**
Directed Research in Linguistics 2

**Course Description**
Introduction to mentored scholarly research in German linguistic studies. Focus on conducting linguistic research and writing about the results of linguistic studies. Continued professional development skills.

**Department**
German and Russian

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

| Title | Tags |
| --- | --- |
| Research | 192822, 1 |

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area and conduct research in that area.

## GERM 430 - Women's Studies Seminar

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
430

**Teaching Area**
GERM

**Course Title**
Women's Studies Seminar

**Course Description**
Exploration and discussion of works created by women and of other texts that participate in discourses of gender. Training in different types of research methodology, including archival work and text recovery. Completion of a research paper that combines original research and review of pertinent secondary sources.

**Department**
German and Russian

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## GERM 440R - Topics in German Literature, Film and Culture

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
440R

**Teaching Area**
GERM

**Course Title**
Topics in German Literature, Film and Culture

**Course Description**
In-depth study of a period, movement, theme, or author in German literature, film, or culture.

**Department**
German and Russian

**When Taught**
Fall and Winter

## GERM 441R - Topics in German Literature, Film and Culture (taught in English)

### Course Information

**Course Number**
441R

**Teaching Area**
GERM

**Course Title**
Topics in German Literature, Film and Culture (taught in English)

**Course Description**
In-depth study of a period, movement, theme, or author in German literature, film, or culture. Instructional language is English.

**Department**
German and Russian

**When Taught**
Contact Department

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Germ 343

| Title | Tags |
| --- | --- |
| Cultural Literacy | 213849, 0, 1, 2023-08-29 09:18:06 |

Learning Outcome
Students will demonstrate knowledge, comprehension, and appreciation of the period, movement, theme, author, or interdisciplinary topic studied in the course. Culture, literature, linguistics, and history of German-speaking countries.

| Title | Tags |
| --- | --- |
| Critical Engagement | 213850, 0, 2, 2023-08-29 09:18:08 |

Learning Outcome
Students will communicate effectively in speech and writing about the subject matter of the course. Their presentations and writing will demonstrate critical thinking, coherent development and organization of ideas, thoughtful analysis, and the ability to connect their ideas to those of relevant scholars and thinkers.

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

Note
This course is directly equivalent to GERM 440R, but taught in English.

| Title | Tags |
| --- | --- |
| Cultural Literacy | 213851, 0, 1, 2023-08-29 09:18:12 |

Learning Outcome
Students will demonstrate knowledge, comprehension, and appreciation of the period, movement, theme, author, or interdisciplinary topic studied in the course.

| Title | Tags |
| --- | --- |
| Critical Engagement | 213852, 0, 2, 2023-08-29 09:18:21 |

Learning Outcome
Students will communicate effectively in speech and writing about the subject matter of the course. Their presentations and writing will demonstrate critical thinking, coherent development and organization of ideas, thoughtful analysis, and the ability to connect their ideas to those of relevant scholars and thinkers.

## GERM 450 - History of the German Language

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GERM | 450 |

Teaching Area
GERM
Course Title

## GERM 460 - Structure of Modern German

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GERM | 460 |

Teaching Area
GERM
Course Title
Structure of Modern German

Course Title
History of the German Language
Course Description
Linguistic survey of the German language from Indo-European to modern times, including phonology, morphology, syntax, and lexicon.
Department
German and Russian
When Taught
Winter

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

Recommended
Germ 302; Germ 303; Germ 344

| Title | Tags |
| --- | --- |
| Basic Principles and Processes of Language Change | 192541, 1 |

Learning Outcome
1. be able to discuss generally the basic principles and processes of language change regarding phonological, morphological, syntactic, lexical and semantic change;

| Title | Tags |
| --- | --- |
| Types of Language Change | 192542, 2 |

Learning Outcome
2. be able to identify examples of such types of language change as they pertain to the history of the German language, e.g., assimilation, affrication, etc.;

| Title | Tags |
| --- | --- |
| Proto-Indo-European | 192543, 3 |

Learning Outcome
3. be able to provide a general description of Proto-Indo-European and its relationship to its daughter languages

Course Description
Structural and socio-linguistic study of contemporary German.
Department
German and Russian
When Taught
Fall

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

Recommended
Germ 302; Germ 303; Germ 344

| Title | Tags |
| --- | --- |
| Overview of the Origin of German | 192560, 1 |

Learning Outcome
1. Students will be able to provide a brief overview of the origin of German and its position in the Germanic language family;

| Title | Tags |
| --- | --- |
| Hochdeutsch | 192561, 2 |

Learning Outcome
2. be able to define Hochdeutsch and its position in German language use;

| Title | Tags |
| --- | --- |
| Sounds of German | 192562, 3 |

Learning Outcome
3. be able to identify and describe the sounds of German, including the features which distinguish them from one another, and whether these sounds are separate phonemes or allophones;

its daughter languages

| Title | Tags |
| --- | --- |
| Changes that Distinguished Germanic from Proto-Indo-European | 192544, 4 |

**Learning Outcome**
4. be able to identify and describe the changes which distinguished Germanic from Proto-Indo-European including Grimm's Law, Sievers' Law, accent shift, etc.

| Title | Tags |
| --- | --- |
| Relationship between Branches of Germanic | 192545, 5 |

**Learning Outcome**
5. be able to describe the relationship between the three main branches of Germanic, namely Gothic, Northern Germanic and West Germanic and outline the major Germanic languages, including the West Germanic languages;

| Title | Tags |
| --- | --- |
| Changes Distinguishing West Germanic from other Germanic Bra | 192546, 6 |

**Learning Outcome**
6. be able to identify and describe the changes distinguishing West Germanic from other Germanic branches;

| Title | Tags |
| --- | --- |
| Changes Distinguishing Germanic from West Germanic Languages | 192547, 7 |

**Learning Outcome**
7. be able to identify and describe the changes which distinguished German from the other West Germanic languages as well as the changes from Old High German to Middle High German to Modern German;

| Title | Tags |
| --- | --- |
| Main Dialects of Old High German, Middle High German, and Mo | 192548, 8 |

| Title | Tags |
| --- | --- |
| Phonological Processes | 192563, 4 |

**Learning Outcome**
4. be able to identify and describe the phonological processes, e.g., Auslautverhärtung, dissimilation, reduction, umlaut, etc. which affect how the sounds of German interact;

| Title | Tags |
| --- | --- |
| Prosodic Structure of German | 192564, 5 |

**Learning Outcome**
5. be able to outline the prosodic structure of German, including syllable structure, phonotactics, accent placement and foot structure;

| Title | Tags |
| --- | --- |
| Word Formation Rules and Morphology | 192565, 6 |

**Learning Outcome**
6. be able to identify various word formation rules in German and be able to describe the core morphological foundation of German, including differences between derivational and inflectional morphology and the roles that paradigms play in organising words in their various forms;

| Title | Tags |
| --- | --- |
| Prosody and Morphology | 192566, 7 |

**Learning Outcome**
7. be able to describe how prosodic structure helps shape some aspects of the morphology, including plural and i-cropping formations;

| Title | Tags |
| --- | --- |
| Breaking Down German Sentences into Basic Constituents | 192567, 8 |

**Learning Outcome**
8. be able to break down German sentences into their basic constituent structure and understand the structural difference between V2 and Verb-at-end sentences;

Learning Outcome
8. be able to identify the main dialects of Old High German, Middle High German and Modern German and describe their location and distinguishing features;

Title
External Influences that Shaped the History of the German La

Tags
192549, 9

Learning Outcome
9. understand and be able to describe the external influences which helped shape the history of the German language, e.g., Luther's influence, Charlemagne, the printing press, grammarians, war, trade, etc.;

Title
German Dialects

Tags
192550, 10

Learning Outcome
10. can outline and discuss the meaning of the word dialect in its linguistic sense and appreciate the various dialects of German as legitimate linguistic entities of equal value;.

Title
Why Language Changes

Tags
192551, 11

Learning Outcome
11. be able to describe reasons why languages change

Title
Research

Tags
192552, 12

Learning Outcome
12. be able to carry out research on one aspect of the history of the Germanic languages and provide a brief and clear overview of a topic related to a change in one of the Germanic languages in both written and oral form to communicate my findings in a paper in a clear manner using primary literature (journal articles);

Title
Seeking Sources on Topics in

Tags

Title
Phrases which are Complements of Various Words

Tags
192568, 9

Learning Outcome
9. be able to identify the types of phrases which are complements of various words in German;

Title
Basic Concepts of Dialectology

Tags
192569, 10

Learning Outcome
10. understand the basic concepts of dialectology to define and differentiate between the major dialects of German;

Title
Various Dialects of German

Tags
192570, 11

Learning Outcome
11. understand the meaning of the word dialect in its linguistic sense and appreciate the various dialects of German as legitimate linguistic entities of equal value;

Title
Various Changes in Spelling

Tags
192571, 12

Learning Outcome
12. be able to describe the various changes in spelling brought about by the new Rechtschreibung and understand the motivating factors behind language and orthographic normalisation;

Title
Contemporary Trends in Spoken Modern German

Tags
192572, 13

Learning Outcome
13. be able to identify and discuss contemporary trends in spoken modern German such as lexical borrowing, youth language, use/loss of dialects, etc.

Title
Disambiguating Ambiguous Sentences

Tags
192573, 14

Learning Outcome
14. to be able to disambiguate

Germanic Linguistics 192553, 13

**Learning Outcome**
13. be able to seek sources on topics in Germanic linguistics;

**Title**
Applying Learned Material to English and Other Languages

**Tags**
192554, 14

**Learning Outcome**
14. be able to make connections between what we learn in class about the history of German to better understand English, the German language and how languages (including my own language use) can change and/or differ from others' language;

**Title**
Identifying Supporting Quotes

**Tags**
192555, 15

**Learning Outcome**
15. be able to identify useful quotes that will help me support the thesis of my paper;

**Title**
Using Logical Arguments

**Tags**
192556, 16

**Learning Outcome**
16. be able to argue my point effectively using a logical argument

**Title**
Identifying data that Supports an Argument

**Tags**
192557, 17

**Learning Outcome**
17. be able to identify data that supports the arguments I am making or citing;

**Title**
Introducing and Citing Quotes

**Tags**
192558, 18

**Learning Outcome**
18 be able to introduce and cite quotes properly;

**Title**
Providing Adequate and Correct Citations

**Tags**
192559, 19

**Learning Outcome**
19. be able to provide adequate

ambiguous sentences and words and describe how the internal structure of words or sentences (in addition to accent placement) explains the multiple meanings behind the ambiguity.

**Title**
Community-Based Application for Learning

**Tags**
192833, 15

**Learning Outcome**
Students will apply their learning in given classes to create projects that help contribute to the enrichment of others outside of those classes. They will move their research beyond the culmination of a final product submitted for a grade, bringing their work into the community and public domain, including helping projects outside the classroom in concrete ways, e.g., developing materials for an online lexicon project, creating enrichment materials and activities for K-16 German classes, creating posters and papers for conferences, being able to help other students in their learning and resarch. As a result, students will be able to articulate how their learning can be applied in real life and can be extended outside of the classroom and ultimately that their learning has and should have community impact.

19. Be able to provide adequate and correct citations for the points I am making or drawing on from the works of others;

## GERM 470R - Topics in German Linguistics

### Course Information

**Course Number**
470R
**Teaching Area**
GERM
**Course Title**
Topics in German Linguistics
**Course Description**
In-depth study of a topic related to Germanic linguistics.
**Department**
German and Russian
**When Taught**
Contact Department

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

| Title | Tags |
|---|---|
| Analyze scholarship | 213853, 0, 1, 2023-08-29 09:18:30 |

**Learning Outcome**
Be able to identify and understand the core arguments of articles on the topic in Germanic linguistics and can summarize the main ideas of the journal articles.

| Title | Tags |
|---|---|
| Synthesize scholarship | 213854, 0, 2, 2023-08-29 09:18:31 |

**Learning Outcome**
Know how to seek sources on topics in Germanic linguistics and be able to write an annotated bibliography summarizing the core arguments of journal articles and evaluate the usefulness of the articles for my research paper.

| Title | Tags |
|---|---|

## GERM 476 - Secondary Student Teaching

### Course Information

**Teaching Area (new)**
GERM
**Course Number**
476
**Teaching Area**
GERM
**Course Title**
Secondary Student Teaching
**Course Description**
Capstone, field-based, semester-long, full-time experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.
**Department**
German and Russian
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
12

**Fixed**
12

| Title | Tags |
|---|---|
| Improve language, culture, and teaching skills | 192574, 1 |

**Learning Outcome**
Improve your German language proficiency, your cultural understanding, and your ability to help students see patterns in the language.

| Title | Tags |
|---|---|
| Integrate learning into teaching | 192575, 2 |

**Learning Outcome**
Critically integrate professional readings, coursework, and teaching experiences into a repertoire of options for professional thought and action

| Title | Tags |
|---|---|
| Assess student learning | 192576, 7 |

**Learning Outcome**
Develop and adapt a variety of traditional and alternative

Research 213855, 0, 3, 2023-08-29 09:18:47

**Learning Outcome**
Be able to carry out research on one aspect of the history of the Germanic languages and provide a brief and clear overview of a topic related to a change in one of the Germanic languages in both written and oral form to communicate my findings in a paper in a clear manner using primary literature (journal articles), citations, and data/arguments that support my thesis.

**Title** **Tags**
Communication 213856, 0, 4, 2023-08-29 09:18:50

**Learning Outcome**
Be able to discuss the core topics of the course orally and in writing beyond my own personal research.

assessments (including performance-based assessments, portfolios, projects, and self-assessments) to inform instruction, to evaluate students' proficiency across all three modes of communication, to provide feedback that will improve student performance, and to report student progress

**Title** **Tags**
Engage students in culture learning 192577, 4

**Learning Outcome**
Contextualize language learning experiences in cultural products, practices, and perspectives and use various techniques for engaging students in critical thinking and problem-solving regarding culture

**Title** **Tags**
Utilize communicative techniques and technologies 192717, 5

**Learning Outcome**
Utilize a variety of communication techniques and emerging technologies to foster active inquiry and collaboration in the classroom, to develop language proficiency and cultural competence, to foster students' intrinsic motivation, and to support your own professional productivity and growth

**Title** **Tags**
Create appropriate learning experiences 192723, 3

**Learning Outcome**
Craft standards-based, developmentally and contextually appropriate, meaningful learning experiences in Spanish that support the growth of students' language proficiency

**Title** **Tags**
Adapt instruction for diverse learners 192758, 8

**Learning Outcome**
Adapt learning experiences

appropriately to better meet the needs of culturally diverse learners, including students with a variety of learning styles andspecial needs

**Title**
Engage in professional development and reflection

**Tags**
192763, 9

**Learning Outcome**
Participate professionallyin the school community, in professional organizationsand professional development activities, and engage in professional dialogue and reflection with colleagues and community agencies to support students, improve your teaching, and strengthen your program

## GERM 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
477R

**Teaching Area**
GERM

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
German and Russian

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

## GERM 490R - Special Studies in German

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
490R

**Teaching Area**
GERM

**Course Title**
Special Studies in German

**Course Description**
Variable credit for individual or group study as approved for special circumstances.

**Department**
German and Russian

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent

**Note**
Not applicable to German major or minor.

**Title**
Increased learning through experiential and mentored learnin

**Tags**
192578, 1

**Learning Outcome**
Students will increase their proficiency and understanding of the German language and culture by means of experiential learning and/or mentored research opportunities.

## GERM 496R - Academic Internship: German Teaching

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
496R

**Teaching Area**
GERM

**Course Title**
Academic Internship: German Teaching

**Course Description**
Capstone, field-based, year-long, full-time experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
German and Russian

## GERM 497R - Senior Seminar in German Language

### Course Information

**Teaching Area (new)**
GERM

**Course Number**
497R

**Teaching Area**
GERM

**Course Title**
Senior Seminar in German Language

**Course Description**
In-depth study of a topic related to second-language acquisition and teaching.

**Department**
German and Russian

**When Taught**

**When Taught**
Fall

### Credit Hours

**Min**
12

**Fixed**
12

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Completion of all course work or departmental approval. Requires a major GPA of 2.85. At least a C- grade in Germ 377.

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Internship | 192823, 1 |

**Learning Outcome**
Students will apply appropriate teaching skills in a public school classroom.

Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Core Arguments of Published Research | 192579, 2 |

**Learning Outcome**
2. be able to identify and explain the core arguments of published research on the topic of study, and be able to interpret and report on the findings outlined in the data and articles studied;

| Title | Tags |
| --- | --- |
| Key Theories and Analyses | 192580, 1 |

**Learning Outcome**
General Learning Outcomes for German 497
1. understand and be able to describe keytheories and analyses proposed to account for topics and phenomena related to the relevant field of study investigated in the course, e.g., for the acquisition of new sounds in a second language (L2), contrastive analysis, markedness differential hypothesis, as well as new theories such as Flege's SLM and Best's PAM;

| Title | Tags |
| --- | --- |
| Explaining Individual Beliefs and Views | 192581, 3 |

**Learning Outcome**
3. be able to describe and explain our individual beliefs and views on a given topic related to Germanic linguistics discussed in class and be able to reassess our views and beliefs by

our views and beliefs by weighing the evidence presented in published research, defininghow these findings support or contradict our views;

| Title | Tags |
| --- | --- |
| Identifying Relevant Topics in Germanic Linguistics | 192582, 4 |

**Learning Outcome**
4. be able to identify atopic of relevance in Germanic linguistics relating to the course topic, and carry out research on the topic by identifyingand understandingthe key articles on that topic and synthesise the findings in a clearly communicated paper and presentation to othersin which the student's points are effectively and logically argued;

| Title | Tags |
| --- | --- |
| Seeking out Sources | 192583, 5 |

**Learning Outcome**
5. be able to seek out sources on topics in Germanic linguistics and/or second language acquisition;

| Title | Tags |
| --- | --- |
| Critical Reading, Summarizing, and Communicating | 192584, 6 |

**Learning Outcome**
6. be able to critically read, summarise and clearly communicate the core arguments and findings of published research on Germanic linguistics topics related to the course theme by means of an annotated bibliography, paper overview, final paper and presentation;

| Title | Tags |
| --- | --- |
| Identifying Useful Quotes | 192585, 7 |

**Learning Outcome**
7. be able to identify useful quotes and data that will help support the thesis of the research and will be able to incorporate quotes and data properly using the conventions used in linguistics; and

| Title | Tags |
| --- | --- |
| Indentifying main Contributors | 192586, 8 |

**Learning Outcome**
8. be able to identify the main contributors to researchin the field of study discussed in the course

## GERM 498R - Preparing for Professional/Graduate School

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GERM | 498R |

**Teaching Area**
GERM
**Course Title**
Preparing for Professional/Graduate School
**Course Description**
Preparation for professional schools and graduate programs. Focuses upon the rigors of the application process, developing relevant skills, and becoming conversant with current intellectual discourses.
**Department**
German and Russian
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Junior or senior status.

| Title | Tags |
| --- | --- |
| knowledge | 192824, 1 |

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

## GERM 595R - German for Reading

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GERM | 595R |

**Teaching Area**
GERM
**Course Title**
German for Reading
**Course Description**
Developing reading skills for scholarship written in German.
**Department**
German and Russian
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Intellectual, cultural and political literacy | 192718, 2 |

**Learning Outcome**
Students will demonstrate an increased literacy in contemporary intellectual, cultural, and political issues in classroom discussions and written reports.

| Title | Tags |
| --- | --- |
| Understanding of post-graduate studies | 192724, 12 |

**Learning Outcome**
Students will demonstrate an increased understanding of the character of graduate school and the realities of an academic career based on their discussions and final report.

| Title | Tags |
| --- | --- |
| Library research skills | 192744, 6 |

**Learning Outcome**
Students will demonstrate an ability to conduct library research by finding research materials for a topic of interest.

| Title | Tags |
| --- | --- |
| Preparations for post-BA pursuits | 192751, 1 |

**Learning Outcome**
The purpose of German 498 is to prepare undergraduates for the transition to post-baccalaureate education: graduate school, law school, or otherwise.

| Title | Tags |
| --- | --- |
| Academic readings | 192753, 3 |

**Learning Outcome**
Students will become more astute academic readers by demonstrating the ability to perceive argument, structure, audience, and important sources in their readings.

| Title | Tags |
| --- | --- |
| Presentation skills | 192769, 9 |

Learning Outcome
Students will demonstrate an ability to give well-organised and clearly communicated presentations based on their research.

## GERO 399R - Gerontology Internship

### Course Information

**Course Number**
399R
**Teaching Area**
GERO
**Course Title**
Gerontology Internship
**Course Description**
Internship experience that involves interaction with adults age 50 and older
**Department**
1018
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
An APPROVED Internship Application is required before adding.

**Tags**
213857, 0, 1, 2023-08-29 09:19:15

Learning Outcome
Students will be able to interact professionally with adults aged 50 and older.

**Tags**
213858, 0, 2, 2023-08-29 09:19:17

Learning Outcome
Students will apply knowledge from other courses taken for the gerontology minor, as they interact with middle-aged and older adults.

**Tags**
213859, 0, 3, 2023-08-29 09:19:19

Learning Outcome
Students will be able to serve older adults in the community.

## GES 200 - Introduction to Global Environmental Studies

### Course Information

**Teaching Area (new)**
GES
**Course Number**
200
**Teaching Area**
GES
**Course Title**
Introduction to Global Environmental Studies
**Course Description**
GES 200 is the introductory class for the Global Environmental Studies minor and will prepare students for a broadly interdisciplinary engagement with environmental issues and challenges with an intercultural perspective. The class is managed by the program director with guest lecturers from among the Global Environmental Studies affiliated faculty highlighting different methodological and disciplinary approaches to ecological concerns. The specific issues and topics covered by the class will vary by semester, but every iteration will encompass the doctrinal foundations of environmental stewardship in the interdisciplinary context of the natural sciences, social sciences, arts, and humanities.
**Department**
Kennedy Center for International Studies
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Title**
Global Environmental Issues

**Tags**
214565, 0, 1, 2023-09-01 15:53:29

Learning Outcome

Students will be able to articulate the cultural, social, and scientific underpinnings of a significant global environmental issue and evaluate effective policy proposals.

| Title | Tags |
| --- | --- |
| Interdisciplinary Approaches | 214566, 0, 2, 2023-09-01 15:53:29 |

**Learning Outcome**
Students will be able to evaluate environmental issues of global scope and policy proposals using methodologies from more than one domain of knowledge.

| Title | Tags |
| --- | --- |
| Cross-Cultural Contexts | 214567, 0, 3, 2023-09-01 15:53:29 |

**Learning Outcome**
Students will develop competencies to work sensitively across cultural contexts in order to find local cultural solutions to environmental challenges.

## GES 490 - Global Environmental Studies Capstone

### Course Information

**Teaching Area (new)**
GES

**Course Number**
490

**Teaching Area**
GES

**Course Title**
Global Environmental Studies Capstone

**Course Description**
This course catalyzes learning about complex environmental challenges through research and service. As the capstone experience for the GES program, students will produce a research project and portfolio demonstrating mastery of the quantitative and aesthetic components of science and communication. The course consists of two major projects: 1) Assembling a portfolio of previous work demonstrating mastery of the GES program outcomes. 2) Identifying and carrying out a meaningful environmental research and service project addressing a pressing issue. Depending on the selected issue, this project may result in a peer-reviewed publication, a collaborative service project, or another outcome appropriate to the project. \n

**Department**
Kennedy Center for International Studies

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## GREEK 101 - First-Year Greek (First Semester).

### Course Information

**Teaching Area (new)**
GREEK

**Course Number**
101

**Teaching Area**
GREEK

**Course Title**
First-Year Greek (First Semester).

**Course Description**
Fundamentals of Attic Greek grammar, syntax, and vocabulary.

**Department**
Comparative Arts &Letters

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
0

**Title**
Basic Forms, Grammatical Structures, and Vocabulary

**Tags**
189885, 1

**Learning Outcome**
Successful students will have command of basic forms, grammatical structures, and vocabulary of Classical Greek.

**Title**
Read Classical Greek

**Tags**
189886, 2

**Learning Outcome**
Successful students will be able to read Classical Greek at an elementary level with a high degree of understanding.

## GREEK 102 - First-Year Greek (Second

## GREEK 201 - Intermediate Greek

## GREEK 102 - First-Year Greek (Second Semester)

### Course Information

**Teaching Area (new)**
GREEK

**Course Number**
102

**Teaching Area**
GREEK

**Course Title**
First-Year Greek (Second Semester)

**Course Description**
Fundamentals of Attic Greek grammar, syntax, and vocabulary.

**Department**
Comparative Arts &Letters

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 101 - First-Year Greek (First Semester).

**Additional Comments:**

**Other Prerequisites**
or departmental approval.

**Title**
Basic Forms, Grammatical Structures, and Vocabulary

**Tags**
189891, 1

**Learning Outcome**
Successful students will have command of all basic forms, grammatical structures, and vocabulary of Classical Greek.

**Title**

**Tags**

## GREEK 201 - Intermediate Greek

### Course Information

**Teaching Area (new)**
GREEK

**Course Number**
201

**Teaching Area**
GREEK

**Course Title**
Intermediate Greek

**Course Description**
Readings from Xenophon with review and continuation of grammar.

**Department**
Comparative Arts &Letters

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 102 - First-Year Greek (Second Semester)

**Additional Comments:**

**Other Prerequisites**
or departmental approval.

**Title**
Greek Morphology

**Tags**
189893, 1

**Learning Outcome**
Successful students will master Greek morphology. All of the forms introduced in Greek 101/102 should be mastered in Greek 201. Students should be able to identify fully the forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, participles, etc.

| Title | Tags |
| --- | --- |
| Read Classical Greek | 189892, 2 |

**Learning Outcome**
Successful students will be able to read Classical Greek at an elementary level with a high degree of understanding.

| Title | Tags |
| --- | --- |
| Greek Grammar and Syntax | 189894, 2 |

**Learning Outcome**
Successful students will master Greek grammar and syntax. They should be able to recognize and identify grammatical and syntactical constructions. In other words, students should be able not only to identify the form of a Greek word, but also the function of that word. For example, a student should be able to indentify a verb form as third person singular present active subjunctive, and then explain why the subjunctive mood is being used.

| Title | Tags |
| --- | --- |
| Greek Translation | 189895, 3 |

**Learning Outcome**
Successful students should be able to translate a representative Classical Greek text into good English.

| Title | Tags |
| --- | --- |
| Greek Authors | 189896, 4 |

**Learning Outcome**
Successful students should be able to locate the literary accomplishments of the chosen author (such as Xenophon) in the context of Greek literature generally and of his own literary context specifically.

## GREEK 301 - Classical Greek Poetry: Homer's Iliad

### Course Information

**Teaching Area (new)**
GREEK
**Course Number**
301
**Teaching Area**
GREEK
**Course Title**
Classical Greek Poetry: Homer's *Iliad*
**Course Description**
Advanced Greek poetry through Homer's Iliad.
**Department**
Comparative Arts &Letters
**When Taught**
Fall

## GREEK 302 - Classical Greek Prose

### Course Information

**Teaching Area (new)**
GREEK
**Course Number**
302
**Teaching Area**
GREEK
**Course Title**
Classical Greek Prose
**Course Description**
Advanced Attic Greek through prose authors.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 201 - Intermediate Greek

**Additional Comments:**

| Title | Tags |
|---|---|
| Homeric Greek Morphology | 189897, 1 |

**Learning Outcome**
Successful students should master Homeric Greek morphology. Students should be able to identify fully the Homeric forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, participles, etc.

| Title | Tags |
|---|---|
| Homeric Greek Grammar, Syntax, and Meter | 189898, 2 |

**Learning Outcome**
Successful students should acquire a foundation in the grammar and syntax of Homeric poetry. They should also acquire a basic knowledge of the principles of scanning Greek verse. Homer's Iliad is regularly chosen as an example.

| Title | Tags |
|---|---|
| Poetic Text Translation | 189899, 3 |

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 201 - Intermediate Greek

**Additional Comments:**

| Title | Tags |
|---|---|
| Greek Morphology | 189901, 1 |

**Learning Outcome**
Successful students will refine their mastery of Classical Greek morphology. They will be able to identify fully the forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, participles, etc.

| Title | Tags |
|---|---|
| Greek Grammar and Syntax | 189902, 2 |

**Learning Outcome**
Successful students should master Greek grammar and syntax and begin to master Greek rhetoric. While they should be able to recognize and identify grammatical and syntactical constructions-a practice already refined in Greek 201, they should also be able to recognize and identify rhetorical devices employed by the author(s) being read and begin to understand the effect of those devices as employed.

| Poetic Text Translation | 189899, 3 |
|---|---|

Learning Outcome
Successful students should be able to translate a Greek poetic text into good English.

| Title | Tags |
|---|---|
| Literary Accomplishments | 189900, 4 |

Learning Outcome
Successful students should be able to locate the literary accomplishments of the chosen author (such as Homer) in the context of Greek literature generally and of his own literary context specifically.

| Title | Tags |
|---|---|
| Greek Translation | 189903, 3 |

Learning Outcome
Successful students should be able to translate a complex Greek prose text into good English.

| Title | Tags |
|---|---|
| Place in Literary History | 189904, 4 |

Learning Outcome
Successful students should be able to locate the literary accomplishments of the chosen author(s) (such as Lysias and Plato) in the context of Greek literature generally and of their own literary context specifically.

## GREEK 311 - New Testament in Greek: Gospels

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GREEK | 311 |

Teaching Area
GREEK
Course Title
New Testament in Greek: Gospels
Course Description
Introduction to the study of the canonical gospels in Koine Greek.
Department
Comparative Arts &Letters
When Taught
Fall and Winter

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

## GREEK 401 - Greek Prose Composition

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GREEK | 401 |

Teaching Area
GREEK
Course Title
Greek Prose Composition
Course Description
Exercises in composing Greek prose.
Department
Comparative Arts &Letters
When Taught
Fall Odd Years

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Simple Requisites

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 201 - Intermediate Greek

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Method | 190399, 2 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method, with specific reference to the New Testament Gospels.

| Title | Tags |
|---|---|
| Morphology, Syntax, and Vocabulary | 190455, 0 |

**Learning Outcome**
Successful students will begin to master the forms, syntax, and substantial vocabulary of Koine Greek, specifically as found in the gospels of the New Testament.

| Title | Tags |
|---|---|
| Reading Gospels in Greek | 199942, 2 |

**Learning Outcome**
Successful students will learn techniques of reading the Koine Greek of the New Testament Gospels with subtlety and precision.

| Title | Tags |
|---|---|
| Literary History and Context | 199943, 4 |

**Learning Outcome**
Successful students will begin to understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

| Title | Tags |
|---|---|
| Evaluation of Texts | 199944, 5 |

**Learning Outcome**
Successful students will evaluate

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 302 - Classical Greek Prose

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment.

| Title | Tags |
|---|---|
| Critical Theory | 190003, 1 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical theory, with specific reference to Greek texts.

| Title | Tags |
|---|---|
| Reading Comprehension and Stylistic Awareness | 190004, 4 |

**Learning Outcome**
Successful students will be able to read Greek prose literature with a high degree of understanding and with stylistic awareness.

| Title | Tags |
|---|---|
| Greek Text Evaluation | 190005, 5 |

**Learning Outcome**
Successful students will be able to evaluate texts through a close reading in the original language.

| Title | Tags |
|---|---|
| Greek Composition, Grammar, and Style | 190006, 8 |

**Learning Outcome**
Successful students will be able to compose grammatically correct and stylistically appropriate Greek prose with proficiency.

| Title | Tags |
|---|---|
| Classical and Late Greek Literary History | 190457, 7 |

**Learning Outcome**
Successful students will

texts through close reading in the original language and express this in examinations and essays.

understand the literary history of Classical and later Greek prose literature.

## GREEK 411R - Greek New Testament and Early Christian Greek Texts

### Course Information

**Teaching Area (new)**
GREEK

**Course Number**
411R

**Teaching Area**
GREEK

**Course Title**
Greek New Testament and Early Christian Greek Texts

**Course Description**
Topics include Greek New Testament, the transmission and translation of New Testament manuscripts, and selections from other early Christian Greek writings.

**Department**
Comparative Arts &Letters

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 311 - New Testament in Greek: Gospels

**Additional Comments:**

**Other Prerequisites**
Greek 302 or concurrent enrollment.

| Title | Tags |
|---|---|

## GREEK 430 - Herodotus

### Course Information

**Teaching Area (new)**
GREEK

**Course Number**
430

**Teaching Area**
GREEK

**Course Title**
Herodotus

**Course Description**
In-depth study of *The Histories* of Herodotus.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 302 - Classical Greek Prose

**Additional Comments:**

| Title | Tags |
|---|---|
| Reading Greek | 189908, 1 |

**Learning Outcome**
By studying the text of Herodotus, successful students will learn techniques of reading

Critical Method 190282, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method, with specific reference to the New Testament and related texts.

Title
Evaluation of Texts
Tags
190518, 4

Learning Outcome
Successful students will evaluate texts through close reading in the original language and express this in examinations and essays.

Title
Grammar, Syntax, and Vocabulary
Tags
189905, 1

Learning Outcome
Successful students will master all the forms, syntax, and substantial vocabulary of Koine Greek.

Title
Reading Koine Greek
Tags
189906, 2

Learning Outcome
Successful students will learn techniques of reading Koine literature with subtlety and precision.

Title
Literary History and Context
Tags
189907, 4

Learning Outcome
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

Title
Knowledge
Tags
190695, 1

Learning Outcome
Students will have a deeper understanding of Luke and Acts.

Title
Grammar, Syntax, and
Tags

will learn techniques of reading Greek prose literature with subtlety and precision.

Title
Critical Method
Tags
189909, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method, with specific reference to the text of Herodotus.

Title
Literary History
Tags
189910, 3

Learning Outcome
Successful students will understand Herodotus' place within the literary history of Classical antiquity and locate his work in the larger context of political and cultural history.

Title
Text Evaluation
Tags
189911, 6

Learning Outcome
Successful students will intelligently evaluate the text of Herodotus through close reading in the original language and express this in examinations and essays.

| Title | Tags |
| --- | --- |
| Vocabulary | 190855, 1 |

**Learning Outcome**
Successful students will master all the forms, syntax, and substantial vocabulary of Koine Greek.

| Title | Tags |
| --- | --- |
| Reading Koine Greek | 190856, 2 |

**Learning Outcome**
Successful students will learn techniques of reading Koine literature with subtlety and precision.

| Title | Tags |
| --- | --- |
| Literary History and Context | 190857, 3 |

**Learning Outcome**
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

| Title | Tags |
| --- | --- |
| Grammar, Syntax, and Vocabulary | 190858, 1 |

**Learning Outcome**
Successful students will master all the forms, syntax, and substantial vocabulary of Koine Greek.

| Title | Tags |
| --- | --- |
| Reading Koine Greek | 190859, 2 |

**Learning Outcome**
Successful students will learn techniques of reading Koine literature with subtlety and precision.

| Title | Tags |
| --- | --- |
| Literary History and Context | 190860, 3 |

**Learning Outcome**
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

**Title**

| Title | Tags |
| --- | --- |
| Grammar, Syntax, and Vocabulary | 190865, 1 |

**Learning Outcome**
Successful students will master all the forms, syntax, and substantial vocabulary of Koine Greek.

| Title | Tags |
| --- | --- |
| Reading Koine Greek | 190867, 2 |

**Learning Outcome**
Successful students will learn techniques of reading Koine literature with subtlety and precision.

| Title | Tags |
| --- | --- |
| Literary History and Context | 190868, 3 |

**Learning Outcome**
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

| Title | Tags |
| --- | --- |
| Critical Method | 190870, 1 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method, with specific reference to the New Testament and related texts.

| Title | Tags |
| --- | --- |
| Evaluation of Texts | 190871, 2 |

**Learning Outcome**
Successful students will evaluate texts through close reading in the original language and express this in examinations and essays.

| Title | Tags |
| --- | --- |
| Critical Method | 190872, 1 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method, with specific reference to the New Testament and related texts.

| Title | Tags |
| --- | --- |
| Evaluation of Texts | 190873, 2 |

**Learning Outcome**
Successful students will evaluate texts through close reading in the original language and express this in examinations and essays.

| Title | Tags |
| --- | --- |
| Critical Method | 190874, 1 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method, with specific reference to the New Testament and related texts.

| Title | Tags |
| --- | --- |
| Evaluation of Texts | 190875, 2 |

**Learning Outcome**
Successful students will evaluate texts through close reading in the original language and express this in examinations and essays.

| Title | Tags |
| --- | --- |
| Grammar, Syntax, and Vocabulary | 191201, 1 |

**Learning Outcome**
Successful students will master all the forms, syntax, and substantial vocabulary of Koine Greek.

| Title | Tags |
| --- | --- |
| Reading Koine Greek | 191202, 2 |

**Learning Outcome**
Successful students will learn techniques of reading Koine literature with subtlety and precision.

| Title | Tags |
| --- | --- |
| Literary History and Context | 191203, 3 |

**Learning Outcome**
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history

and cultural history.

## GREEK 431 - Homer's Odyssey.

### Course Information

**Teaching Area (new)**
GREEK
**Course Number**
431
**Teaching Area**
GREEK
**Course Title**
Homer's *Odyssey*.
**Course Description**
In-depth study of Homer's *Odyssey*.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 301 - Classical Greek Poetry: Homer's *Iliad*

**Additional Comments:**

**Title**
Reading Homeric Greek
**Tags**
189912, 1
**Learning Outcome**
By approaching the text of Homer's Odyssey, successful students will learn techniques of reading Greek Epic poetry with subtlety and precision.

## GREEK 433 - Thucydides

### Course Information

**Teaching Area (new)**
GREEK
**Course Number**
433
**Teaching Area**
GREEK
**Course Title**
Thucydides
**Course Description**
In-depth study of Thucydides' *History of the Peloponnesian War*.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 302 - Classical Greek Prose

**Additional Comments:**

**Title**
Reading Greek
**Tags**
189916, 1
**Learning Outcome**
By approaching the texts of Thucydides, successful students will learn techniques of reading Greek prose literature with subtlety and precision.

| Title | Tags |
| --- | --- |
| Critical Method | 189913, 2 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method with specific reference to the texts of Homer.

| Title | Tags |
| --- | --- |
| Literary History | 189914, 3 |

**Learning Outcome**
Successful students will understand the place of Homeric epic in literary history of Classical antiquity and locate Homeric epic poetry in the larger context of political and cultural history.

| Title | Tags |
| --- | --- |
| Close Reading | 189915, 6 |

**Learning Outcome**
Successful students will intelligently evaluate the Odyssey through close reading in the original language and express this through examinations and essays.

| Title | Tags |
| --- | --- |
| Critical Method | 189917, 2 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method with specific reference to the text of Thucydides.

| Title | Tags |
| --- | --- |
| Literary History | 189918, 3 |

**Learning Outcome**
Successful students will understand the place of Thucydides in the literary history of Classical antiquity and locate his work in the larger context of political and cultural history.

| Title | Tags |
| --- | --- |
| Close Reading in Original Language | 189919, 6 |

**Learning Outcome**
Successful students will intelligently evaluate texts of Thucydides through close reading in the original language and express this in examinations and essays.

## GREEK 434 - Sophocles and Euripides

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GREEK | 434 |

**Teaching Area**
GREEK
**Course Title**
Sophocles and Euripides
**Course Description**
In-depth study of the tragedies of Sophocles and/or Euripides.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## GREEK 435 - Greek Lyric Poetry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GREEK | 435 |

**Teaching Area**
GREEK
**Course Title**
Greek Lyric Poetry
**Course Description**
In-depth study of Ancient Greek lyric poetry.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 301 - Classical Greek Poetry: Homer's *Iliad*

**Additional Comments:**

| Title | Tags |
|---|---|
| Reading Greek | 189920, 1 |

**Learning Outcome**
By approaching texts by Sophocles and Euripides, successful students will learn techniques of reading Greek tragic literature with subtlety and precision.

| Title | Tags |
|---|---|
| Critical Method | 189921, 2 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the tragedies of Sophocles and Euripides.

| Title | Tags |
|---|---|
| Literary History | 189922, 3 |

**Learning Outcome**
Successful students will understand the place of Greek tragedy in the literary history of Classical antiquity, locating it in the larger context of political and cultural history.

| Title | Tags |
|---|---|
| Close Reading in Original Language | 189923, 6 |

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GREEK 301 - Classical Greek Poetry: Homer's *Iliad*

**Additional Comments:**

| Title | Tags |
|---|---|
| Reading Greek | 189924, 1 |

**Learning Outcome**
By approaching the texts of the principal lyric poets, successful students will learn techniques of reading Greek verse literature with subtlety and precision.

| Title | Tags |
|---|---|
| Critical Method | 189925, 2 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the surviving texts of Lyric poetry.

| Title | Tags |
|---|---|
| Literary History | 189926, 4 |

**Learning Outcome**
Successful students will understand place of the lyric poets in the literary history of Classical antiquity, locating them in the larger context of political and cultural history.

| Title | Tags |
|---|---|
| Close Reading in Original Language | 189927, 6 |

| Language | 189923, 0 |
|---|---|

**Learning Outcome**
Successful students will intelligently evaluate dramatic texts through close reading in the original language and express this in examinations and essays.

**Learning Outcome**
Successful students will intelligently evaluate poetic texts through close reading in the original language and express this in examinations and essays.

## GREEK 436 - Plato

### Course Information

**Teaching Area (new)**
GREEK
**Course Number**
436
**Teaching Area**
GREEK
**Course Title**
Plato
**Course Description**
Reading and analysis of Greek text of selected dialogues by Plato (e.g., *The Republic, Meno, Protagoras)*.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- GREEK 302 - Classical Greek Prose

**Additional Comments:**

| Title | Tags |
|---|---|

## GREEK 437 - Attic Orators

### Course Information

**Teaching Area (new)**
GREEK
**Course Number**
437
**Teaching Area**
GREEK
**Course Title**
Attic Orators
**Course Description**
In-depth study of the prose of the 5th-4th century Athenian orators.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- GREEK 302 - Classical Greek Prose

**Additional Comments:**

| Title | Tags |
|---|---|
| Reading Greek | 189928, 1 |

| Reading Greek | 190661, 1 |
|---|---|

**Learning Outcome**
By approaching the texts of Plato, successful students will learn techniques of reading Greek prose literature with subtlety and precision.

| Title | Tags |
|---|---|
| Critical Method | 190662, 2 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method with specific reference to the texts of Plato.

| Title | Tags |
|---|---|
| Literary History | 190663, 3 |

**Learning Outcome**
Successful students will understand the place of Plato in the literary history of Classical antiquity and locate his work in the larger context of political and cultural history.

| Title | Tags |
|---|---|
| Close Reading in the Original Language | 190664, 4 |

**Learning Outcome**
Successful students will intelligently evaluate texts of Plato through close reading in the original language and express this in examinations and essays

**Learning Outcome**
By approaching the texts of the Attic orators, successful students will learn techniques of reading Greek oratory with subtlety and precision.

| Title | Tags |
|---|---|
| Literary History | 189929, 4 |

**Learning Outcome**
Successful students will understand the place of Classical Greek oratory in the literary history of Classical antiquity and locate it in the larger context of political and cultural history.

| Title | Tags |
|---|---|
| Close Reading in Original Language | 189930, 6 |

**Learning Outcome**
Successful students will intelligently evaluate texts of Attic oratory through close reading in the original language and express this is examinations and essays.

| Title | Tags |
|---|---|
| Critical Method | 190440, 2 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Attic oratory.

## GREEK 490R - Topics in Greek Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GREEK | 490R |

**Teaching Area**
GREEK
**Course Title**
Topics in Greek Literature
**Course Description**
Topics vary.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

## GSCM 201 - Introduction to Global Supply Chain Management

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GSCM | 201 |

**Teaching Area**
GSCM
**Course Title**
Introduction to Global Supply Chain Management
**Course Description**
Introduction to global supply chain management: how firms work with other suppliers, often foreign firms, to manufacture and deliver products to customers. Topics include supply chain strategy, sourcing, supplier management, logistics, and quality management.

### Credit Hours

Min
0.5

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Reading Greek

Tags
189931, 2

Learning Outcome
By approaching the texts of selected Greek authors successful students will learn techniques for reading Greek with subtlety and precision.

Title
Critical Method

Tags
189932, 4

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of selected Greek authors.

Title
Literary History

Tags
189933, 6

Learning Outcome
Successful students will understand the place of selected Greek authors in the literary history of Classical antiquity and locate them in the larger context of political and cultural history.

Title
Close Reading in Original Language

Tags
189934, 8

Learning Outcome
Successful students will intelligently evaluate texts of

Department
Mrkting & Global Supply
When Taught
Spring and Summer Terms

### Credit Hours

Min
1.5

Fixed
1.5

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0.5

Note
STUDENTS PLANNING TO PURSUE ACCOUNTING OR ALREADY ADMITTED TO THE ACCOUNTING MAJOR SHOULD TAKE GSCM 301 and GSCM 311 INSTEAD OF GSCM 201 AND 211. Available to non-business majors.

selected Greek authors through close reading in the original language and express this in examinations and essays.

## GSCM 211 - Introduction to Supply Chain Management in International Business

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
211

**Teaching Area**
GSCM

**Course Title**
Introduction to Supply Chain Management in International Business

**Course Description**
Introduction to international supply chain concepts such as global negotiations, international shipping, outsourced manufacturing, Political Economic Social Technical Legal Environmental (PESTLE) analysis, and supply chain for global, social impact. Application of these concepts to prepare students to thrive in a global business environment.

**Department**
Mrkting & Global Supply

**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0.5

**Note**
STUDENTS PLANNING TO PURSUE ACCOUNTING OR ALREADY ADMITTED TO THE ACCOUNTING MAJOR SHOULD TAKE GSCM 301 and GSCM 311 INSTEAD OF GSCM 201 AND 211

## GSCM 301 - Global Supply Chain Management for Accountants

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
301

**Teaching Area**
GSCM

**Course Title**
Global Supply Chain Management for Accountants

**Course Description**
Introduction to global supply chain management: how firms work with other suppliers, often foreign firms, to manufacture and deliver products to customers. Topics include supply chain strategy, sourcing, supplier management, logistics, and quality management.

**Department**
Mrkting & Global Supply

**When Taught**
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2; Spring; Summer.

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0.5

**Note**
NON-ACCOUNTING STUDENTS SHOULD TAKE GSCM 201 and GSCM 211 INSTEAD OF GSCM 301 AND GSCM 311. Available to non-business majors. Students interested in accounting should take GSCM 301/311 rather than GSCM 201/211.

## GSCM 311 - Supply Chain Management in International Business for Accountants

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
311

**Teaching Area**
GSCM

**Course Title**
Supply Chain Management in International Business for Accountants

**Course Description**
Introduction to international supply chain concepts such as global negotiations, international shipping, outsourced manufacturing, Political Economic Social Technical Legal Environmental (PESTLE) analysis, and supply chain for global, social impact. Application of these concepts to prepare students to thrive in a global business environment.

**Department**
Mrkting & Global Supply

**When Taught**
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2; Spring; Summer.

#### Credit Hours

**Min**
1.5

**Fixed**
1.5

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0.5

**Note**
NON-ACCOUNTING STUDENTS SHOULD TAKE GSCM 201 and GSCM 211 INSTEAD OF GSCM 301 AND GSCM 311. Available to non-business majors. Students interested in accounting should take GSCM 301/311 rather than GSCM 201/211.

## GSCM 326 - Career Development and Student Mentoring

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
326

**Teaching Area**
GSCM

**Course Title**
Career Development and Student Mentoring

**Course Description**
Introduction to the resources, services, and opportunities for career development available to business management majors. Specific projects include developing a career plan, refining interviewing and networking skills, and interacting individually with a mentor well-established in a directly relevant career.

**Department**
Mrkting & Global Supply

**When Taught**
Fall

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Global Supply Chain Management majors only.

## GSCM 380 - Global Supply Chain Management Executive Lecture Series

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
380

**Teaching Area**
GSCM

**Course Title**
Global Supply Chain Management Executive Lecture Series

## GSCM 401 - Operations Management

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
401

**Teaching Area**
GSCM

**Course Title**
Operations Management

**Course Description**

**Course Description**
Global supply chain executives from various industries will visit and discuss their professional and life experiences. Executives will present students with common ethical dilemmas, work situations, and professional advice common to the GSCM career field.
**Department**
Mrkting & Global Supply
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

Examining issues and tools in production and operations management. Specific tools for forecasting, planning, inventory control, and project management presented and developed. Process design and improvement in both manufacturing and service organizations.
**Department**
Mrkting & Global Supply
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Global Supply Chain majors only.

| Title | Tags |
| --- | --- |
| International Supply Chain Philosophies | 176073, 1 |

**Learning Outcome**
Recognize and explain basic differences between US supply chain processes and philosophies and those used in other countries.

| Title | Tags |
| --- | --- |
| Management Models | 176332, 0 |

**Learning Outcome**
Utilizing tools and technology to analyze management models.

| Title | Tags |
| --- | --- |
| Collaboration | 176333, 2 |

**Learning Outcome**
Work in teams.

| Title | Tags |
| --- | --- |
| Supply Chain Ethics | 176334, 3 |

**Learning Outcome**
Understand ethical issues in

global supply chain relationships.

## GSCM 402 - Quality Management

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
402

**Teaching Area**
GSCM

**Course Title**
Quality Management

**Course Description**
Concepts of quality management, strategic issues, philosophies, tools, and fundamentals such as Six Sigma and Lean Production used to innovate and improve quality.

**Department**
Mrkting & Global Supply

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Global Supply Chain majors only.

| Title | Tags |
|---|---|
| Excel | 176070, 2 |

**Learning Outcome**
Develop basic control charts in Excel.

| Title | Tags |
|---|---|
| Quality Tools | 176199, 3 |

**Learning Outcome**
Apply basic quality tools to specific quality challenges.

## GSCM 403 - Purchasing and Supply Management

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
403

**Teaching Area**
GSCM

**Course Title**
Purchasing and Supply Management

**Course Description**
Focuses on upstream supply chain activities of supplier selection, management, and development. Negotiation, costing, product development, and commodity analysis.

**Department**
Mrkting & Global Supply

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Global Supply Chain majors only.

| Title | Tags |
|---|---|
| Ethical Professional Standards | 176102, 2 |

**Learning Outcome**
Describe the ethical and professional standards expected among supply management professionals.

| Title | Tags |
|---|---|
| Understanding Costs | 176195, 1 |

**Learning Outcome**
Understand direct and indirect

| Title | Tags |
| --- | --- |
| Recommend Solutions | 176203, 1 |

**Learning Outcome**
Apply a contingency theoretic approach in recommending solutions to quality problems.

| Title | Tags |
| --- | --- |
| Supply Chain | 176294, 1 |

**Learning Outcome**
Implement quality tools and concepts in a supply chain.

Understand direct and indirect costs, fixed, step, and variable costs, target costs, and various ways to perform cost analyses.

| Title | Tags |
| --- | --- |
| Commodity Plan | 176295, 0 |

**Learning Outcome**
Create and utilize a category plan.

## GSCM 404 - Supply Chain Logistics

### Course Information

**Teaching Area (new)**
GSCM
**Course Number**
404
**Teaching Area**
GSCM
**Course Title**
Supply Chain Logistics
**Course Description**
Integration of materials management (inbound transportation), physical distribution (outbound transportation), inventory, warehousing, facility location, customer service, packaging, and materials handling.
**Department**
Mrkting & Global Supply
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Global Supply Chain majors only.

| Title | Tags |
| --- | --- |

## GSCM 410 - Artificial Intelligence in Business Operations

### Course Information

**Course Number**
410
**Teaching Area**
GSCM
**Course Title**
Artificial Intelligence in Business Operations
**Course Description**
Artificial Intelligence (AI) can impact business operations in substantial ways. This course provides students who do not have a technical (i.e., software engineering) background with a working knowledge of AI concepts, principles, tools, and applications. We review current types of AI systems and considerations for implementation. The course will prepare students to use AI on the job as well as direct others who manage the technical aspects of AI systems.
**Department**
Mrkting & Global Supply
**When Taught**
Winter

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Learning Outcome**

| | |
|---|---|
| Non typical Logistics | 176261, 3 |

**Learning Outcome**
Understand logistics concepts including global logistics, humanitarian logistics, and sustainability.

| Title | Tags |
|---|---|
| International logistics | 176260, 2 |

**Learning Outcome**
Understand the processes, skills and terminology required to do logistics globally.

| Title | Tags |
|---|---|
| Transportation Management | 176259, 1 |

**Learning Outcome**
Apply the general principles and managerial skills related to transportation.

| Title | Tags |
|---|---|
| Warehouse and Inventory Management | 176296, 0 |

**Learning Outcome**
Understand the general principles and concerns of Warehouse and Inventory management.

| Title | Learning Outcome |
|---|---|
| Explain AI concepts and types | Students will be able to explain fundamental concepts and types of AI models. |
| Determine AI use cases | Students will determine business operation use cases for AI models. |
| Articulate AI implementation steps | Students will able to articulate steps to implementing AI systems in business operations. |
| Address AI risks and ethical issues | Students will identify limitations, risks, and ethical issues of AI systems. |

## GSCM 411 - Global Business Negotiations

### Course Information

**Teaching Area (new)**
GSCM
**Course Number**
411
**Teaching Area**
GSCM
**Course Title**
Global Business Negotiations
**Course Description**
Developing an effective negotiation framework for cross-national/cultural negotiation techniques relative to business and other life situations.
**Department**
Mrkting & Global Supply
**When Taught**
Winter

### Credit Hours

**Min**
3

## GSCM 412 - Operations Analytics

### Course Information

**Teaching Area (new)**
GSCM
**Course Number**
412
**Teaching Area**
GSCM
**Course Title**
Operations Analytics
**Course Description**
Methods and tools necessary for analyzing and solving problems associated with global supply chain management.
**Department**
Mrkting & Global Supply
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Marriott School majors only.

| Title | Tags |
|---|---|
| Conduct Negotiations | 176039, 2 |

**Learning Outcome**
Conduct a negotiation in a cultural setting other than the US.

| Title | Tags |
|---|---|
| Impromptu Negotiating | 176120, 5 |

**Learning Outcome**
Conduct an impromptu negotiation.

| Title | Tags |
|---|---|
| Understanding Concepts | 176152, 0 |

**Learning Outcome**
Understand and apply concepts of BATNA, ZOPA, etc.

| Title | Tags |
|---|---|
| Integrative Negotiating | 176172, 4 |

**Learning Outcome**
Conduct a successful integrative negotiation.

| Title | Tags |
|---|---|
| Negotiating Strategies | 176262, 3 |

**Learning Outcome**
Use negotiating strategies to strengthen your position.

| Title | Tags |
|---|---|
| Cultural Factors | 176297, 1 |

**Learning Outcome**

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GSCM 401 - Operations Management

**Additional Comments:**

**Other Prerequisites**
For Marriott School majors only.

| Title | Tags |
|---|---|
| Decision Modeling and Optimization | 208226, 0, 1 |

**Learning Outcome**
Competently choose, manipulate, and populate supply chain analytics models, using appropriate theory and software tools

| Title | Tags |
|---|---|
| Data Manipulation and Visualization | 177138, 1 |

**Learning Outcome**
Use a visualization software program such as Tableau or a programming language such as R to manipulate and visualize data supply chain-related sets too large for Excel analysis

| Title | Tags |
|---|---|
| Statistics and Machine Learning | 177046, 2 |

**Learning Outcome**
Understand fundamental data science and machine learning concepts well enough for intelligent, critical conversation with data scientists and for basic analyses.

Understand and apply cultural factors to specific cases.

## GSCM 414 - Introduction to Sustainable Business

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
414

**Teaching Area**
GSCM

**Course Title**
Introduction to Sustainable Business

**Course Description**
Exploring the role of business in environmental, corporate, and social sustainability. Understanding how business functions, management tools, and government regulations interact with major sustainability frameworks. Balanced problem-solving and critical thinking for complex sustainability issues.

**Department**
Mrkting & Global Supply

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Only for students admitted to the BYU Marriott School of Business

## GSCM 419 - Customer Relationship Management

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
419

**Teaching Area**
GSCM

**Course Title**
Customer Relationship Management

**Course Description**
Methods and principles for effective management of customer relationships within service businesses. Analyzing customer-interactive processes with regard to strategic innovation, performance measurement and improvement, process efficiency, interactive job design, service marketing, and service quality assurance.

**Department**
Mrkting & Global Supply

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Marriott School majors only.

| Title | Tags |
| --- | --- |
| Service Principles and Analytical Frameworks | 176030, 2 |

**Learning Outcome**
Apply service principles and analytical frameworks to actual business situations.

| Title | Tags |
| --- | --- |
| Services Management | 176263, 0 |

**Learning Outcome**
Understand principles that lead to successful services management.

**Title**
Enrichment Project

**Tags**
176264, 4

**Learning Outcome**
Make significant business decisions.

**Title**
Understand Analytical Frameworks

**Tags**
176298, 1

**Learning Outcome**
Apply analytical frameworks that provide rigor to your study of services.

## GSCM 429 - Global Supply Chain Strategy

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
429

**Teaching Area**
GSCM

**Course Title**
Global Supply Chain Strategy

**Course Description**
Integrative and creative problem solving in designing and managing cohesive value-added conversion/transformation systems in a global environment.

**Department**
Mrkting & Global Supply

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

## GSCM 431 - Global Supply Chain

### Course Information

**Teaching Area (new)**
GSCM

**Course Number**
431

**Teaching Area**
GSCM

**Course Title**
Global Supply Chain

**Course Description**
The emerging rules of a global marketplace and their influence on key supply chain activities and processes.

**Department**
Mrkting & Global Supply

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GSCM 401 - Operations Management

**Additional Comments:**

**Other Prerequisites**
For Global Supply Chain majors only.

| Title | Tags |
|---|---|
| Teamwork | 176265, 0 |

**Learning Outcome**
Engage proactively, as an individual and as a member of a team.

| Title | Tags |
|---|---|
| Risk Assessment | 176266, 1 |

**Learning Outcome**
Manage and evaluate risk.

| Title | Tags |
|---|---|
| Communication | 176267, 2 |

**Learning Outcome**
Communicate persuasively.

| Title | Tags |
|---|---|
| Supply Chain | 176299, 3 |

**Learning Outcome**
Use knowledge of Supply Chain theory, strategy, and practice to solve specific case problems and challenges.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GSCM 401 - Operations Management

**Additional Comments:**

**Other Prerequisites**
For Marriott School majors only.

| Title | Tags |
|---|---|
| Purchasing in global supply chain and operations | 177052, 1 |

**Learning Outcome**
This course has not been offered for several years, and has been superceded by an update course on this topic.

## GSCM 490R - Topics in Global Supply Chain Management

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GSCM | 490R |

**Teaching Area**
GSCM
**Course Title**
Topics in Global Supply Chain Management
**Course Description**

## GSCM 530 - Operations Management

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GSCM | 530 |

**Teaching Area**
GSCM
**Course Title**
Operations Management
**Course Description**
Examining issues and tools in production and operations management. Specific tools for forecasting, planning, inventory control, and project

Focus on a major topic, issue, or analytical method used in the field of global supply chain management. The specific topics covered will vary year to year.

**Department**
Mrkting & Global Supply

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
By permission only.

Specific tools for forecasting, planning, inventory control, and project management presented and developed.

**Department**
Mrkting & Global Supply

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
MAcc or MISM major status

| Title | Tags |
| --- | --- |
| Operations Scope | 176044, 0 |

**Learning Outcome**
Understand scope and importance of operating processes and decisions

| Title | Tags |
| --- | --- |
| Quality Management | 176101, 2 |

**Learning Outcome**
Understand key constructs in quality management

| Title | Tags |
| --- | --- |
| Operations and Strategy | 176207, 3 |

**Learning Outcome**
Understand link between operations and strategic management of the firm

| Title | Tags |
| --- | --- |
| Skills | 176300, 1 |

**Learning Outcome**
Demonstrate quantitative skills required to analyze operating processes

| Title | Tags |
| --- | --- |
| Critical Assessment | 176301, 4 |

**Learning Outcome**
Develop a point of view about an operational challenge and argue persuasively for it in a professional setting.

## GSCM 585 - Scholarly Research in GSCM

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GSCM | 585 |

**Teaching Area**
GSCM
**Course Title**
Scholarly Research in GSCM
**Course Description**
Introduction to theory and methods that are foundational to scholarly research in global supply chain management. Understanding how to navigate previously published research, distinguish between speculation and verified truth, identify research opportunities and appropriate methods, develop research plans and proposals, and impact contemporary thought through publication. This course can help students tap into scholarly research, participate in scholarly research, and prepare to apply to GSCM PhD programs.
**Department**
Mrkting & Global Supply
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## GUARA 100 - Language Study: Guarani

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GUARA | 100 |

**Teaching Area**
GUARA
**Course Title**
Language Study: Guarani
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Guarani.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 195915, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 195916, 2 |

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- GSCM 401 - Operations Management

Prerequisites

**Complete ALL of the following Courses:**

- MBA 530 - Operations Management

**Additional Comments:**

**Other Prerequisites**
For BYU Marriott School majors only, or by instructor permission

| Title | Tags |
|---|---|
| Learn through research | 211412, 0, 1 |

**Learning Outcome**
Learn how to answer cutting-edge Global Supply Chain Management questions through scholarly research.

| Title | Tags |
|---|---|
| Explore research methodologies | 211414, 0, 3 |

**Learning Outcome**
Explore various research methodologies for data collection and analysis.

| Title | Tags |
|---|---|
| Study academic research | 211413, 0, 2 |

**Learning Outcome**
Study previously published academic GSCM research in order to develop critical thinking skills.

| | |
|---|---|
| Social Situations | 195918, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 195918, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## GUARA 101 - First-Year Language Study: Guarani

### Course Information

**Teaching Area (new)**
GUARA
**Course Number**
101
**Teaching Area**
GUARA
**Course Title**
First-Year Language Study: Guarani
**Course Description**
Beginning speaking, listening, reading, and writing skills in Guarani.
**Department**
Language Studies
**When Taught**
Contact Department

## GUARA 102 - First-Year Language Study: Guarani

### Course Information

**Teaching Area (new)**
GUARA
**Course Number**
102
**Teaching Area**
GUARA
**Course Title**
First-Year Language Study: Guarani
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Guarani.
**Department**
Language Studies
**When Taught**

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 195921, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195922, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195923, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195926, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GUARA 101 - First-Year Language Study: Guarani

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 195930, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195931, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195932, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally

consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195935, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## GUARA 201 - Second-Year Language Study: Guarani

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GUARA | 201 |

**Teaching Area**
GUARA
**Course Title**
Second-Year Language Study: Guarani
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Guarani.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

## GUARA 202 - Second-Year Language Study: Guarani

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GUARA | 202 |

**Teaching Area**
GUARA
**Course Title**
Second-Year Language Study: Guarani
**Course Description**
Continued emphasis on Guarani communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

- GUARA 102 - First-Year Language Study: Guarani

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 195938, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 195939, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 195940, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 195941, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

- GUARA 201 - Second-Year Language Study: Guarani

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 195944, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 195946, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195947, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 195949, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## GUARA 305 - Language Skills Development: Guarani

### Course Information

**Teaching Area (new)**
GUARA

**Course Number**
305

**Teaching Area**
GUARA

**Course Title**
Language Skills Development: Guarani

**Course Description**
Increasing proficiency in one or more of the following Guarani language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 195952, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 195954, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 195955, 3 |

**Learning Outcome**
Interact with cultural competence and understanding

## GUARA 321 - Advanced Grammar: Guarani

### Course Information

**Teaching Area (new)**
GUARA

**Course Number**
321

**Teaching Area**
GUARA

**Course Title**
Advanced Grammar: Guarani

**Course Description**
Systematic review of grammar and syntax of Guarani.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- GUARA 202 - Second-Year Language Study: Guarani

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 195956, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 195958, 2 |

**Learning Outcome**

when dealing with native speakers associated with the special purpose.

Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 195960, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## GUARA 330 - Advanced Language Proficiency Through Cultural Studies: Guarani

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GUARA | 330 |

**Teaching Area**
GUARA
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Guarani
**Course Description**
Study of Guarani culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Guara 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent

## GUARA 340 - Introduction to Literature: Guarani

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| GUARA | 340 |

**Teaching Area**
GUARA
**Course Title**
Introduction to Literature: Guarani
**Course Description**
Advanced study of Guarani literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 195962, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 195963, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195964, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 195965, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

Prerequisites

**Complete ALL of the following Courses:**

- GUARA 330 - Advanced Language Proficiency Through Cultural Studies: Guarani

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 195967, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 195968, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 195971, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 195973, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## GUARA 350 - Advanced Language Study for Career Purposes: Guarani

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GUARA | 350 |

## GWS 222 - (WS-Soc) Introduction to Global Women's Studies

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| GWS | 222 |

**Teaching Area**
GUARA
**Course Title**
Advanced Language Study for Career Purposes: Guarani
**Course Description**
Concentration on Guarani language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GUARA 330 - Advanced Language Proficiency Through Cultural Studies: Guarani

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 195975, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 195977, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and

**Teaching Area**
GWS
**Course Title**
(WS-Soc) Introduction to Global Women's Studies
**Course Description**
An introduction to the most important issues affecting women's lives and to contributions made by women both nationally and internationally. The course will include historical, sociological, psychological, theological, legal, and/or cultural, and other approaches.
**Department**
Internationl&Area Studies
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 195979, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 195981, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195984, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## GWS 330 - Women in the Scriptures

### Course Information

**Teaching Area (new)**
GWS
**Course Number**
330
**Teaching Area**
GWS
**Course Title**
Women in the Scriptures
**Course Description**
A close examination of stories and writings about women found within the scriptural canon of The Church of Jesus Christ of Latter-day Saints, focusing on the contributions of biblical women to the life, culture, religion, and history of Israel and the interpretation of their stories over time.\n\n\n
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

## GWS 332 - The History of Latter-day Saint Women

### Course Information

**Teaching Area (new)**
GWS
**Course Number**
332
**Teaching Area**
GWS
**Course Title**
The History of Latter-day Saint Women
**Course Description**
The religious, domestic, economic, political, social and familial lives of Latter-day Saint women within the broader contexts of American and global women's history and Latter-day Saint history. Mormon women's relationship to national trends and their association with national women's organizations.
**Department**
Internationl&Area Studies
**When Taught**
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| History and Context | 199845, 1 |

Learning Outcome
1. Students will demonstrate knowledge of Mormon Women's history-religious, social, political, familial, cultural, intellectual, etc.-within a larger historiographical context.

| Title | Tags |
| --- | --- |
| Research | 199846, 2 |

Learning Outcome
o 2. Students will be able to grapple with primary and secondary sources in analytical ways and will become skilled at asking important questions and forming and supporting their own conclusions.

## GWS 337R - Latter-day Saint Women as Cultural Producers

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
337R

**Teaching Area**
GWS

**Course Title**
Latter-day Saint Women as Cultural Producers

**Course Description**
Topics related to the ways Latter-day Saint women (historically and currently) have made cultural contributions, including an exploration of the significance of those contributions.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
GWS 222

## GWS 341 - Women and Global Migration

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
341

**Teaching Area**
GWS

**Course Title**
Women and Global Migration

**Course Description**
Exploration of how gender affects im/migration trends, laws, policies, patterns, and migrants' lived experiences, especially for women, and how migration occurs on a voluntary and involuntary basis between, within, and across borders. An examination of the role of sovereignty, liberalism, and citizenship in facilitating or limiting -- the mass movement of women, their families, and communities.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
GWS 222

## GWS 350 - Medieval European Women Writers

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
350

**Teaching Area**
GWS

**Course Title**
Medieval European Women Writers

**Course Description**
Readings in European literature by women in the Middle Ages (prior to 1500).

**Department**
Internationl&Area Studies

## GWS 351 - Early Modern European Women Writers

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
351

**Teaching Area**
GWS

**Course Title**
Early Modern European Women Writers

**Course Description**
Readings in European literature by women prior to 1700.

**Department**
Internationl&Area Studies

**When Taught**

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Key texts | 199865, 1 |

Learning Outcome
Students will demonstrate familiarity with key texts written by women in medieval Europe

| Title | Tags |
| --- | --- |
| Women writers | 199866, 2 |

Learning Outcome
Students will explain continuities found in the work of medieval women writers in Europe and later women writers in the West

Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
WS 222

| Title | Tags |
| --- | --- |
| Textual Analysis | 199810, 0 |

Learning Outcome
1. Students will be able to read critically women-authored texts and analyze them within their cultural and literary contexts in Early Modern Europe.

| Title | Tags |
| --- | --- |
| Appreciation of Women's Writing | 199814, 2 |

Learning Outcome
3. Students will be able to evaluate, recognize the diversity of and develop an appreciation for "the other voice" in Early Modern Europe.

| Title | Tags |
| --- | --- |
| Cultural Awareness | 199842, 1 |

Learning Outcome
2. Students will be able to recognize key female authors from this era, discern between literary genres and produce competent essays based on their critical engagement with course texts.

## GWS 352 - Modern European Women Writers

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
352

**Teaching Area**
GWS

**Course Title**
Modern European Women Writers

**Course Description**
Readings in European literature by women after 1700.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
WS 222

| Title | Tags | Learning Outcome |
|---|---|---|
| Texts and Contexts | 199847, 1 | 1. Students will demonstrate an ability to read critically women-authored literary texts and analyze them within their cultural and literary contexts in Modern Europe. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Research | 199848, 2 | 2. Students will perform scholarly research on a text or texts related to the course and produce competent essays (literary criticism) to communicate that research. |

## GWS 354 - Pan American Women Writers

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
354

**Teaching Area**
GWS

**Course Title**
Pan American Women Writers

**Course Description**
Readings in literature by women from throughout the Americas from 1600 to the present, with a particular focus on the intersections of gender, race, class, ethnicity, and age.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
WS 222

| Title | Tags | Learning Outcome |
|---|---|---|
| knowledge | 199854, 1 | Students will demonstrate an advanced level of knowledge of women writers. |

## GWS 358 - The Gendered Camera: Women and World Cinema

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
358

**Teaching Area**
GWS

**Course Title**
The Gendered Camera: Women and World Cinema

**Course Description**
Readings and practice in visual literacy and film theory related to women. A focus on the history of women in film with special attention to the work of early women film pioneers and women's world cinema from its beginnings to today.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## GWS 360R - Women Who Have Made a Difference

### Course Information

**Course Number**
360R

**Teaching Area**
GWS

**Course Title**
Women Who Have Made a Difference

**Course Description**
This course focuses on a woman or a small group of women who have made important contributions in their fields, within their cultures, and/or to society locally or globally.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

**Recommended**
GWS 222

| Title | Tags |
| --- | --- |
| Challenges Met by Women | 213860, 0, 1, 2023-08-29 09:22:43 |

**Learning Outcome**
1. Students will identify and explain the kinds of challenges faced or recognized by the woman or women highlighted in the course.

| Title | Tags |
| --- | --- |
| Contributions of Women | 213861, 0, 2, 2023-08-29 09:22:44 |

**Learning Outcome**
2. Students will be able to list and explain the contributions and accomplishments of the woman or women highlighted in the course.

| Title | Tags |
| --- | --- |
| Research and Communication | 213862, 0, 3, 2023-08-29 09:22:46 |

**Learning Outcome**
3. Students will read, write, and think analytically about the woman or women highlighted in the course. Students will conduct research and communicate that research effectively in oral

research effectively in oral, written, and/or multi-media presentations.

## GWS 370 - Women in Science

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
370

**Teaching Area**
GWS

**Course Title**
Women in Science

**Course Description**
Women scientists, their challenges, and their contributions to scientific knowledge in many fields.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
WS 222

| Title | Tags |
| --- | --- |
| knowledge | 199855, 1 |

**Learning Outcome**
Students will demonstrate an advanced level of knowledge of women in science

## GWS 390R - Global Women's Studies Special Topics

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
390R

**Teaching Area**
GWS

**Course Title**
Global Women's Studies Special Topics

**Course Description**
Subjects related to women's studies and gender issues from a variety of disciplines.

**Department**
Internationl&Area Studies

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
3

## GWS 392R - Global Women's Studies Colloquium

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
392R

**Teaching Area**
GWS

**Course Title**
Global Women's Studies Colloquium

**Course Description**
Scholarly findings presented by researchers on topics relating to the effect of gender norms on the ways we live, the impact of social issues and power structures on women's lives, and the contributions of women throughout history and around the world.

**Department**
Internationl&Area Studies

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Recommended**
WS 222

## GWS 394R - GWS Topics taught in Languages other than English

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
394R

**Teaching Area**
GWS

**Course Title**
GWS Topics taught in Languages other than English

**Course Description**
The topics in this course relate to women and gender in non-English speaking cultures and communities. The course materials and instruction are offered in a language other than English.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Second Language Use

**Tags**
213863, 0, 1, 2023-08-29 09:22:48

**Learning Outcome**
Students will use their second language skills to read about and discuss topics related to women and gender within an authentic cultural context.

**Title**
Translingual and Transcultural Sensitivities

**Tags**
213864, 0, 2, 2023-08-29 09:22:50

**Learning Outcome**
Students will employ increased transnational, translingual, and transcultural sensitivities in their written and oral communications, particularly in relationship to cultural differences and the experiences of women.

## GWS 395R - Global Women's Studies Mentored Study Experience

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
395R

**Teaching Area**
GWS

**Course Title**
Global Women's Studies Mentored Study Experience

**Course Description**
Readings, research, and writing about women's lived experiences and contributions mentored by a faculty advisor. Intended for students enrolled in a study abroad program or a travel experience off campus, or for a student involved in a mentored research project with a faculty advisor.

**Department**
Internationl&Area Studies

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
3

## GWS 397R - Global Women's Studies: Editing for Publication

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
397R

**Teaching Area**
GWS

**Course Title**
Global Women's Studies: Editing for Publication

**Course Description**
Students will gain experience copy editing by working on AWE: A Woman's Experience, the student journal for the Global Women's Studies program. Students will work as a team and with a faculty mentor to publicize, edit, design, and publish the latest issue of the journal.

**Department**
Internationl&Area Studies

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

## GWS 399R - Global Women's Studies Internship

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
399R

**Teaching Area**
GWS

**Course Title**
Global Women's Studies Internship

**Course Description**
Credit for work relating to issues affecting women's lives at an international, national, or local non-profit organization, business, or institution. Students will submit a written report of their internship experience.

**Department**
Internationl&Area Studies

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**

## GWS 422 - Global Women's Studies Theory

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
422

**Teaching Area**
GWS

**Course Title**
Global Women's Studies Theory

**Course Description**
International historical and contemporary theories and analysis of gender inequality from a variety of fields, including anthropology, sociology, communication, psychology, philosophy, literature, and education.

**Department**
Internationl&Area Studies

**When Taught**
Fall

### Credit Hours

**Min**
3

1

**Fixed**
3

**Note**
An APPROVED Internship Application is required before adding.

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
WS 222 or instructor permission

| Title | Tags |
| --- | --- |
| Primary Theoretical Texts | 199725, 1 |

**Learning Outcome**
1. Students will be able to analyze and demonstrate a sound knowledge of a selection of primary documents related to historical and contemporary theories of women's studies.

| Title | Tags |
| --- | --- |
| Research and Writing Skills | 199726, 2 |

**Learning Outcome**
2. Students will be able to produce substantive and competent term papers and projects focused on issues raised by women's studies theories.

| Title | Tags |
| --- | --- |
| Research and Writing Skills | 199819, 1 |

**Learning Outcome**
2. Students will be able to produce substantive and competent term papers and projects focused on issues raised by women's studies theories.

| Title | Tags |
| --- | --- |
| Primary Theoretical Texts | 199821, 0 |

**Learning Outcome**
1. Students will be able to analyze and demonstrate a sound knowledge of a selection of primary documents related to historical and contemporary theories of women's studies.

## GWS 492 - Global Women's Studies Capstone

### Course Information

**Teaching Area (new)**
GWS

**Course Number**
492

**Teaching Area**
GWS

**Course Title**
Global Women's Studies Capstone

**Course Description**
Mentored research related to women or gender and leading to a senior capstone project and presentation.

**Department**
Internationl&Area Studies

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Knowledge Application | 199727, 2 |

**Learning Outcome**
2. Students will be able to apply their knowledge and experience from interdisciplinary women's studies courses to their mentored research projects.

| Title | Tags |
| --- | --- |
| Mentoring Experience | 199728, 3 |

**Learning Outcome**
3. Students will be able to edit and refine their writing and presentation, and expand and develop their research and communication skills with guidance from their faculty

## HAWAI 100 - Language Study: Hawaiian

### Course Information

**Teaching Area (new)**
HAWAI

**Course Number**
100

**Teaching Area**
HAWAI

**Course Title**
Language Study: Hawaiian

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Hawaiian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 195987, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 195989, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 195991, 3 |

mentors.

| Title | Tags |
| --- | --- |
| Critical Thinking and Research | 199836, 0 |

**Learning Outcome**
1. Students will demonstrate their ability to read, write, and think analytically, and to carry out original research through their capstone projects.

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## HAWAI 101 - First-Year Language Study: Hawaiian

### Course Information

**Teaching Area (new)**
HAWAI
**Course Number**
101
**Teaching Area**
HAWAI
**Course Title**
First-Year Language Study: Hawaiian
**Course Description**
Beginning speaking, listening, reading, and writing skills in Hawaiian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 196004, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

## HAWAI 102 - First-Year Language Study: Hawaiian

### Course Information

**Teaching Area (new)**
HAWAI
**Course Number**
102
**Teaching Area**
HAWAI
**Course Title**
First-Year Language Study: Hawaiian
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Hawaiian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HAWAI 101 - First-Year Language Study: Hawaiian

| Title | Tags |
| --- | --- |
| Speaking | 196005, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196006, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196008, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

- HAWAI 101 - First-Year Language Study: Hawaiian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## HAWAI 201 - Second-Year Language Study: Hawaiian

### Course Information

**Teaching Area (new)**
HAWAI
**Course Number**
201
**Teaching Area**
HAWAI
**Course Title**
Second-Year Language Study: Hawaiian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Hawaiian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

## HAWAI 202 - Second-Year Language Study: Hawaiian

### Course Information

**Teaching Area (new)**
HAWAI
**Course Number**
202
**Teaching Area**
HAWAI
**Course Title**
Second-Year Language Study: Hawaiian
**Course Description**
Continued emphasis on Hawaiian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

Lecture Hours

Fixed
5

Lab Hours

Fixed
1

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- HAWAI 102 - First-Year Language Study: Hawaiian

Prerequisites

Complete ALL of the following Courses:
- FLANG 201R - Second-Year Language Study

Additional Comments:

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196014, 1 |

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196015, 2 |

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196016, 3 |

Learning Outcome
Review and increase understanding of basic language structures.

Lecture Hours

Fixed
5

Lab Hours

Fixed
1

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- HAWAI 201 - Second-Year Language Study: Hawaiian

Additional Comments:

Note
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196018, 1 |

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196019, 2 |

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196020, 3 |

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related

| Title | Tags |
| --- | --- |
| Culture | 196017, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196021, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## HAWAI 305 - Language Skills Development: Hawaiian

### Course Information

**Teaching Area (new)** | **Course Number**
HAWAI | 305

**Teaching Area**
HAWAI

**Course Title**
Language Skills Development: Hawaiian

**Course Description**
Increasing proficiency in one or more of the following Hawaiian language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 196022, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 196023, 2 |

**Learning Outcome**

## HAWAI 321 - Advanced Grammar: Hawaiian

### Course Information

**Teaching Area (new)** | **Course Number**
HAWAI | 321

**Teaching Area**
HAWAI

**Course Title**
Advanced Grammar: Hawaiian

**Course Description**
Systematic review of grammar and syntax of target language Hawaiian.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196025, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Complete ALL of the following Courses:**

- HAWAI 202 - Second-Year Language Study: Hawaiian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 196027, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 196028, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196029, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## HAWAI 330 - Advanced Language Proficiency Through Cultural Studies: Hawaiian

### Course Information

Teaching Area (new)
HAWAI
Course Number
330
Teaching Area
HAWAI
Course Title
Advanced Language Proficiency Through Cultural Studies: Hawaiian
Course Description
Study of Hawaiian culture using interpersonal, presentational, and interpretive skills in the target language.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3

## HAWAI 340 - Introduction to Literature: Hawaiian

### Course Information

Teaching Area (new)
HAWAI
Course Number
340
Teaching Area
HAWAI
Course Title
Introduction to Literature: Hawaiian
Course Description
Advanced study of Hawaiian literature. Continued emphasis on communication skills and culture.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3

Fixed

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Other Prerequisites
Hawai 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196030, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196032, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196033, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HAWAI 330 - Advanced Language Proficiency Through Cultural Studies: Hawaiian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196036, 1 |

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196037, 2 |

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196038, 3 |

Learning Outcome
Place literature in a meaningful cultural and historical context

| Title | Tags |
|---|---|
| Language Skills | 196039, 4 |

Learning Outcome
Improve target-language reading, writing, and speaking skills.

| Title | Tags |
| --- | --- |
| General Education Requirements | 196034, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## HAWAI 350 - Advanced Language Study for Career Purposes: Hawaiian

### Course Information

**Teaching Area (new)**
HAWAI

**Course Number**
350

**Teaching Area**
HAWAI

**Course Title**
Advanced Language Study for Career Purposes: Hawaiian

**Course Description**
Concentration on Hawaiian language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HAWAI 330 - Advanced Language Proficiency Through Cultural Studies: Hawaiian

**Additional Comments:**

## HCOLL 310 - Humanities in Professional Life

### Course Information

**Teaching Area (new)**
HCOLL

**Course Number**
310

**Teaching Area**
HCOLL

**Course Title**
Humanities in Professional Life

**Course Description**
This course helps students frame their humanities experience as professional preparation. Students will learn how to translate the unique value of their degree as they pursue a variety of professional paths. In short, this class will explore what a Humanities graduate can do and why humanistic study meets so many needs in the modern workplace. By focusing on core professional competencies, students will find ways to make their major coursework relevant to life after graduation.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Understanding | 199870, 1 |

**Learning Outcome**
Students will be understand the nature of the Humanities programs, what expectations are for them throughout their program, and what employment

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 196040, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196041, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196042, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196043, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196044, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

opportunities are available to Humanities graduates.

## HCOLL 396R - Professional Internship

## HCOLL 399R - Professional Internship

# Preparation

## Course Information

**Teaching Area (new)**
HCOLL

**Course Number**
396R

**Teaching Area**
HCOLL

**Course Title**
Professional Internship Preparation

**Course Description**
Preparation to make an internship a professionally relevant experience. Professional competencies employers value most and how to develop them throughout the internship. Focus on professional competencies and the internship to identify ways to take initiative, add value, and successfully position for next steps in a career.

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Experience | 199809, 1 |

**Learning Outcome**
Practice leadership while serving on the Humanities student council.

| Title | Tags |
|---|---|
| Skills | 199840, 0 |

**Learning Outcome**
Learn skills that will enable service on the Humanities student council

| Title | Tags |
|---|---|
| Skills | 199898, 1 |

**Learning Outcome**

## Course Information

**Teaching Area (new)**
HCOLL

**Course Number**
399R

**Teaching Area**
HCOLL

**Course Title**
Professional Internship

**Course Description**
This course helps students initiate a series of professional experiences, while on their internship, that allow them to develop and demonstrate understanding of key competencies in professional contexts. Students will learn how to harness intention, feedback, reflection, and integration of new learning to translate the value of the professional competencies into a powerful, evidence-based story of what they offer future employers.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Recommended**
HCOLL 396R; HCOLL 396R.

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Professional Competencies | 209548, 0, 1 |

**Learning Outcome**
Students will be able to identify, through evidence-based narrative, key professional competencies in context.

| Title | Tags |
|---|---|
| Reflection | 209549, 0, 2 |

**Learning Outcome**
Students will be able to translate the value of professional development experience through guided reflection activites in order to tell their story.

| Title | Tags |
|---|---|
| Mastery | 199901, 1 |

**Learning Outcome**
Create and document a series of meaningful internship experiences yielding evidence of professional skills mastery and deeper self-awareness.

Learn skills that will enable service on the Humanities student council

| Title | Tags |
| --- | --- |
| Experience | 199899, 2 |

Learning Outcome
Practice leadership while serving on the Humanities student council.

## HCOLL 480R - Readings in Humanities and Leadership

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HCOLL | 480R |

Teaching Area
HCOLL
Course Title
Readings in Humanities and Leadership
When Taught
Contact Department

### Credit Hours

Min
1
Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Interdisciplinary study | 199813, 0 |

Learning Outcome
Make connections among Humanities disciplines in order to address a question or problem that reaches across those fields.

| Title | Tags |
| --- | --- |
| Independent research | 199832, 1 |

Learning Outcome
Research and report upon findings regarding an interdisciplinary problem or question in the Humanities.

## HCOLL 480R - Humanities Research Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HCOLL | 480R |

Teaching Area
HCOLL
Course Title
Humanities Research Seminar
Course Description
Research, writing, and discussion exploring enduring questions from perspectives offered by humanities disciplines.
When Taught
Contact Department

### Credit Hours

Min
1
Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Independent research | 199831, 1 |

Learning Outcome
Research and report upon findings regarding an interdisciplinary problem or question in the Humanities.

| Title | Tags |
| --- | --- |
| Interdisciplinary study | 199838, 0 |

Learning Outcome
Make connections among Humanities disciplines in order

to address a question or problem that reaches across those fields.

| Title | Tags |
| --- | --- |
| Research | 199868, 1 |

**Learning Outcome**
Students will select a research topic, collect and analyze data, and produce a document summarizing the topic, methods of data collection and analysis, and results of the research.

## HCOLL 490R - Humanities Lecture Series

### Course Information

**Teaching Area (new)**
HCOLL

**Course Number**
490R

**Teaching Area**
HCOLL

**Course Title**
Humanities Lecture Series

**Course Description**
Lecture and discussion by scholars in the humanities, with supplementary reading and writing.

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
199852, 1

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area

## HCOLL 494R - Humanities On-campus Experiential Projects

### Course Information

**Teaching Area (new)**
HCOLL

**Course Number**
494R

**Teaching Area**
HCOLL

**Course Title**
Humanities On-campus Experiential Projects

**Course Description**
Practical, on-campus (not in the field) projects in which education is directly applied to real-world solutions for companies and other organizations. Students apply and are accepted to work on specific projects based on their skills, interests, and major emphasis.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
0.5

**Title**
Application

**Tags**
199853, 1

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in a chosen specialty area and complete a special project based on that area of study.

## HEB 100R - Introduction to Hebrew

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
100R

**Teaching Area**
HEB

**Course Title**
Introduction to Hebrew

**Course Description**
Beginning Hebrew.

**Department**
Asian & Near Eastern Lang

**When Taught**
All Semesters/Terms

## HEB 101 - First-Year Modern Hebrew 1

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
101

**Teaching Area**
HEB

**Course Title**
First-Year Modern Hebrew 1

**Course Description**
Modern Hebrew as spoken in Israel today.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

Min
0.5

Fixed
1

### Lab Hours

Fixed
0

Title
Hebrew 100R Learning Outcomes:

Tags
189508, 1

Learning Outcome
Upon completion of this course, participants will have acquired the skills necessary to:
- Speak Modern Hebrew at beginning levels
- Read and engage beginning level texts in Hebrew, and express thoughts and ideas in written Hebrew
- Understand the modern Israeli cultural tradition (including music, art, and literature)

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
2

Title
Speaking

Tags
189785, 2

Learning Outcome
Speak Hebrew at beginning levels, utililizing present tense verbs.

Title
Reading

Tags
189786, 3

Learning Outcome
Read and engage beginning level texts in Hebrew.

Title
Culture

Tags
189789, 4

Learning Outcome
Appreciate and value Israeli cultural tradition.

## HEB 102 - First-Year Modern Hebrew 2

### Course Information

Teaching Area (new)
HEB

Course Number
102

Teaching Area
HEB

Course Title
First-Year Modern Hebrew 2

Course Description
Modern Hebrew as spoken in Israel today.

Department
Asian & Near Eastern Lang

When Taught

## HEB 131 - First-Year Biblical Hebrew

### Course Information

Teaching Area (new)
HEB

Course Number
131

Teaching Area
HEB

Course Title
First-Year Biblical Hebrew

Course Description
Old Testament Hebrew. Provides foundation in grammar and vocabulary; reading Hebrew prose texts in Bible.

Department
Asian & Near Eastern Lang

When Taught
Winter

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
2

| Title | Tags |
| --- | --- |
| Speaking | 189783, 2 |

Learning Outcome
Speak Hebrew at beginning levels, utilizing present and past tense verbs.

| Title | Tags |
| --- | --- |
| Reading | 189784, 3 |

Learning Outcome
Read and engage beginning level texts in Hebrew.

| Title | Tags |
| --- | --- |
| Culture | 189790, 4 |

Learning Outcome
Appreciate and value Israeli cultural tradition.

Asian & Near Eastern Lang
When Taught
Fall

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Hebrew 131 Learning Outcomes | 189657, 1 |

Learning Outcome
Upon completion of this course, participants will have acquired the skills necessary to: 1. Recite the Hebrew alphabet and recognize the vowels; 2. Analyze and discuss most of the fundamental elements of Hebrew grammar; 3. Read and translate elemental biblical historical narrative texts with limited use of a lexicon; 4. Analyze and parse the verbal system: Pa'al (Qal); 5. Define approximately 315 vocabulary words from the Hebrew Bible.

## HEB 132 - First-Year Biblical Hebrew

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HEB | 132 |

Teaching Area
HEB
Course Title
First-Year Biblical Hebrew
Course Description
Old Testament Hebrew. Provides foundation in grammar and vocabulary; reading Hebrew prose texts in Bible.

## HEB 201 - Second-Year Modern Hebrew 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HEB | 201 |

Teaching Area
HEB
Course Title
Second-Year Modern Hebrew 1
Department
Asian & Near Eastern Lang
When Taught

**Department**
Asian & Near Eastern Lang
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HEB 131 - First-Year Biblical Hebrew

**Additional Comments:**

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Hebrew 132 Learning Outcomes | 189658, 1 |

**Learning Outcome**
Upon completion of this course, participants will have acquired the skills necessary to: 1. Analyze and discuss the fundamental elements of Hebrew grammar. 2. Read and translate elemental biblical historical narrative texts with limited use of a lexicon. 3. Analyze and parse the verbal system: pa'al, niphal, piel, pual, hiphil, hophal, hithpael. 4. Define approximately 400 vocabulary words from the Hebrew Bible.

Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Heb 102 or equivalent.

| Title | Tags |
|---|---|
| Reading | 189493, 3 |

**Learning Outcome**
Read and comprehend intermediate level texts in modern Hebrew, including newspapers and Israeli literature

| Title | Tags |
|---|---|
| Speaking | 189787, 1 |

**Learning Outcome**
Speak Hebrew at intermediate levels, demonstrating an ability to communicate with others

| Title | Tags |
|---|---|
| Writing | 189788, 4 |

**Learning Outcome**
Write in Hebrew at the intermediate level

| Title | Tags |
|---|---|
| Culture | 189792, 5 |

**Learning Outcome**
Appreciate and value Israeli cultural tradition.

# HEB 202 - Second-Year Modern Hebrew 2

## Course Information

**Teaching Area (new)**
HEB

**Course Number**
202

**Teaching Area**
HEB

**Course Title**
Second-Year Modern Hebrew 2

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Heb 201 or equivalent.

| Title | Tags |
|---|---|
| Speaking | 189494, 1 |

**Learning Outcome**
Speak Modern Hebrew at intermediate levels, demonstrating an ability to communicate with others.

| Title | Tags |
|---|---|
| Reading | 189495, 2 |

**Learning Outcome**
Read and comprehend intermediate level texts in Modern Hebrew, including newspapers and Modern Israeli literature.

| Title | Tags |
|---|---|
| Writing | 189496, 4 |

**Learning Outcome**
Express thoughts and ideas in writing Modern Hebrew at the

# HEB 211R - Hebrew Conversation

## Course Information

**Teaching Area (new)**
HEB

**Course Number**
211R

**Teaching Area**
HEB

**Course Title**
Hebrew Conversation

**Course Description**
Daily practice speaking and understanding Modern Hebrew, beginning at the ACTFL *intermediate-low* level.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HEB 102 - First-Year Modern Hebrew 2

**Additional Comments:**

| Title | Tags |
|---|---|
| 1. Expected learning outcomes: | 189717, 1 |

**Learning Outcome**
a. Students will learn to speak Modern Hebrew with more accurate pronunciation, accent and intonation.
b. Students will be able to understand spoken Modern Hebrew with greater accuracy.
c. Students will acquire facility in using Modern Hebrew to discuss daily life situations in their apartments

writing Modern Hebrew at the intermediate level.

apartments.

| Title | Tags |
| --- | --- |
| Culture | 189794, 5 |

**Learning Outcome**
Appreciate and value the modern Israeli cultural tradition.

## HEB 231 - Second-Year Biblical Hebrew - Grammar and Narrative

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HEB | 231 |

**Teaching Area**
HEB
**Course Title**
Second-Year Biblical Hebrew - Grammar and Narrative
**Course Description**
Review of Hebrew verb forms and parsing, as well as practice in reading Hebrew narrative prose passages.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HEB 132 - First-Year Biblical Hebrew

**Additional Comments:**

## HEB 232 - Second-Year Biblical Hebrew - Narrative 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HEB | 232 |

**Teaching Area**
HEB
**Course Title**
Second-Year Biblical Hebrew - Narrative 2
**Course Description**
Continuation of practice in reading Biblical Hebrew narrative prose passages as well as parsing Hebrew verb forms.
**Department**
Asian & Near Eastern Lang
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HEB 231 - Second-Year Biblical Hebrew - Grammar and Narrative

Additional Comments:

| Title | Tags |
| --- | --- |
| Vocabulary | 189699, 0, 5 |

Learning Outcome
Define approximately 400 vocabulary words

| Title | Tags |
| --- | --- |
| Verbal system | 189698, 0, 4 |

Learning Outcome
Analyze and parse the verbal system: pa'al, niphal, piel, pual, hiphil, hophal, hithpael.

| Title | Tags |
| --- | --- |
| Translation | 189697, 0, 3 |

Learning Outcome
Read and translate elemental biblical historical narrative texts with limited use of a lexicon.

| Title | Tags |
| --- | --- |
| Fundamental Hebrew grammar | 189696, 0, 2 |

Learning Outcome
Analyze and discuss the fundamental elements of Hebrew grammar

Additional Comments:

| Title | Tags |
| --- | --- |
| Hebrew grammar | 189700, 1 |

Learning Outcome
Analyze and discuss the fundamental elements of Hebrew grammar.

| Title | Tags |
| --- | --- |
| Translation | 189701, 2 |

Learning Outcome
Read and translate elemental biblical historical narrative texts with limited use of a lexicon.

| Title | Tags |
| --- | --- |
| Verbal system | 189702, 3 |

Learning Outcome
3. Analyze and parse the verbal system: pa'al, niphal, piel, pual, hiphil, hophal, hithpael.

| Title | Tags |
| --- | --- |
| Vocabulary | 189703, 4 |

Learning Outcome
4. Define approximately 400 vocabulary words.

## HEB 301 - Third-Year Modern Hebrew 1

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
301

**Teaching Area**
HEB

**Course Title**
Third-Year Modern Hebrew 1

**Course Description**
Intermediate-advanced modern Hebrew as spoken in Israel today.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Heb 202 or equivalent.

| Title | Tags |
| --- | --- |
| Hebrew 301 Learning Outcomes | 189497, 1 |

**Learning Outcome**
Upon completion of this course, participants will have acquired the skills necessary to:
-Speak Modern Hebrew at intermediate-advanced levels, utilizing all tenses and verb systems
- Read and comprehend intermediate-advanced level texts in modern Hebrew, and write in Modern Hebrew at the intermediate-advanced level
- Understand the modern Israeli cultural tradition (including music, art, and literature)

## HEB 302 - Third-Year Modern Hebrew 2

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
302

**Teaching Area**
HEB

**Course Title**
Third-Year Modern Hebrew 2

**Course Description**
Advanced modern Hebrew as spoken in Israel today.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Heb 301 or equivalent.

| Title | Tags |
| --- | --- |
| Hebrew 302 Learning Outcomes | 189498, 1 |

**Learning Outcome**
Upon completion of this course, participants will have acquired the skills necessary to:
- Speak Modern Hebrew at advanced levels, utilizing all tenses and verb systems
- Read and comprehend advanced level texts in Modern Hebrew, and express thoughts and ideas in written Modern Hebrew at the advanced level
- Understand the modern Israeli cultural tradition (including music, art, and literature)

## HEB 311R - Intermediate Conversation

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
311R

**Teaching Area**
HEB

**Course Title**
Intermediate Conversation

**Course Description**
Hebrew 311R builds upon skills acquired in first-year and second-year Modern Hebrew classes and emphasizes vocabulary building and conversational fluency in a variety of authentic cultural and social contexts.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Max**
2

### Lecture Hours

**Min**
1

**Max**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
189791, 2

**Learning Outcome**
Speak Hebrew at intermediate levels, demonstrating the ability to communicate with others in culturally appropriate ways.

**Title**
Culture

**Tags**
189793, 3

**Learning Outcome**
Appreciate and value Israeli cultural tradition.

## HEB 312 - Hebrew Media

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
312

**Teaching Area**
HEB

**Course Title**
Hebrew Media

**Course Description**
Emphasizes reading, aural comprehension, and speaking Hebrew. Includes newspaper reading, listening to local news on radio and television, and in-class discussion of current events.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HEB 101 - First-Year Modern Hebrew 1
  **AND** HEB 102 - First-Year Modern Hebrew 2

**Additional Comments:**

**Note**
Heb 312 (Hebrew Media), Heb 313, Heb 411R (Advanced Conversation), and Heb 421 are offered in the intensive modern Hebrew program. Arab 312 (Arabic Media) and 411R (Advanced Conversation) are offered in the intensive modern Arabic program. The intensive Hebrew and Arabic programs are offered alternate years during the winter programs only.

## HEB 313 - Readings in the Old Testament

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
313

**Teaching Area**
HEB

**Course Title**
Readings in the Old Testament

**Course Description**
Readings in the Old Testament in Hebrew.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Note**
Heb 312 (Hebrew Media), Heb 313, Heb 411R (Advanced Conversation), and Heb 421 are offered in the intensive modern Hebrew program. Arab 312 (Arabic Media) and 411R (Advanced Conversation) are offered in the intensive modern Arabic program. The intensive Hebrew and Arabic programs are offered alternate years during the winter program only.

| Title | Tags |
|---|---|
| Knowledge | 189672, 1 |

**Learning Outcome**
Students will demonstrate an advanced level of knowledge in the reading of the Old Testimant.

## HEB 314R - Intermediate Hebrew Language in Jerusalem

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
314R

**Teaching Area**
HEB

**Course Title**
Intermediate Hebrew Language in Jerusalem

**Course Description**
Emphasizes intermediate conversation in everyday situations. Students role play various situations in class and then apply learning in Jerusalem.

**Department**
Asian & Near Eastern Lang

**When Taught**
Spring and Summer Terms

**Credit Hours**

**Min**
1

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HEB 202 - Second-Year Modern Hebrew 2

**Additional Comments:**

**Note**
Offered at the Jerusalem Center for Near Eastern Studies only. Replaces Jerusalem Center core course equivalent of Hebrew 100R.

| Title | Tags |
|---|---|
| Knowledge | 189673, 1 |

**Learning Outcome**
Students will deepen their understanding of Hebrew Language.

## HEB 321 - Intermediate Conversation and Media

## HEB 331 - Third-Year Biblical Hebrew - Prophecy and Poetry 1

## Course Information

**Teaching Area (new)**
HEB

**Course Number**
321

**Teaching Area**
HEB

**Course Title**
Intermediate Conversation and Media

**Course Description**
Capitalizing on daily life in Jerusalem to increase speaking, reading, writing, and listening comprehension in modern Hebrew.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HEB 101 - First-Year Modern Hebrew 1
  **AND** HEB 102 - First-Year Modern Hebrew 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Application | 189674, 1 |

**Learning Outcome**
Students will deepen their understanding of Hebrew Language in conversation.

## Course Information

**Teaching Area (new)**
HEB

**Course Number**
331

**Teaching Area**
HEB

**Course Title**
Third-Year Biblical Hebrew - Prophecy and Poetry 1

**Course Description**
Grammar review and vocabulary building through reading historical and prophetic books.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HEB 232 - Second-Year Biblical Hebrew - Narrative 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Hebrew 331 Learning Outcomes | 189659, 1 |

**Learning Outcome**
Upon completion of this course, participants will have acquired the skills necessary to: 1. Define the top 500 vocabulary words from the Hebrew Bible. 2. Analyze and discuss the fundamental elements of Hebrew grammar. 3. Analyze and categorize the verbal system: pa'al, piel, hiphil, hophal, niphal, pual, and hithpael.

## HEB 332 - Third-Year Biblical Hebrew - Prophecy and Poetry 2

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
332

**Teaching Area**
HEB

**Course Title**
Third-Year Biblical Hebrew - Prophecy and Poetry 2

**Course Description**
Readings in Biblical Hebrew poetry, including prophetic and wisdom literature.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HEB 331 - Third-Year Biblical Hebrew - Prophecy and Poetry 1

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Vocabulary | 189704, 1 |

**Learning Outcome**
Define the top 600 vocabulary words from the Hebrew Bible.

## HEB 341R - Studies in Hebrew Culture

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
341R

**Teaching Area**
HEB

**Course Title**
Studies in Hebrew Culture

**Course Description**
Examining and focusing on various topics in Israeli and Hebrew culture, such as history geography, film, literature, language, linguistics, political issues, social structure, philosophy, religion, aesthetics, art, and music.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
3

| Title | Tags |
| --- | --- |
| Culture | 189795, 2 |

**Learning Outcome**
Appreciate and value Israeli cultural tradition.

| Title | Tags |
| --- | --- |
| Hebrew grammar | 189705, 2 |

**Learning Outcome**
Analyze and discuss the fundamental elements of Hebrew grammar.

| Title | Tags |
| --- | --- |
| Verbal system | 189706, 3 |

**Learning Outcome**
Analyze and categorize the verbal system: pa'al, piel, hiphil, hophal, niphal, pual, and hithpael.

| Title | Tags |
| --- | --- |
| Poetry and figures of speech | 189707, 4 |

**Learning Outcome**
Understand elemental forms of Hebrew parallelistic poetry and figures of speech.

## HEB 346R - Israeli and Jewish Civilization

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
346R

**Teaching Area**
HEB

**Course Title**
Israeli and Jewish Civilization

**Course Description**
Social science/humanities core course. Broad introduction to Jewish self-understanding and history, focusing on relationships among people, faith, and land.

**Department**
Asian & Near Eastern Lang

**When Taught**
Spring and Summer Terms

#### Credit Hours

**Min**
1

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HEB 202 - Second-Year Modern Hebrew 2

**Additional Comments:**

**Note**
Offered at the Jerusalem Center for Near Eastern Studies only. Replaces Jerusalem Center core course requirement of NES 349R (2 cr. hrs.). Does not receive GE credit.

| Title | Tags |
|---|---|
| Knowledge | 189675, 1 |

**Learning Outcome**
Students will deepen their understanding of Isreali and Jewish Civilization.

## HEB 411R - Advanced Conversation

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
411R

**Teaching Area**
HEB

**Course Title**
Advanced Conversation

**Course Description**
Emphasizes conversation in everyday situations. Students role play various situations in class and then apply their learning in Jerusalem.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
4

**Other Prerequisites**
Heb 311R or equivalent.

**Note**
Heb 312 (Hebrew Media), Heb 313, Heb 411R (Advanced Conversation), and Heb 421 are offered in the intensive modern Hebrew program. Arab 312 (Arabic Media) and 411 (Advanced Conversation) are offered in the intensive modern Arabic program. The intensive Hebrew and Arabic programs are offered alternate years during the winter program only.

| Title | Tags |
|---|---|
| Speaking | 189796, 2 |

**Learning Outcome**
Speak Modern Hebrew at advanced levels, demonstrating an ability to communicate with others.

## HEB 421 - Readings in the Hebrew Translation of the New Testament

## HEB 432R - Ancient Hebrew Texts

### Course Information

## Course Information

**Teaching Area (new)**
HEB

**Course Number**
421

**Teaching Area**
HEB

**Course Title**
Readings in the Hebrew Translation of the New Testament

**Course Description**
Readings in the New Testament in Hebrew translation.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Heb 312 (Hebrew Media), Heb 313, Heb 411R (Advanced Conversation), and Hebrew 421 are offered in the intensive modern Hebrew program. Arab 312 (Arabic Media) and 411R (Advanced Conversation) are offered in the intensive modern Arabic program. The intensive Hebrew and Arabic programs are offered alternate years during the winter program only.

**Title**
KNowledge

**Tags**
189676, 1

**Learning Outcome**
Students will deepen their understanding of Hebrew New Testament.

## Course Information

**Teaching Area (new)**
HEB

**Course Number**
432R

**Teaching Area**
HEB

**Course Title**
Ancient Hebrew Texts

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HEB 331 - Third-Year Biblical Hebrew - Prophecy and Poetry 1

**Additional Comments:**

**Title**
Hebrew 432R Learning Outcomes

**Tags**
189660, 1

**Learning Outcome**
Upon completion of this course, participants will have acquired the skills necessary to: 1. Define the top 1000 vocabulary words from the Hebrew Bible. 2. Analyze and discuss the fundamental elements of Hebrew grammar. 3. Analyze and categorize the verbal system: pa'al, piel, hiphil, hophal, niphal, pual, and hithpael.

## HEB 441 - Postbiblical Hebrew: Mishnah

## HEB 490R - Individual Study in Hebrew

## HEB 441 - Postbiblical Hebrew: Mishnah

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
441

**Teaching Area**
HEB

**Course Title**
Postbiblical Hebrew: Mishnah

**Course Description**
Introduction to the grammar of Mishnaic Hebrew. Readings from various tractates of the Mishnah.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HEB 331 - Third-Year Biblical Hebrew - Prophecy and Poetry 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Hebrew 441 Learning Outcomes | 189365, 1 |

**Learning Outcome**
1. Explain the fundamental differences between Biblical Hebrew and Misnaic Hebrew grammar.
2. Read and translate (with the limited use of a Mishnaic Hebrew Dictionary) passages from the Mishnah.

## HEB 490R - Individual Study in Hebrew

### Course Information

**Teaching Area (new)**
HEB

**Course Number**
490R

**Teaching Area**
HEB

**Course Title**
Individual Study in Hebrew

**Course Description**
Focused acquisition of knowledge. Students will concentrate on a specific topic of study and increase their knowledge of and ability to use Hebrew language appropriate to that field.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

| Title | Tags |
|---|---|
| Knowledge | 189677, 1 |

**Learning Outcome**
Students will deepen their understanding of Hebrew special topics.

## HILIG 100 - Language Study: Ilonggo/Hiligaynon

### Course Information

**Teaching Area (new)**
HILIG

**Course Number**
100

**Teaching Area**
HILIG

**Course Title**
Language Study: Ilonggo/Hiligaynon

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Ilonggo/Hiligaynon.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
196045, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title**
Social Situations

**Tags**
196046, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

**Title**
Follow Instructions

**Tags**
196047, 3

**Learning Outcome**

## HILIG 101 - First-Year Language Study: Ilonggo/Hiligaynon

### Course Information

**Teaching Area (new)**
HILIG

**Course Number**
101

**Teaching Area**
HILIG

**Course Title**
First-Year Language Study: Ilonggo/Hiligaynon

**Course Description**
Beginning speaking, listening, reading, and writing skills in Ilonggo/Hiligaynon.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
196049, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196051, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**

**Tags**

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

| Title | Tags |
| --- | --- |
| Writing | 196053, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196054, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## HILIG 102 - First-Year Language Study: Ilonggo/Hiligaynon

### Course Information

Teaching Area (new): HILIG
Course Number: 102
Teaching Area: HILIG
Course Title: First-Year Language Study: Ilonggo/Hiligaynon
Course Description: Second-semester speaking, listening, reading, and writing skills in Ilonggo/Hiligaynon.
Department: Language Studies
When Taught: Contact Department

### Credit Hours

Min: 4
Fixed: 4

### Lecture Hours

Fixed: 5

### Lab Hours

Fixed: 1

Simple Requisites

Prerequisites
Type

## HILIG 201 - Second-Year Language Study: Ilonggo/Hiligaynon

### Course Information

Teaching Area (new): HILIG
Course Number: 201
Teaching Area: HILIG
Course Title: Second-Year Language Study: Ilonggo/Hiligaynon
Course Description: Intermediate speaking, listening, reading, and writing skills in Ilonggo/Hiligaynon.
Department: Language Studies
When Taught: Contact Department

### Credit Hours

Min: 4
Fixed: 4

### Lecture Hours

Fixed: 5

### Lab Hours

Fixed: 1

Simple Requisites

Prerequisites
Type

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HILIG 101 - First-Year Language Study: Ilonggo/Hiligaynon

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 196010, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196011, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 196012, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 196013, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HILIG 102 - First-Year Language Study: Ilonggo/Hiligaynon

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196058, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196059, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196062, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196064, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## HILIG 202 - Second-Year Language Study: Ilonggo/Hiligaynon

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HILIG | 202 |

**Teaching Area**
HILIG
**Course Title**

## HILIG 305 - Language Skills Development: Ilonggo/Hiligaynon

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HILIG | 305 |

**Teaching Area**
HILIG
**Course Title**

Second-Year Language Study: Ilonggo/Hiligaynon

**Course Description**

Continued emphasis on Ilonggo/Hiligaynon communication skills, vocabulary building, and cultural awareness.

**Department**

Language Studies

**When Taught**

Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HILIG 201 - Second-Year Language Study: Ilonggo/Hiligaynon

**Additional Comments:**

**Note**

Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196066, 1 |

**Learning Outcome**

In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196067, 2 |

**Learning Outcome**

Understand every-day written

Language Skills Development: Ilonggo/Hiligaynon

**Course Description**

Increasing proficiency in one or more of the following Ilonggo/Hiligaynon language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**

Language Studies

**When Taught**

Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**

Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196072, 1 |

**Learning Outcome**

Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196074, 2 |

**Learning Outcome**

Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196076, 3 |

**Learning Outcome**

Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196068, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196070, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## HILIG 321 - Advanced Grammar: Ilonggo/Hiligaynon

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HILIG | 321 |

**Teaching Area**
HILIG
**Course Title**
Advanced Grammar: Ilonggo/Hiligaynon
**Course Description**
Systematic review of grammar and syntax of target language Ilonggo/Hiligaynon.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

## HILIG 330 - Advanced Language Proficiency Through Cultural Studies: Ilonggo/Hiligaynon

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HILIG | 330 |

**Teaching Area**
HILIG
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Ilonggo/Hiligaynon
**Course Description**
Study of Ilonggo/Hiligaynon culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HILIG 202 - Second-Year Language Study: Ilonggo/Hiligaynon

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196077, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196078, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196079, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Hilig 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196080, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196081, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196082, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death,

etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196083, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## HILIG 340 - Introduction to Literature: Ilonggo/Hiligaynon

### Course Information

**Teaching Area (new)**
HILIG
**Course Number**
340
**Teaching Area**
HILIG
**Course Title**
Introduction to Literature: Ilonggo/Hiligaynon
**Course Description**
Advanced study of Ilonggo/Hiligaynon literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HILIG 330 - Advanced Language Proficiency Through Cultural Studies: Ilonggo/Hiligaynon

## HILIG 350 - Advanced Language Study for Career Purposes: Ilonggo/Hiligaynon

### Course Information

**Teaching Area (new)**
HILIG
**Course Number**
350
**Teaching Area**
HILIG
**Course Title**
Advanced Language Study for Career Purposes: Ilonggo/Hiligaynon
**Course Description**
Concentration on Ilonggo/Hiligaynon language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HILIG 330 - Advanced Language Proficiency Through Cultural Studies: Ilonggo/Hiligaynon

Studies: Honggo/Hingayhon

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196084, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196085, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196086, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196087, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

Studies: Honggo/Hingayhon

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196088, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 196089, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 196090, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 196091, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196092, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## HINDI 100 - Language Study: Hindi

### Course Information

**Teaching Area (new)**
HINDI

**Course Number**
100

**Teaching Area**
HINDI

**Course Title**
Language Study: Hindi

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Hindi.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
196093, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title**
Social Situations

**Tags**
196094, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

**Title**
Follow Instructions

**Tags**
196095, 3

**Learning Outcome**
Understand spoken and written

## HINDI 101 - First-Year Language Study: Hindi

### Course Information

**Teaching Area (new)**
HINDI

**Course Number**
101

**Teaching Area**
HINDI

**Course Title**
First-Year Language Study: Hindi

**Course Description**
Beginning speaking, listening, reading, and writing skills in Hindi.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
196096, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196097, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**
Writing

**Tags**
196098, 3

Understand spoken and written target language well enough to follow simple instructions.

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196099, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## HINDI 102 - First-Year Language Study: Hindi

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HINDI | 102 |

**Teaching Area**
HINDI
**Course Title**
First-Year Language Study: Hindi
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Hindi.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## HINDI 201 - Second-Year Language Study: Hindi

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HINDI | 201 |

**Teaching Area**
HINDI
**Course Title**
Second-Year Language Study: Hindi
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Hindi.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HINDI 101 - First-Year Language Study: Hindi

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 196100, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196101, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 196102, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 196103, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## HINDI 202 - Second-Year Language Study: Hindi

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- HINDI 102 - First-Year Language Study: Hindi

Prerequisites

**Complete ALL of the following Courses:**

- FLANG 102R - First-Year Language Study

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196104, 1 |

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196105, 2 |

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196106, 3 |

Learning Outcome
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196107, 4 |

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

## HINDI 305 - Language Skills Development: Hindi

## Course Information

**Teaching Area (new)**
HINDI

**Course Number**
202

**Teaching Area**
HINDI

**Course Title**
Second-Year Language Study: Hindi

**Course Description**
Continued emphasis on Hindi communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HINDI 201 - Second-Year Language Study: Hindi

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196108, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

## Course Information

**Teaching Area (new)**
HINDI

**Course Number**
305

**Teaching Area**
HINDI

**Course Title**
Language Skills Development: Hindi

**Course Description**
Increasing proficiency in one or more of the following Hindi language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196112, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196113, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196114, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

| Title | Tags |
| --- | --- |
| Comprehension | 196109, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196110, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196111, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## HINDI 321 - Advanced Grammar: Hindi

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HINDI | 321 |

**Teaching Area**
HINDI
**Course Title**
Advanced Grammar: Hindi
**Course Description**
Systematic review of grammar and syntax of Hindi.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

Min

## HINDI 330 - Advanced Language Proficiency Through Cultural Studies: Hindi

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HINDI | 330 |

**Teaching Area**
HINDI
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Hindi
**Course Description**
Study of Hindi culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

**Credit Hours**

3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HINDI 202 - Second-Year Language Study: Hindi

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196115, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196116, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196117, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Hindi 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196118, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196119, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196120, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to

major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196121, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## HINDI 340 - Introduction to Literature: Hindi

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HINDI | 340 |

**Teaching Area**
HINDI
**Course Title**
Introduction to Literature: Hindi
**Course Description**
Advanced study of Hindi literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

## HINDI 350 - Advanced Language Study for Career Purposes: Hindi

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HINDI | 350 |

**Teaching Area**
HINDI
**Course Title**
Advanced Language Study for Career Purposes: Hindi
**Course Description**
Concentration on Hindi language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

- HINDI 330 - Advanced Language Proficiency Through Cultural Studies: Hindi

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196122, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196123, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196124, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196125, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

- HINDI 330 - Advanced Language Proficiency Through Cultural Studies: Hindi

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196126, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 196127, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 196128, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 196129, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196130, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## HIST 190 - Thetean Production

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
190

**Teaching Area**
HIST

**Course Title**
Thetean Production

**Course Description**
Editing, production, and publication of student academic journal "The Thetean."

**Department**
History

**When Taught**
Fall

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HIST 200 - The Historian's Craft.

**Additional Comments:**

| Title | Tags |
|---|---|
| Editing Experience | 183572, 1 |

**Learning Outcome**
Students will gain experience in reviewing and editing the research of their peers; this research will be published in the history department's research journal, the Thetean.

## HIST 200 - The Historian's Craft.

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
200

**Teaching Area**
HIST

**Course Title**
The Historian's Craft.

**Course Description**
History within the broader framework of liberal education; nature of history; questions historians ask; skills and resources needed to study, understand, and write history.

**Department**
History

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Required of all history majors.

| Title | Tags |
|---|---|
| Critical Analysis | 182921, 1 |

**Learning Outcome**
Acquire the ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions.

| Title | Tags |
|---|---|
| Effective Communication | 183372, 2 |

**Learning Outcome**
Skillfully integrate data into a coherent argument expressed through a clear, well-written

| Title | Tags |
| --- | --- |
| Publication Experience | 183573, 2 |

**Learning Outcome**
Students will gain experience in the practicalities of research publication by producing an issue of the history department's research journal, the Thetean.

| Title | Tags |
| --- | --- |
| Editing Experience | 183575, 1 |

**Learning Outcome**
Students will gain experience in reviewing and editing the research of their peers; this research will be published in the history department's research journal, the Thetean.

| Title | Tags |
| --- | --- |
| Publication Experience | 183576, 2 |

**Learning Outcome**
Students will gain experience in the practicalities of research publication by producing an issue of the history department's research journal, the Thetean.

| Title | Tags |
| --- | --- |
| Editing Experience | 183577, 1 |

**Learning Outcome**
Students will gain experience in reviewing and editing the research of their peers; this research will be published in the history department's research journal, the Thetean.

| Title | Tags |
| --- | --- |
| Publication Experience | 183578, 2 |

**Learning Outcome**
Students will gain experience in the practicalities of research publication by producing an issue of the history department's research journal, the Thetean.

style and through oral communication.

| Title | Tags |
| --- | --- |
| Effective and Ethical Research | 183374, 1 |

**Learning Outcome**
Demonstrate proficiency in using the historical method of research effectively by skillfully and honestly using primary and secondary sources.

## HIST 201 - World Civilization to 1500

**Course Information**

## HIST 202 - World Civilization from 1500

**Course Information**

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
201

**Teaching Area**
HIST

**Course Title**
World Civilization to 1500

**Course Description**
World civilization from Greek antiquity to Renaissance; explores fundamental questions in the human experience, examines formative events in history, and seeks to teach value of important texts.

**Department**
History

**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Critical Analysis

**Tags**
182922, 1

**Learning Outcome**
Be able to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions

**Title**
Analytical Reading

**Tags**
182923, 2

**Learning Outcome**
Be able to read, analyze, and discuss both primary and secondary source documents dealing with world history (pre-1500 C.E.).

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
202

**Teaching Area**
HIST

**Course Title**
World Civilization from 1500

**Course Description**
World civilization from Renaissance to present; explores fundamental questions in the human experience, examines formative events in history, and seeks to teach value of important texts.

**Department**
History

**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Cultural Works and Values

**Tags**
182975, 3

**Learning Outcome**
Gain an appreciation of influential cultural works produced in a variety of modern societies and through them come to a clearer understanding of the fundamental values held by past peoples-including, how they understood the natural world, what it meant to be human, and their relationship with the divine.

**Title**
Historical and Geographical Knowledge

**Tags**
183287, 1

**Learning Outcome**
Demonstrate a basic

| Title | Tags |
| --- | --- |
| Cultural Works and Values | 182973, 5 |

**Learning Outcome**
Gain an appreciation of influential cultural works produced in a variety of pre-modern societies and through them come to a clearer understanding of the fundamental values held by past peoples-including, how they understood the natural world, what it meant to be human, and their relationship with the divine.

| Title | Tags |
| --- | --- |
| Lifelong Learning | 182974, 6 |

**Learning Outcome**
Recognize and be able to apply the tools necessary for a lifelong appreciation of the study of world history.

| Title | Tags |
| --- | --- |
| Historical and Geographical Knowledge | 183324, 1 |

**Learning Outcome**
Demonstrate a basic geographical knowledge of the world, and more importantly, develop the ability to discuss how geographical and environmental realities, as well as cross-regional interactions, have impacted historical development

| Title | Tags |
| --- | --- |
| Historical Comparisons | 183424, 1 |

**Learning Outcome**
Be able to identify major societies of the pre-1500 C.E. era and make historical comparisons between them, in regard to political systems, trade and economics, social structures, religious beliefs, and gender roles

| Title | Tags |
| --- | --- |
| Analytical Writing | 183378, 5 |

**Learning Outcome**
Improve the clarity and grace of their analytical writing.

geographical knowledge of the world, and more importantly, develop the ability to discuss how geographical and environmental realities, as well as cross-regional interactions, have impacted historical development.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183316, 5 |

**Learning Outcome**
Improve the clarity and grace of analytical writing.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183336, 3 |

**Learning Outcome**
Be able to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions.

| Title | Tags |
| --- | --- |
| Analytical Reading | 183380, 4 |

**Learning Outcome**
Be able to read, analyze, and discuss both primary and secondary source documents dealing with world history (post-1500 C.E.).

| Title | Tags |
| --- | --- |
| Historical Comparisons | 183389, 1 |

**Learning Outcome**
Be able to identify major societies of the post-1500 C.E. era and make historical comparisons between them, in regard to political systems, trade and economics, social structures, religious beliefs, and gender roles.

| Title | Tags |
| --- | --- |
| Lifelong Learning | 183332, 6 |

**Learning Outcome**
Recognize and be able to apply the tools necessary for a lifelong appreciation of the study of world history

## HIST 205 - Introduction to Family History Doctrine and Practice

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
205

**Teaching Area**
HIST

**Course Title**
Introduction to Family History Doctrine and Practice

**Course Description**
Introduces basic genealogy and family history doctrine and genealogical methodology, emphasizing living memory, preservation, FamilySearch Family Tree, software, and citation.

**Department**
History

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
This course partially fulfills the religion elective requirement. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Doctrine

**Tags**
212345, 0, 1

**Learning Outcome**

Students will gain an understanding and appreciation of the connection between the Savior's atonement, family history work, and temple worship.

## HIST 206R - Regional and Thematic Studies in Family History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
206R

**Teaching Area**
HIST

**Course Title**
Regional and Thematic Studies in Family History

**Course Description**
Exploration of sound genealogy/family history research methods and genealogical resources available for specified regions, countries, ethnicities, and/or language groups.

**Department**
History

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Doctrine

**Tags**
212349, 0, 1

**Learning Outcome**

Students will gain an understanding and appreciation of the connection between the Savior's atonement, family history work, and temple worship.

**Title**
Practical Skills

**Tags**
212350, 0, 2

**Learning Outcome**

Students will learn practical skills that help them turn their

skills that help them turn their hearts to their ancestors, including practical skills in family historical/genealogical research and citation, methodology, record preservation, and writing.

| Title | Tags |
| --- | --- |
| Policies and Procedures for Temple Work | 212346, 0, 2 |

**Learning Outcome**

Students will understand the policies and procedures related to submitting ancestral names for proxy temple ordinances.

| Title | Tags |
| --- | --- |
| Church History | 212348, 0, 4 |

**Learning Outcome**

Students will understand the history of Latter-day Saint genealogical and temple practices, doctrines, and beliefs.

| Title | Tags |
| --- | --- |
| Practical Skills | 212347, 0, 3 |

**Learning Outcome**

Students will learn practical skills that help them turn their hearts to their ancestors, including practical skills in family historical/genealogical research and citation, methodology, record preservation, and writing.

| Title | Tags |
| --- | --- |
| Research | 212351, 0, 3 |

**Learning Outcome**

Students will learn family historical research and writing skills for a particular language, region, ethnic group, religious group, or methodological approach.

## HIST 217 - The Family Historian's Craft

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
217

**Teaching Area**
HIST

**Course Title**
The Family Historian's Craft

**Course Description**
Introduction to genealogical methods applicable in American and international research. Discussion of technology in genealogical research and introduction to censuses and vital records (US and international).

**Department**

## HIST 218 - The Family and the Law in American History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
218

**Teaching Area**
HIST

**Course Title**
The Family and the Law in American History

**Course Description**
The interaction of families with law and government as illustrated in original American sources; individual family histories reconstructed in the broader perspective of history.

**Department**

History
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Research | 212352, 0, 1 |

**Learning Outcome**
Students will be able to identify and solve basic historical and genealogical problems through primary and secondary source research (particularly census and vital records), using library, archival and technological resources.

| Title | Tags |
|---|---|
| Writing | 212353, 0, 2 |

**Learning Outcome**
Students will be able to produce genealogical research reports and narrative family histories that are clear, precise, well-written, and well-documented.

.
History
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HIST 217 - The Family Historian's Craft

**Additional Comments:**

| Title | Tags |
|---|---|
| Research Methodology | 182938, 1 |

**Learning Outcome**
Students will be able to identify and solve basic historical and genealogical problems in the United States through primary and secondary source research, using library, archival and technological resources

| Title | Tags |
|---|---|
| Incorporate Historical Background | 182939, 2 |

**Learning Outcome**
Students will be able to recognize and incorporate the historical background of the time and place in their genealogical research

| Title | Tags |
|---|---|
| Evidentiary Analysis | 182940, 3 |

| Learning Outcome |
| --- |
| Students will be able to utilize a significant range of skills and abilities in critical genealogical evidentiary analysis and be able to distinguish that from historical analysis |

| Title | Tags |
| --- | --- |
| Knowledge of Sources | 183000, 4 |

| Learning Outcome |
| --- |
| Students will be able to demonstrate content knowledge of primary historical sources for the United States |

| Title | Tags |
| --- | --- |
| Effective Communication | 183355, 1 |

| Learning Outcome |
| --- |
| Students will be able to produce genealogical research reports and narrative family histories and compiled lineages that are clear, precise and well-written; |

| Title | Tags |
| --- | --- |
| Apply Research Skills | 183426, 4 |

| Learning Outcome |
| --- |
| Students will be able to apply research skills learned to the search for their own ancestors and to assist others in their searches in the United States; |

| Title | Tags |
| --- | --- |
| Using Genealogical Technology | 183428, 0, 6 |

| Learning Outcome |
| --- |
| Students will be able to explain the roles of New.FamilySearch.org and other FamilySearch.org programs, integrating in the process the academic knowledge from this course with a testimony of the current direction of family history in the Chiurch of Jesus Christ of Latter-day Saints. |

## HIST 220 - The United States Through 1877

### Course Information

## HIST 221 - The United States Since 1877

### Course Information

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
220

**Teaching Area**
HIST

**Course Title**
The United States Through 1877

**Course Description**
Discovery, colonization, American Revolution, estabishment of the Constitution, foreign affairs, westward expansion, slavery, sectionalism, Civil War, and reconstruction.

**Department**
History

**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Critical Analysis | 182924, 1 |

**Learning Outcome**
Hone the ability to analyze questions and issues in American history to 1877, assess historical information accurately, and distinguish between questionable and valid historical assertions in exams and papers.

| Title | Tags |
|---|---|
| American History to 1877 | 182976, 2 |

**Learning Outcome**
Gain knowledge of some of the major developments in American history to 1877 (discovery, colonization, American Revolution, establishment of the Constitution, foreign affairs,

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
221

**Teaching Area**
HIST

**Course Title**
The United States Since 1877

**Course Description**
Industrialization, immigration, urbanization, political and social movements, and foreign policy.

**Department**
History

**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| American History 1877 to Present | 182977, 1 |

**Learning Outcome**
Gain knowledge of some of the major developments in American history from 1877 to the present (industrialization, immigration, urbanization, political and social movements, gender, and foreign policy), including an understanding of key historical terms and theories. Demonstrate this knowledge in exams, papers, and class discussion.

| Title | Tags |
|---|---|
| Critical Analysis | 183299, 2 |

**Learning Outcome**
Hone the ability to analyze historical questions and issues in American history from 1877 to

westward expansion, gender, slavery, sectionalism, Civil War, and Reconstruction), including an understanding of key historical terms and theories. Demonstrate this knowledge in exams, papers, and class discussions.

| Title | Tags |
| --- | --- |
| Effective Communication | 183333, 4 |

**Learning Outcome**
Learn to skiillfully integrate data into coherent arguments expressed through a clear, well-written style in exams, papers, class discussion, and other classroom learning activities.

| Title | Tags |
| --- | --- |
| Research Skills and Ethics | 183383, 3 |

**Learning Outcome**
Learn through example and practice in classroom activities, papers, and exams to evaluate primary and secondary sources skillfully and honestly.

the present, assess historical information accurately, and distinguish between questionable and valid historical assertions in exams and papers.

| Title | Tags |
| --- | --- |
| Effective Communication | 183327, 4 |

**Learning Outcome**
Learn to integrate data into coherent arguments expressed through a clear, well-written style in exams, papers, class discussions, and other classroom learning activities.

| Title | Tags |
| --- | --- |
| Research Skills and Ethics | 183413, 3 |

**Learning Outcome**
Learn from example and practice in classroom activities, papers, and exams to evaluate primary and secondary sources skillfully and honestly.

## HIST 231 - Introduction to East Asian History

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 231 |

**Teaching Area**
HIST
**Course Title**
Introduction to East Asian History
**Course Description**
Major themes in the history, thought, and culture of Asian societies from antiquity to the present.
**Department**
History
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

## HIST 232 - Introduction to the History of Christianity

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 232 |

**Teaching Area**
HIST
**Course Title**
Introduction to the History of Christianity
**Course Description**
Survey of major developments in Christianity from its origins in the ancient Roman Empire to its global presence today.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Critical Analysis | 182925, 1 | Students will be able to analyze historical arguments. |
| Historical Knowledge of Asia | 182978, 2 | Students will be able to explain and analyze the major political, economic, and social developments in the history of China, Korea, and Japan from antiquity to the present |
| Research Literature | 183282, 1 | Students will be able to analyze and interpret primary source documents. |
| Critical Interpretation | 183405, 2 | Students will be able to interpret and discuss the meaning and significance of historical events on contemporary identity and foreign relations. |

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Historical knowledge of Christianity and Christian movements | 183554, 1 | Students will be able to explain and analyze the basic developments in Christianity from its origins in the Roman Empire to its various manifestations around the world today. |
| Analysis of primary sources | 183555, 2 | Students will learn to analyze and interpret brief primary short documents from each major historical period in Christian history. |
| Oral communication | 183556, 3 | Students will be able to debate and discuss the meaning of developments in Christian history and documents dealing with Christian history with peers of all Christian faiths. |

## HIST 238 - Ancient Near East to 330 BC

### Course Information

Teaching Area (new)
HIST
Course Number
238
Teaching Area
HIST
Course Title
Ancient Near East to 330 BC

## HIST 239 - Ancient Near East, 330 BC - 640 AD

### Course Information

Teaching Area (new)
HIST
Course Number
239
Teaching Area
HIST
Course Title

**Course Description**
Ancient cultures of the Near East (Egypt, Mesopotamia, Syro-Palestine, Anatolia, Iran) from the beginnings of civilization to the conquests of Alexander the Great.
**Department**
History
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Ancient Near East | 182979, 1 |

**Learning Outcome**
Students will gain a historical consciousness of the Ancient Near East by demonstrating a critical literacy of major developments in Ancient Near East history, key historical terms, primary sources, and narratives of Ancient Near East history up to Alexander.

| Title | Tags |
| --- | --- |
| Effective and Ethical Research | 183262, 2 |

**Learning Outcome**
Students will develop use of the historical method of research effectively by skillfully and honestly using primary and secondary sources in the formation of answers to major questions surrounding the narratives of the ancient Near East

| Title | Tags |
| --- | --- |
| Critical Analysis | 183297, 1 |

Ancient Near East, 330 BC - 640 AD
**Course Description**
Cultures and empires of the Near East (Persia, Hellenistic kingdoms, Judaism, early Christianity, Rome, and Byzantium) from Alexander the Great to the Arab conquests.
**Department**
History
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Hellenistic, Christian Near East | 182926, 1 |

**Learning Outcome**
Gain a firsthand understanding of the Hellenistic and Christian Near East through studying and analyzing primary sources, using a template of (suggested) questions

| Title | Tags |
| --- | --- |
| Critical Analysis | 182927, 6 |

**Learning Outcome**
Understand how the political and social changes in the Eastern Mediterranean in the Hellenistic period contributed to the development of science, technology, philosophy, and religion

| Title | Tags |
| --- | --- |
| Historical Knowledge of Origins of Christianity | 182928, 2 |

**Learning Outcome**
Understand the basic historical issues surrounding the origin of

Learning Outcome
Students will develop an ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions about ancient Near East primary sources.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183418, 3 |

Learning Outcome
Students will develop their writing ability through a range of pre-writing and writing assignments.

Christianity

| Title | Tags |
| --- | --- |
| Historical Knowledge of Christian Roman Empire | 182929, 3 |

Learning Outcome
Understand the development of the Christian Roman Empire (Byzantium)

| Title | Tags |
| --- | --- |
| Understand Faith and Reason | 183329, 4 |

Learning Outcome
Understand basic issues of faith and reason, as they relate to Christianity and Judaism in the formative period of the former

| Title | Tags |
| --- | --- |
| Research Literature | 183354, 5 |

Learning Outcome
Master an early Christian primary source well enough to present, as a group, its gist, meaning, and significance

## HIST 240 - Middle East History to 1800

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 240 |

Teaching Area
HIST
Course Title
Middle East History to 1800
Course Description
History of the Middle East from the rise of of Islam until 1800.
Department
History
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

## HIST 241 - Middle East History from 1800

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 241 |

Teaching Area
HIST
Course Title
Middle East History from 1800
Course Description
History of the Middle East in the modern period form 1800; rise of nation states, relationship with West, role of Islam.
Department
History
When Taught
Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Islamic Near East 640-1800 | 182980, 1 |

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, cultural and religious developments in the Islamic Near East between approximately AD 640-1800.

| Title | Tags |
| --- | --- |
| Research Literature | 183451, 1 |

Learning Outcome
Students will be able to analyze and interpret translations of primary source documents from the Islamic Near East.

## HIST 242R - (Hist-NES 347R) Arab and Islamic Civilization.

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Middle East | 182981, 1 |

Learning Outcome
Gain a historical consciousness by demonstrating a knowledge of major developments in Middle East and world history and understand key historical terms and theories.

| Title | Tags |
| --- | --- |
| Effective Communication | 183252, 2 |

Learning Outcome
Skillfully integrate data into a coherent argument expressed through a clear, well-written style and through oral communication.

| Title | Tags |
| --- | --- |
| Research Literature | 183348, 1 |

Learning Outcome
Acquire the ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions by using the historical method of research effectively by skillfully and honestly using primary and secondary sources.

| Title | Tags |
| --- | --- |
| Faith and Reason | 183449, 3 |

Learning Outcome
Demonstrate how faith and reason intersect.

## HIST 243R - (Hist-NES 349R) Jewish Civilization.

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
242R

**Teaching Area**
HIST

**Course Title**
(Hist-NES 347R) Arab and Islamic Civilization.

**Course Description**
Social science/humanities core course covering Arab and Islamic civilization; historical evolution of Middle East to present. Overview of modern Palestinian society.

**Department**
History

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
2

**Note**
Elective credit for major and minor in Near Eastern Studies. Offered at the Jerusalem Center for Near Eastern Studies only. Does not receive GE credit.

| Title | Tags | Learning Outcome |
|---|---|---|
| Historical Knowledge | 183579, 1 | Students will analyze the major historical events that pertain to the history of Arab and Islamic Civilization. |
| Analysis of Texts | 183580, 2 | Students will read and analyze historical texts (primary and secondary sources) dealing with Arab and Islamic Civilization. |
| Historical Context for the Present | 183581, 3 | Students will be able to explain the historical context for the current political, economic, and cultural situation in the modern Middle East. |

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
243R

**Teaching Area**
HIST

**Course Title**
(Hist-NES 349R) Jewish Civilization.

**Course Description**
Social science/humanities core course; broad introduction to Jewish self-understanding and history, focusing on relationships among people, faith, and land.

**Department**
History

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
2

**Note**
Elective credit for major and minor. Offered at the Jerusalem Center for Near Eastern Studies only. Does not receive GE credit.

| Title | Tags | Learning Outcome |
|---|---|---|
| Historical Knowledge | 183582, 1 | Students will gain an understanding of the major historical events in Jewish history. |
| Historical Ties to the Present | 183583, 2 | Students will be able to link historical events to modern developments in Jewish self-understanding and culture. |

## HIST 244 - Jewish History: A.D. 70 to the

## HIST 247 - (Hist-ClCy 304) Greek History

## HIST 244 Jewish History: A.D. 70 to the Present

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
244

**Teaching Area**
HIST

**Course Title**
Jewish History: A.D. 70 to the Present

**Course Description**
Jewish diaspora, Jewish life in Europe; Yiddish culture; development of Zionism; emergence of modern Israel; Jewish-Christian relations; Jewish contributions to culture and society in the United States.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of Jewish History

**Tags**
182930, 1

**Learning Outcome**
Gain a historical consciousness by demonstrating an understanding of major developments in Jewish and history, and understand key historical terms and theories.

**Title**
Critical Analysis

**Tags**
182931, 2

**Learning Outcome**
Acquire the ability to analyze historical questions and issues clearly, assess historical information accurately and distinguish between questionable and valid historical assertions.

## HIST 247 (Hist-ClCv 304) Greek History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
247

**Teaching Area**
HIST

**Course Title**
(Hist-ClCv 304) Greek History

**Course Description**
Political, economic, social, and intellectual history of Greece from Mycenaean times to the Hellenistic period.

**Department**
History

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of Greek History

**Tags**
183230, 4

**Learning Outcome**
Successful students will demonstrate a basic understanding of Greek History from the Bronze Age to the Hellenistic Age

**Title**
Primary Source Analysis

**Tags**
183357, 1

**Learning Outcome**
Successful students will consider available primary sources of information for ancient Greek history and be able to evaluate the reliability of those sources.

| Title | Tags |
| --- | --- |
| Recognize Anti-Semitism | 182932, 3 |

**Learning Outcome**
Recognize anti-Semitic arguments.

| Title | Tags |
| --- | --- |
| Understand Jewish Identity | 182933, 4 |

**Learning Outcome**
Gain an understanding of the complexities of modern Jewish identity.

| Title | Tags |
| --- | --- |
| Appreciate Jewish Contributions | 182934, 5 |

**Learning Outcome**
Appreciate the contribution of Jewish people to the world.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183290, 3 |

**Learning Outcome**
Skillfully integrate sources into a coherent argument expressed through a clear, well-written style and throrough oral communication.

| Title | Tags |
| --- | --- |
| Effective and Ethical Research | 183315, 2 |

**Learning Outcome**
Demonstrate proficiency in using the historical method of research effectively by skillfully and honestly using interdisciplinary prinary and secondary sources.

## HIST 248 - (Hist-ClCv 307) Roman History.

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
248
**Teaching Area**
HIST
**Course Title**
(Hist-ClCv 307) Roman History.
**Course Description**
Political, economic, social, and intellectual history of Rome from the foundation of the city to Constantine

## HIST 250 - Europe 1500 to the Present

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
250
**Teaching Area**
HIST
**Course Title**
Europe 1500 to the Present
**Course Description**
Overview of key political, cultural, economic and social developments in Europe during the early modern and modern periods, 1500—

foundation of the city to Constantine.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Research and Historiography | 183221, 4 |

**Learning Outcome**
Successful students will be able to locate the historical texts treated in class in the context of Classical literature generally and of ancient historiography specifically.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183222, 2 |

**Learning Outcome**
Successful students will discuss critical theories that are relevant to the texts treated in class and be able to evaluate the rhetorical complexities facing the various authors discussed and how those authors resolved those complexities as they composed their historical narratives.

| Title | Tags |
| --- | --- |
| Primary Sources of Information | 189878, 2 |

**Learning Outcome**
Successful students will consider available primary sources of information for ancient Roman history and be able to evaluate the reliability of those sources.

in Europe during the early modern and modern periods, 1500—Present.
**Department**
History
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
WRTG 150

| Title | Tags |
| --- | --- |
| Historical knowledge of key events in European history | 183500, 1 |

**Learning Outcome**
Demonstrate a solid understanding of key ideas, events and individuals in the political, social and cultural history of Europe from 1500 to the present.

| Title | Tags |
| --- | --- |
| Geographical knowledge of Europe | 183501, 2 |

**Learning Outcome**
Demonstrate a basic geographical knowledge of Europe, as well as an understanding of the complexities and limitations of the notion of European unity.

| Title | Tags |
| --- | --- |
| Historical analysis of the growth of European unity | 183502, 3 |

**Learning Outcome**
Trace and explain the transformation of Europe from the rivalries and divisions of the early modern period to its

| Title | Tags |
| --- | --- |
| Knowledge of Roman History | 189879, 5 |

**Learning Outcome**
Successful students will demonstrate a basic knowedge of Roman history from the Regal period to the decline of the Roman Empire.

early modern period to its current state of union.

| Title | Tags |
| --- | --- |
| Historiographical knowledge and analysis | 183503, 4 |

**Learning Outcome**
Show the ability to analyze historical debates and questions with accuracy and balance.

| Title | Tags |
| --- | --- |
| Reading and analysis of primary and secondary sources | 183504, 5 |

**Learning Outcome**
Learn to read, analyze, and discuss both primary and secondary source documents dealing with European history.

| Title | Tags |
| --- | --- |
| Historical writing | 183505, 6 |

**Learning Outcome**
Refine the clarity and grace of analytical writing and speaking skills.

## HIST 251 - Conquest and Colonization of Latin America.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 251 |

**Teaching Area**
HIST
**Course Title**
Conquest and Colonization of Latin America.
**Course Description**
Pre-Columbian civilizations, Iberian exploration and conquest of the New World, and colonial development of Hispanic and Portuguese America from 1492 to 1823.
**Department**
History
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

## HIST 252 - Modern Latin America

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 252 |

**Teaching Area**
HIST
**Course Title**
Modern Latin America
**Course Description**
National period (1810 to present): independence, institutional development, culture, and inter-American relations.
**Department**
History
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

**Lecture Hours**

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Title
Historical Knowledge of Latin America

Tags
183069, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, religious, and cultural characteristics of Spanish and Portuguese colonialism in the Americas between 1492 and 1825.

Title
Research Literature

Tags
183271, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

Title
Critical Analysis

Tags
183307, 3

Learning Outcome
Students will analyze historical questions and place them in historiographical context.

Title
Effective Communication

Tags
183414, 2

Learning Outcome
Students will gain experience in historical research and improve writing skills.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Title
Historical Knowledge of Modern Latin America

Tags
182982, 1

Learning Outcome
Students will be exposed to the major economic, political, and cultural shifts that shaped the "modern" Latin American state in the nineteenth and twentieth century, as well as its variants, notably the cult of caudillo rule and its twentieth century offshoots

Title
Literature Survey and Analytical Writing

Tags
183070, 2

Learning Outcome
Students will either broaden their understanding of literature on one topic in Latin American history by way of an intensive literature survey or deepen their knowledge on a particular topic in Latin American history by way of an original research paper.

Title
Critical Discussions

Tags
183272, 2

Learning Outcome
Students will gain oral proficiency in discussing historiographical and thematic issues in modern Latin America during weekly discussion.

Title
Research Literature

Tags
183273, 1

Learning Outcome
Students will become conversant with major theoretical arguments and approaches to

Latin American history in the contemporary era.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183417, 4 |

**Learning Outcome**
Students will make connections between cultural and polotico-economic issues by way of a wide variety of course readings that expose students to literature, as well as traditional historical themes.

## HIST 253 - Religion in Colonial Latin America

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 253 |

**Teaching Area**
HIST
**Course Title**
Religion in Colonial Latin America
**Course Description**
This course introduces students to the various religious beliefs of the indigenous peoples of Latin America, with an emphasis on Mesoamerica, while illustrating the myriad results of their colonial conversion to Catholicism.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## HIST 260 - Early Africa

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 260 |

**Teaching Area**
HIST
**Course Title**
Early Africa
**Course Description**
Explores the formation of African regional political traditions, the rise of fabled kingdoms, and the horrors of expanding slaving frontiers.
**Department**
History
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## HIST 261 - Modern Africa

## HIST 276 - Exploration of Teaching - Social

## HIST 261 - Modern Africa

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
261
**Teaching Area**
HIST
**Course Title**
Modern Africa
**Course Description**
Survey of the history of the African continent from circa 1800, focusing on experiences and perspectives of Africans. Topics may include culture and identity, colonialism, independence movements, religion, gender relations, the environment, and economic development.
**Department**
History
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Analytical Writing
**Tags**
183408, 3
**Learning Outcome**
Students will improve their ability to write clearly and organize evidence to build an argument

**Title**
Historical Knowledge of Modern Africa and its People
**Tags**
183635, 1
**Learning Outcome**
Students will gain a greater knowledge of major events, developments, and questions in modern African history and understand that African cultures and people have changed over time

## HIST 276 - Exploration of Teaching - Social Science

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
276
**Teaching Area**
HIST
**Course Title**
Exploration of Teaching - Social Science
**Course Description**
Field-based, initial teaching experience directed at helping prospective teachers experience the demands and opportunities associated with teaching secondary students.
**Department**
History
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4
**Fixed**
4

**Other Prerequisites**
Major-area preadmission requirements; FBI fingerprint and background clearance.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183636, 2 |

**Learning Outcome**
Students will improve their ability to weigh evidence, assess conflicting viewpoints, and evaluate arguments

| Title | Tags |
| --- | --- |
| Self-examination through studies of race, identity, and liberation | 183637, 4 |

**Learning Outcome**
Students will re-consider the way they interact with their own society and how Africa has related to the rest of the world by considering questions about identity, race, domination and liberation in African history

## HIST 280 - Northern US Family History Research and Methodology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 280 |

**Teaching Area**
HIST
**Course Title**
Northern US Family History Research and Methodology
**Course Description**
Records, geographical-historical background, paleography, and methodologies for reconstruction of invididual families and development of family history studies in the northern states, including New England, the Midwest, and some Mid-Atlantic states in the 19th and 20th centuries.
**Department**
History
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## HIST 281 - Southern US Family History Research and Methodology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 281 |

**Teaching Area**
HIST
**Course Title**
Southern US Family History Research and Methodology
**Course Description**
19th and 20th century records, geographical-historical background, paleography, and methodologies for reconstruction of individual families and development of family history studies in the southern states.
**Department**
History
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HIST 217 - The Family Historian's Craft

**Additional Comments:**

**Title**
Competence in genealogical research reports

**Tags**
183561, 3

**Learning Outcome**
Students will be able to produce clear, well-written genealogical research reports demonstrating a high level of critical thinking in pedigree analysis and genealogical evidentiary analysis.

**Title**
Competence in writing compiled lineages

**Tags**
183562, 4

**Learning Outcome**
Students will be able to produce well-written compiled lineages that incorporate the historical background of the time, relating histories of individual families to larger historical processes.

**Title**
Knowledge of family history sources in northern US research

**Tags**
183632, 1

**Learning Outcome**
Students will be able to describe the key content and utility of major family history sources in northern US research, viz., census and vital records, church and town records, county histories, tax records, probate and other court records, land records, immigration sources, and compiled family histories, as well as related secondary-source indexes and databases.

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HIST 217 - The Family Historian's Craft

**Additional Comments:**

**Title**
Familiarity with the Family History Library in Salt Lake City

**Tags**
183458, 2

**Learning Outcome**
Students will be able to use family history sources, primary and secondary, on film or otherwise, at the world's largest genealogical repository, the Family History Library in Salt Lake City.

**Title**
Knowledge of family history sources in southern US research

**Tags**
183629, 1

**Learning Outcome**
Students will be able to demonstrate content knowledge of historical sources for the United States, as well as those peculiar to each of the Southern States, including primary and secondary sources located in libraries, archives, online, and filmed resources.

**Title**
Competence in genealogical research reports

**Tags**
183630, 3

**Learning Outcome**
Students will be able to produce clear, well-written genealogical research reports demonstrating a high level of critical thinking in pedigree analysis and genealogical evidentiary analysis.

**Title**
Competence in writing compiled lineages

**Tags**
183631, 4

**Title**
Familiarity with the Family History Library in Salt Lake City

**Tags**
183633, 2

**Learning Outcome**
Students will be able to conduct research in family history sources, primary and secondary, on film or otherwise, at the world's largest genealogical repository, the Family History Library in Salt Lake City.

**Learning Outcome**
Students will be able to produce well-written compiled lineages that incorporate the historical background of the time, relating histories of individual families to larger historical processes.

## HIST 282 - Colonial North American Family History Research and Methodology

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
282

**Teaching Area**
HIST

**Course Title**
Colonial North American Family History Research and Methodology

**Course Description**
Advanced research class covering records, historical background, paleography, and methodologies for reconstructing individual families and development of family history studies in colonial North America, including British, French, Spanish, and other European colonies.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## HIST 283 - British Family History Research and Methodology

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
283

**Teaching Area**
HIST

**Course Title**
British Family History Research and Methodology

**Course Description**
Records, geographical-historical background, paleography, and methods for reconstruction of individual families and development of demographic and family history studies in England, Scotland, and Wales.

**Department**
History

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HIST 217 - The Family Historian's Craft

**Additional Comments:**

**Complete ALL of the following Courses:**

- HIST 217 - The Family Historian's Craft

**Additional Comments:**

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Research | 183293, 0, 0 |

**Learning Outcome**
Students will be able to explain and use fundamental genealogical (and some historical) resources and methodologies for British research

| Title | Tags |
|---|---|
| Analysis | 182952, 0, 1 |

**Learning Outcome**
Students will evaluate, analyze, and corroborate genealogical information from both original and compiled sources. Students will know and use established citation standards.

| Title | Tags |
|---|---|
| Writing | 183017, 0, 2 |

**Learning Outcome**
Students will demonstrate their ability to communicate research methodologies and results in written and oral form.

## HIST 284 - German Family History Research and Methodology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HIST | 284 |

**Teaching Area**
HIST
**Course Title**
German Family History Research and Methodology
**Course Description**
Records, geographical-historical background, paleography, and methodologies for reconstruction of individual families and development of family history studies in Germanic areas of Europe.
**Department**
History
**When Taught**
Contact Department

## HIST 285 - Scandinavian Family History Research and Methodology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HIST | 285 |

**Teaching Area**
HIST
**Course Title**
Scandinavian Family History Research and Methodology
**Course Description**
Records, geographical-historical background, paleography, and methodologies for reconstruction of individual families and development of family history studies in Denmark, Norway, Iceland, Sweden, and/or Finland.
**Department**
History
**When Taught**

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HIST 217 - The Family Historian's Craft

**Additional Comments:**

**Title**
Identify Major Family History Sources

**Tags**
183018, 1

**Learning Outcome**
Students will be able to describe the key content of major family history sources in German research.

**Title**
Research Literature

**Tags**
183019, 2

**Learning Outcome**
Students will become somewhat proficient at reading German documents.

**Title**
Research Methods

**Tags**
183453, 2

**Learning Outcome**
Students will become acquainted with actually using family history primary and secondary sources, on film or otherwise available, at the world's largest genealogical repository, the

Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HIST 217 - The Family Historian's Craft

**Additional Comments:**

**Title**
Research Literature

**Tags**
182953, 1

**Learning Outcome**
Students will become somewhat proficient at reading old gothic-script Scandinavian documents from the 1600s on up, and also be able to convert Latin feast dates to modernized calendar dates through use of feast date conversion calendars.

**Title**
Identify Major Family History Sources

**Tags**
183080, 1

**Learning Outcome**
Students will be able to describe the key content of major family history sources in Scandinavian research, viz., census, parish registers, probates, land/property and court records, since the 1600s.

**Title**

**Tags**

Family History Library in Salt Lake City.

| | |
|---|---|
| Research Methods | 183376, 2 |

**Learning Outcome**
Students will become acquainted with actually using family history primary and secondary sources, on film or otherwise available, at the world's largest genealogical repository, the Family History Library in Salt Lake City.

## HIST 286 - Southern European and Latin American Family History Research and Methodology

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
286
**Teaching Area**
HIST
**Course Title**
Southern European and Latin American Family History Research and Methodology
**Course Description**
Records, geo-historical background, paleography, and methods for reconstruction of individual families; development of demographic and family history studies which may include Portugal, Spain, France, and Italy and their colonies in the Americas.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## HIST 287 - Eastern European Family History Research and Methodology

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
287
**Teaching Area**
HIST
**Course Title**
Eastern European Family History Research and Methodology
**Course Description**
Records, geographical-historical background, paleography, and methodologies for reconstruction of individual families; development of family history studies Eastern Europe.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HIST 217 - The Family Historian's Craft

Prerequisites

**Complete ALL of the following Courses:**

- HIST 217 - The Family Historian's Craft

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Analysis | 182954, 2 |

**Learning Outcome**

Students will be able to utilize a significant range of skills and abilities in critical genealogical evidentiary analysis and be able to distinguish that from historical analysis

| Title | Tags |
|---|---|
| Incorporate Historical Background | 183020, 1 |

**Learning Outcome**

Students will be able to recognize and incorporate the historical background of the time and place in their genealogical research.

| Title | Tags |
|---|---|
| Genealogical Research | 183081, 2 |

**Learning Outcome**

Students will be able to identify and solve basic historical and genealogical problems in Southern Europe, Quebec and Latin America through primary and secondary source research, using library, archival and technological resources

| Title | Tags |
|---|---|
| Research Literature | 183334, 3 |

**Learning Outcome**

Students will be able to demonstrate content knowledge of primary historical sources for Southern Europe, Quebec and Latin America.

| Title | Tags |
|---|---|
| Effective Communication | 183391, 1 |

**Learning Outcome**

Students will be able to produce genealogical research reports and narrative family histories and compiled lineages that are

**Additional Comments:**

| Title | Tags |
|---|---|
| Research Methods | 183021, 0, 1 |

**Learning Outcome**

Students will analyze, evaluate, and corroborate genealogical information from various sources and use evidence to prove the links between generations and document individuals across their lifespan.

| Title | Tags |
|---|---|
| Research Sources | 183317, 0, 0 |

**Learning Outcome**

Students will be able to describe the key content of major family history sources in East European research and understand how to find them online or otherwise. Students will gain experience with using original and derivative family history sources from Eastern Europe.

| Title | Tags |
|---|---|
| Reading Records | 183277, 0, 2 |

**Learning Outcome**

Students will become somewhat proficient at reading old documents from Eastern Europe in the Russian language. They will also gain some basic familiarity with records in other languages found in records in Eastern Europe.

clear, precise and well-written

| Title | Tags |
| --- | --- |
| Research Methods | 183395, 4 |

**Learning Outcome**
Students will be able to apply research skills learned to the search for their own ancestors and to assist others in their searches in Southern Europe, Quebec and Latin America.

| Title | Tags |
| --- | --- |
| Computer Programs | 183240, 0, 6 |

**Learning Outcome**
Students will be able to explain the roles of New.FamilySearch.org and other FamilySearch.org programs, integrating in the process the academic knowledge from this course with a testimony of the current direction of family history in the Church of Jesus Christ of Latter-day Saints

## HIST 288R - Women in a Changing World

### Course Information

**Course Number**
288R
**Teaching Area**
HIST
**Course Title**
Women in a Changing World
**Course Description**
Examines women in particular historical settings, how women's lives changed over time, and how women actively shaped their own lives as well as the societies in which they lived.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

| Title | Tags |
| --- | --- |
| Historical understanding | 213865, 0, 1, 2023-08-29 09:25:59 |

**Learning Outcome**

## HIST 289 - Citizen Nation

### Course Information

**Course Number**
289R
**Teaching Area**
HIST
**Course Title**
Citizen Nation
**Course Description**
Exploration of how American definitions of citizenship have evolved from the founding era to the 21st century. Examines the definition, meaning, and the rights, privileges, and responsibilities of citizenship.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

Learning Outcome
Students will be able to outline major historical themes and controversies in women and gender history

| Title | Tags |
| --- | --- |
| Recognizing agency | 213866, 0, 2, 2023-08-29 09:26:01 |

Learning Outcome
Students will be able to recognize the ways that women exercised agency in specific historical contexts

| Title | Tags |
| --- | --- |
| Evaluation | 213867, 0, 3, 2023-08-29 09:26:02 |

Learning Outcome
Students will be able to evaluate women's contributions to society historically, culturally, economically, and politically as well as appreciate variations in women's experiences.

| Title | Tags |
| --- | --- |
| Analysis and communication | 213868, 0, 4, 2023-08-29 09:26:04 |

Learning Outcome
Students will be able to demonstrate analytical and communication skills through critical reading, discussion, and writing about sources by and about women and women's issues

| Title | Tags |
| --- | --- |
| Present-day application | 213869, 0, 5, 2023-08-29 09:26:06 |

Learning Outcome
Students will be able to apply historical thinking skills to engage contemporary and historical issues about women and women's issues

| Title | Tags |
| --- | --- |
| Interpretative framework | 213870, 0, 1, 2023-08-29 09:26:08 |

Learning Outcome
Students will be able to develop an interpretive framework for the concept of citizenship and how it has changed over time in the US

| Title | Tags |
| --- | --- |
| Comparison and analysis | 213871, 0, 2, 2023-08-29 09:26:09 |

Learning Outcome
Students will be able to compare and analyze key episodes in US history in light of dynamic, sometimes competing definitions of American citizenship

| Title | Tags |
| --- | --- |
| Change over time | 213872, 0, 3, 2023-08-29 09:26:11 |

Learning Outcome
Students will be able to trace the expansion of the boundaries of American citizenship

| Title | Tags |
| --- | --- |
| Personal understanding | 213873, 0, 4, 2023-08-29 09:26:13 |

Learning Outcome
Students will be able to craft a historically informed personal understanding of one's own citizenship and current debates about citizenship

| Title | Tags |
| --- | --- |
| Applied citizenship | 213874, 0, 5, 2023-08-29 09:26:15 |

Learning Outcome
Students will be able to identify information from "credible, reliable and factual sources," use wisdom to seek truth, and apply historical thinking skills to engage in 21st century citizenship and lifelong learning and service.

## HIST 290 - Nature and History: The Earth's Environmental Past

## HIST 292 - Food and History

### Course Information

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
290

**Teaching Area**
HIST

**Course Title**
Nature and History: The Earth's Environmental Past

**Course Description**
Human historical interactions with animals, plants, and landscapes. Global histories of climate, population, whaling, fossil fuels, the car, animal rights, suburban sprawl, eco-theology, environmentalism, ecotourism, etc.

**Department**
History

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of Global Relationship with Nature

**Tags**
182935, 1

**Learning Outcome**
Students will become academically conversant with the major historical developments in our global relationship with nature.

**Title**
Historical Analysis

**Tags**
183288, 1

**Learning Outcome**
Students will be able to analyze and evaluate the content and meaning of primary sources, and through critical interpretation, draw reasonable conclusions.

**Title**
Analytical Writing

**Tags**
183351, 3

**Teaching Area (new)**
HIST

**Course Number**
292

**Teaching Area**
HIST

**Course Title**
Food and History

**Course Description**
History of tomatoes, potatoes, sugar, and spice. How food and foodways engage broader historical questions and illuminate aspects of human cultures.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Research Methods

**Tags**
182983, 1

**Learning Outcome**
Students will refine and improve historical research, writing and analytical skills.

**Title**
Historical Knowledge of the Study of Food

**Tags**
183071, 2

**Learning Outcome**
Students will be able to discuss the theoretical underpinnings of the study of food, and will be able to discuss key aspects of the impact of food on human history.

**Title**
Effective Communication

**Tags**
183319, 2

**Learning Outcome**
Students will refine and improve oral presentation skills.

Learning Outcome
Students will be able to write history that is coherent and persuasive by following discipline's norms for writing and careful documentation.

| Title | Tags |
| --- | --- |
| Historical Research | 183401, 2 |

Learning Outcome
Students will be able to formulate historical questions and answer them by careful and systematic research in primary and secondary sources.

## HIST 293 - World War II in History and Memory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 293 |

Teaching Area
HIST
Course Title
World War II in History and Memory
Course Description
Explores the causes, flow, and the global significance of the Second World War, emphasizing U.S. experiences in the European and Pacific theatres. Fosters the skills necessary to analyze the war through the perspectives of military and political figures, the "Greatest Generation," and voices beyond the battlefields.
Department
History
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## HIST 294 - The Age of the French Revolution

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 294 |

Teaching Area
HIST
Course Title
The Age of the French Revolution
Course Description
The French Revolution and its global impact. Readings include primary and secondary sources on revolutionary politics, society, and culture in France, its overseas empire, and beyond.
Department
History
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of American, French and Haitian | |

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Historical Knowledge of Global Conflict of 1939 to 1945 | 182984, 1 |

**Learning Outcome**
Students will be able to explain and analyze the history and memory of the global conflict of 1939 to 1945.

| Title | Tags |
|---|---|
| Research Literature | 183245, 1 |

**Learning Outcome**
Students will be able to analyze and interpret primary and secondary source documents.

| Title | Tags |
|---|---|
| Critical Interpretation | 183361, 3 |

**Learning Outcome**
Students will be able to formulate historical arguments based on primary sources and place them in a historiographical context.

| Title | Tags |
|---|---|
| Critical Analysis | 183450, 2 |

**Learning Outcome**
Students will be able to interpret and discuss the meanings and history and memory.

| Title | Tags |
|---|---|
| American, French and Haitian Revolut | 182985, 1 |

**Learning Outcome**
Students will be able to explain and assess the major events and processes that shaped the American, French and Haitian revolutions.

| Title | Tags |
|---|---|
| Research Literature | 183259, 1 |

**Learning Outcome**
Students will be able to analyze and contextualize primary documents from the late eighteenth and early nineteenth centuries.

| Title | Tags |
|---|---|
| Critical Debates | 183415, 2 |

**Learning Outcome**
Students will be able to debate historical questions and historiographical issues related to the American, French, and Haitian revolutions.

## HIST 295 - Latin America in the Age of Revolution, 1750-1850

### Course Information

**Teaching Area (new)** HIST
**Course Number** 295
**Teaching Area**
HIST
**Course Title**
Latin America in the Age of Revolution, 1750-1850
**Course Description**
Examine the origins of the Latin American revolutions for independence, the course of the wars, and the struggles to form new nations. The course considers the issues new nations confronted and the concepts of cultural continuity, including ramifications today.
**Department**

## HIST 298 - Digital History

### Course Information

**Teaching Area (new)** HIST
**Course Number** 298
**Teaching Area**
HIST
**Course Title**
Digital History
**Course Description**
Exploration of digital technology and its potential to revolutionize the discipline of history, from the way research is conducted to methods for knowledge dissemination. Benefits, challenges, and impact of digital methods on the way historians envision and express what happened in the past.
**Department**

History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HIST 200 - The Historian's Craft.
  **AND** HIST 252 - Modern Latin America

**Additional Comments:**

**Title**
Historical knowledge of the Age of Revolution

**Tags**
183467, 1

**Learning Outcome**
Students will obtain historical knowledge of the Age of Revolution in general, and of Latin American revolutions in particular.

**Title**
Reading primary and secondary sources

**Tags**
183468, 2

**Learning Outcome**
Students will be able to read and understand both primary and secondary historical sources, and how those sources have been used in Age of Revolution historiography, and to be able to express that understanding in writing.

History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Effective historical research | 183469, 3 |

**Learning Outcome**
Students will further develop their ability to write clearly, persuasively, and logically, using primary and secondary sources found in the library and elsewhere.

## HIST 299R - Academic Internship

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
299R
**Teaching Area**
HIST
**Course Title**
Academic Internship
**Course Description**
Work experience evaluated by supervisor and posted on student's transcript.
**Department**
History
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
6

**Other Prerequisites**
Department chair's and cooperative education coordinator's consent.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Individual Learning Objectives | 183253, 0 |

**Learning Outcome**
Together with internship and academic supervisors, students will develop individual learning objectives based on internship assignment or position

| Title | Tags |
| --- | --- |
| Skill Application | 183345, 1 |

**Learning Outcome**
Students will master the skills and abillities required during the internship experience.

## HIST 300 - The Early Middle Ages

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
300
**Teaching Area**
HIST
**Course Title**
The Early Middle Ages
**Course Description**
Decline of Rome and the early formative stages of early medieval civilization; analysis of political, economic, and social changes from A.D. 285 to 950.
**Department**
History
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Historical Knowledge | 182936, 1 |

**Learning Outcome**
Students will be able to explain and analyze the major political, economic, social, and religious developments in the Early Middle Ages.

| Title | Tags |
| --- | --- |
| Writing and Application | 183349, 2 |

**Learning Outcome**
Students will write interim and final reports demonstrating historical knowledge, analysis and application during the internship experience.

| Title | Tags |
| --- | --- |
| Critical Communication | 183244, 3 |

**Learning Outcome**
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers

| Title | Tags |
| --- | --- |
| Research Literature | 183341, 1 |

**Learning Outcome**
Students will be able to analyze and interpret primary source documents.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183431, 2 |

**Learning Outcome**
Students will be able to analyze historical questions and place them in a historiographical context.

## HIST 301 - The Late Middle Ages.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 301 |

**Teaching Area**
HIST
**Course Title**
The Late Middle Ages.
**Course Description**
Europe from 950 to 1350; maturation of medieval civilization; failure of German, success of French leadership; economic, religious, cultural, intellectual trends.
**Department**
History
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

## HIST 302 - The Italian Renaissance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 302 |

**Teaching Area**
HIST
**Course Title**
The Italian Renaissance
**Course Description**
Major political, social, and cultural events in Italy from 1200 to 1530, emphasizing concept of the Renaissance in modern historiography.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge | 182937, 1 |

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments in the Late Middle Ages.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183234, 2 |

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Research Literature | 183407, 1 |

Learning Outcome
Students will be able to analyze and interpret primary source documents.

| Title | Tags |
| --- | --- |
| Critical Communication | 183411, 3 |

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers

### Lab Hours

Fixed
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Historical Knowledge of Italian Renaissance | 182986, 1 |

Learning Outcome
Students will understand and be able to analyze the major political, economic, social, and religious developments in Italian Renaissance history

| Title | Tags |
| --- | --- |
| Identify Historiographical Evolution | 182987, 2 |

Learning Outcome
Students will be able to trace the historiographical evolution of the Italian Renaissance and analyze historical questions within this historiographical context

| Title | Tags |
| --- | --- |
| Research Methods | 183314, 2 |

Learning Outcome
Students will refine and improve historical research, writing and analytical skills

## HIST 303 - The Reformation: Age of Turmoil

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 303 |

Teaching Area
HIST
Course Title
The Reformation: Age of Turmoil
Course Description
Sixteenth-century religious upheaval; ideological, cultural, political, and socioeconomic struggles to mid-seventeenth century.

## HIST 305 - The Age of Enlightenment

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 305 |

Teaching Area
HIST
Course Title
The Age of Enlightenment
Course Description
Europe from 1650 to 1850, emphasizing developments (including transatlantic) in culture, religion, political thought, and

Department
History
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Historical Knowledge of Europe (1500-1700) | 182988, 1 |

Learning Outcome
Students will be able to explain and analyze the major religious developments in Europe during the Reformation (1500-1700).

| Title | Tags |
| --- | --- |
| Historical Analysis | 183256, 4 |

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Research Methods using Secondary Sources | 183258, 2 |

Learning Outcome
Students will be able to analyze and interpret secondary source documents

| Title | Tags |
| --- | --- |
| Research Methods using Primary | Tags |

historiography, as well as responses to the Enlightenment.
Department
History
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Europe between 1650 and 1815 | 182990, 1 |

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, intellectual, and cultural developments in Europe between 1650 and 1815.

| Title | Tags |
| --- | --- |
| Historical Knowledge of Enlightenment | 182991, 2 |

Learning Outcome
Students will understand the ideas central to the Enlightenment.

| Title | Tags |
| --- | --- |
| Research Literature | 183232, 1 |

Learning Outcome
Students will be able to analyze and interpret primary source documents.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183251, 2 |

Learning Outcome
Students will gain experience in historical research and improve

| Sources | 183264, 1 |
|---|---|

**Learning Outcome**
Students will be able to analyze and interpret primary source documents.

| Title | Tags |
|---|---|
| Critical Interpretation | 183390, 3 |

**Learning Outcome**
Students will be able to interpret and debate the meanings and historical value of primary and secondary source texts with their peers.

historical research and improve writing skills

| Title | Tags |
|---|---|
| Critical Analysis | 183306, 3 |

**Learning Outcome**
Students will analyze historical questions and place them in historiographical context

## HIST 306 - Nineteenth-Century Europe

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HIST | 306 |

**Teaching Area**
HIST
**Course Title**
Nineteenth-Century Europe
**Course Description**
Political, economic, social, and intellectual history of Europe from 1815 to 1914.
**Department**
History
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Effective Communication | 183274, 3 |

**Learning Outcome**
Students will be able to analyze

## HIST 307 - Europe Since 1914

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HIST | 307 |

**Teaching Area**
HIST
**Course Title**
Europe Since 1914
**Course Description**
International affairs and political and economic history of major European countries (including Russia) from World War I to the present.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Critical Evaluation | 182992, 1 |

**Learning Outcome**
Students will be able to review

Students will be able to analyze, interpret, and debate with their peers in a classroom setting the meanings and historical value of theory, art, media, and primary source texts.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183281, 2 |

**Learning Outcome**
Students will be able to review, critique, and evaluate historiographical works from a variety of European nations, as well as analyze historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Research Literature | 183404, 1 |

**Learning Outcome**
Students will understand how to use and will be able to analyze and interpret primary source documents.

| Title | Tags |
| --- | --- |
| Historical Knowledge of 19th C Europe | 183634, 1 |

**Learning Outcome**
Students will understand and be able to explain and analyze the international affairs and the political, intellectual, social, and economic history of Europe from 1789-1914

Students will be able to review, critique, and evaluate historiographical works.

| Title | Tags |
| --- | --- |
| Effective Discussion | 182993, 3 |

**Learning Outcome**
Students will be able to analyze and discuss current events from more than one national viewpoint.

| Title | Tags |
| --- | --- |
| Historical Knowledge of Europe since 1914 | 183072, 4 |

**Learning Outcome**
Students will understand and be able to explain and analyze the international affairs and the political, cultural, military, social, and economic history of Europe from the two world wars until the present

| Title | Tags |
| --- | --- |
| Critical Analysis | 183260, 4 |

**Learning Outcome**
Students will be able to analyze historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Effective Communication | 183363, 3 |

**Learning Outcome**
Students will be able to analyze, interpret, and debate with their peers in a classroom setting the meanings and historical value of theory, art, media, and primary source texts.

| Title | Tags |
| --- | --- |
| Research Literature | 183440, 1 |

**Learning Outcome**
Students will understand how to use and will be able to analyze and interpret primary source documents.

# HIST 308 - History of the Mediterranean Sea

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
308

**Teaching Area**
HIST

**Course Title**
History of the Mediterranean Sea

**Course Description**
Explores the historiography and political, cultural, economic, and social history of the Mediterranean in the early modern period.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of Mediterranean History

**Tags**
213875, 0, 1, 2023-08-29 09:26:42

**Learning Outcome**
Students will understand and be able to analyze the major political, economic, social, and religious developments in Mediterranean history.

**Title**
Critical Analysis

**Tags**
213876, 0, 2, 2023-08-29 09:26:43

**Learning Outcome**
Students will be able to trace the historiographical evolution of Mediterranean history and analyze historical questions within this historiographical context.

**Title**
Research Methods

**Tags**
213877, 0, 3, 2023-08-29 09:26:45

**Learning Outcome**

# HIST 309 - European Revolutions Since 1500

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
309

**Teaching Area**
HIST

**Course Title**
European Revolutions Since 1500

**Course Description**
Social and political revolutions in European history since 1500. Successful and unsuccessful cases of state breakdown; the Dutch Revolt, English Revolution, French Revolution, Revolution of 1848, and Russian Revolution.

**Department**
History

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knoweldge of European Revolutions

**Tags**
182994, 1

**Learning Outcome**
Students will gain a historical consciousness by demonstrating knowledge about crisis and change in European societies.

**Title**
Critical Analysis

**Tags**
183338, 2

**Learning Outcome**
Students will understand the way evidence is used to construct historical arguments.

**Title**
Collaboration Experience

**Tags**
183423, 3

Students will demonstrate refined historical research, writing and analytical skills

| Title | Tags |
| --- | --- |
| Effective Communication | 213878, 0, 4, 2023-08-29 09:26:46 |

Learning Outcome
Students will demonstrate improved oral presentation skills.

Learning Outcome
Students will gain experience collaborating with each other in formulating and carrying out a research project using historical research skills.

| Title | Tags |
| --- | --- |
| Research Literature | 183430, 1 |

Learning Outcome
Students will acquire the ability to evaluate and analyze historical documents

## HIST 310 - The Automotive Age: History, Technology, Culture, and Environment

### Course Information

**Course Number**
310
**Teaching Area**
HIST
**Course Title**
The Automotive Age: History, Technology, Culture, and Environment
**Course Description**
Explores the most consequential technology of the 20th century, the automobile. Topics may include the car's impacts on economic growth, civic life, human death, pop music, public transit, and non-human nature.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Knowledge of Competing Historiographical Approaches | 213879, 0, 1, 2023-08-29 09:26:50 |

Learning Outcome
Students will describe the most significant global, historical work on the car and be able to place scholarship in various schools of thought or in their particular thematic approaches. They will

## HIST 311 - The History of Film, Radio, and Television

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
311
**Teaching Area**
HIST
**Course Title**
The History of Film, Radio, and Television
**Course Description**
International history of (and through) the major mass media of the 20th Century.
**Department**
History
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Reading primary and secondary sources | 183475, 1 |

become aware of what is known so they can ask questions and engage in research that will not simply reinvent the wheel, so to speak, but contribute to the field's advance.

Title
Creativity and Original Thinking

Tags
213880, 0, 2, 2023-08-29 09:26:52

Learning Outcome
Students will produce an original piece of historical research, using primary sources, to advance our knowledge about the social, technological, environmental, or cultural impacts of the automobile.

Title
Revision and Critique of Arguments

Tags
213881, 0, 3, 2023-08-29 09:26:53

Learning Outcome
Students will be able to effectively critique the strength and weakness of one's own arguments and do the same with generosity and constructive intent toward fellow students and scholars.

Title
Interdisciplinary Skills

Tags
213882, 0, 4, 2023-08-29 09:26:55

Learning Outcome
As the automobile's impact is so broad, students will develop interdisciplinary, synthetic, thinking skills, noting in readings, discussions, and their writings how technology, society, politics, art, and nature intersect and shape one another.

Title
Deeply Seeing the Mundane and Imagining Alternatives

Tags
213883, 0, 5, 2023-08-29 09:26:56

Learning Outcome
In the last century, the automobile and its infrastructure have become ubiquitous and hence almost invisible. Students will utilize this invisible ubiquity to demonstrate the power to see, analyze and deconstruct the world as it is, its hidden assumptions, and think radically about alternative presents and

Learning Outcome
Critically read primary and secondary sources and analyze these sources in course assessments.

Title
Historical understanding of events in film, radio, and television history

Tags
183476, 2

Learning Outcome
Demonstrate a deeper historical understanding of the most important events in film, radio, and television history.

Title
Analysis of media products from a historical and contextual perspective

Tags
183477, 3

Learning Outcome
Analyze media products from a historical and contextual perspective.

Title
Effective historical writing

Tags
183478, 4

Learning Outcome
Craft a well-written, coherent research paper drawing upon a variety of sources and containing a clear thesis statement.

futures.

## HIST 312 - History of Ideas

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
312

**Teaching Area**
HIST

**Course Title**
History of Ideas

**Course Description**
Interrelationship of influential ideas and historical events from the end of the eighteenth century to the present.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Trace Influence of Ideas

**Tags**
182996, 1

**Learning Outcome**
Relate and trace how ideas continue to influence societies and their institutions

**Title**
Historical Knowledge of Approaches to Intellectual History

**Tags**
182997, 2

**Learning Outcome**
Identify broadly how different approaches to intellectual history operate, e.g. Lovejoy, Cambridge School (Skinner), Berlin, Koselleck, Strauss, etc.

## HIST 313 - Strategy in Peace and War

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
313

**Teaching Area**
HIST

**Course Title**
Strategy in Peace and War

**Course Description**
The modern evolution and contemporary development of grand strategies in peace and war, connecting success or failure with unintended consequences. Historical case studies extend from the Thirty Years' War to the Global War on Terrorism.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Hist 200, 201, 202

**Title**
Historical knowledge of theories of diplomacy and warfare

**Tags**
183506, 1

**Learning Outcome**
Students will understand and be able to explain and analyze the forms, politics, theories, and legacy of diplomacy and warfare.

**Title**
Analysis of primary and secondary source texts

**Tags**
183507, 2

**Learning Outcome**

| Title | Tags |
| --- | --- |
| Recognize the Development of Modern Thought | 183074, 3 |

**Learning Outcome**
Awaken in you the realization of how certain modes of modern thought that you might have taken for granted as having existed "forever" can be seen as developments in response to specific historical circumstances.

| Title | Tags |
| --- | --- |
| Conflict Resolution | 183220, 4 |

**Learning Outcome**
Explain how ideas, when extended to their logical conclusions, may challenge your personal world view and consider, as well as articulate, how to resolve such conflicts.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183322, 5 |

**Learning Outcome**
Write an intellectual history research paper.

| Title | Tags |
| --- | --- |
| Recognize Historical Periodization | 183370, 0 |

**Learning Outcome**
Recognize the usefulness, but also the problematic nature of historical periodization.

| Title | Tags |
| --- | --- |
| Develop Interdsciplinary Thinking Skills | 183422, 1 |

**Learning Outcome**
Develop interdisciplinary, synthetic, thinking skills, particularly in being able to see history in cultural artifacts and then identify and place these into discursive contexts.

Students will understand how to use and will be able to analyze and interpret primary source documents and secondary historiographical works.

| Title | Tags |
| --- | --- |
| Historical value | 183508, 3 |

**Learning Outcome**
Students will be able to analyze, interpret, and devate with their peers in a classroom setting the meanings and historical value of theory, primary source texts, agency, and historical context.

| Title | Tags |
| --- | --- |
| Historiography | 183509, 4 |

**Learning Outcome**
Students will be able to analyze historical questions and place them in a historiographical context.

## HIST 314 - Fascism and Nazism in Europe,

## HIST 315 - European Jews and the

## 1914-present

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
314

**Teaching Area**
HIST

**Course Title**
Fascism and Nazism in Europe, 1914-present

**Course Description**
Political, cultural, and social bases of fascist movements, especially in Italy, Germany, and Spain. Rise to power, family policies, warfare, propaganda, racism, genocide, neofascisms.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of European Fascisms

**Tags**
182998, 1

**Learning Outcome**
Students will understand and be able to explain and analyze the origins, impacts, foreign policy, theories, and legacy of Fascism, Nazism, and other competing political ideologies

**Title**
Critical Interpretation

**Tags**
183263, 2

**Learning Outcome**
Students will understand how to research and write.

**Title**
Effective Communication

**Tags**
183344, 3

**Learning Outcome**

## Holocaust

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
315

**Teaching Area**
HIST

**Course Title**
European Jews and the Holocaust

**Course Description**
Attempted genocide of European Jews by Hitler's Third Reich; motives, methods, and implications.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of Genocide of European Jews

**Tags**
182999, 1

**Learning Outcome**
Study the genocide of European Jews by Hitler's Third Reich and to explore the motives, methods, and implications of this, as well as the fundamental questions thrown into relief by it.

**Title**
Analytical Writing

**Tags**
183233, 3

**Learning Outcome**
Skillfully integrate data into coherent arguments expressed through a clear, well-written style in exams, papers, and class discussion.

**Title**
Critical Analysis

**Tags**
183201, 2

Students will be able to analyze, interpret, and debate with their peers in a classroom setting the meanings and historical value of theory, art, media, and primary source texts

| Title | Tags |
| --- | --- |
| Critical Analysis | 183371, 4 |

**Learning Outcome**
Students will be able to analyze historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Research Literature | 183454, 1 |

**Learning Outcome**
Students will understand how to use and will be able to analyze and interpret primary source documents and secondary historiographical works.

| Critical Analysis | 183301, 2 |
| --- | --- |

**Learning Outcome**
Foster specific skills of critical thinking, argumentative and narrative writing, as well as careful reading. Analyze historical questions and issues clearly, assess historical information accurately and distinguish between questionable and valid historical assertions.

| Title | Tags |
| --- | --- |
| Research Literature | 183343, 1 |

**Learning Outcome**
Analyze key issues that informed the Holocaust, the context and processees related to it, and to engage with the debates ignited by its legacy. Further develop proficiency in using the historical method of research effectively by skillfully and honestly using primary and secondary sources.

## HIST 317 - Terrorism and Counterterrorism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 317 |

**Teaching Area**
HIST
**Course Title**
Terrorism and Counterterrorism
**Course Description**
Current world affairs, with a focus on the conflict between terrorists and the elements of diplomacy, civil policy, and military power. Focus on policy debates and historical case studies, studying both the aspects of terrorism and counterterrorism. Exploration of the political culture of terrorism, including rational and irrational aspects, and the successful and unsuccessful attempts to combat terrorism.\n
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## HIST 318 - European Women's History

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 318 |

**Teaching Area**
HIST
**Course Title**
European Women's History
**Course Description**
European women and gender from 1400 to the present.
**Department**
History
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

Fixed
3

## Lab Hours

Fixed
0

## Lab Hours

Fixed
0

Recommended
Hist 200

| Title | Tags |
| --- | --- |
| Historical Knowledge of European Women since 1400 | 182941, 1 |

Learning Outcome
Students will be able to understand and explain major trends in European women's experiences and history since 1400

| Title | Tags |
| --- | --- |
| Critical Interpretation | 182942, 2 |

Learning Outcome
Students will interpret important shifts or trends in the experience of women and attitudes about gender. Students will apply this understanding to the legal, religious, and culture contexts for those shifts or trends

| Title | Tags |
| --- | --- |
| Critical Analysis | 182943, 3 |

Learning Outcome
Working in tandem with each other students will have opportunities to question, investigate, and interrogate contemporary attitudes to women and men's history and gender and how these affect interpretations of the past.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 183308, 2 |

Learning Outcome
Students will read, analyze, and write about primary and secondary sources and explain their connections to one another

| Title | Tags |
| --- | --- |
| Research Historiography | 183323, 1 |

Learning Outcome
Students will be able to analyze and synthesize historiographyof women’s history, gender history,

and feminism

## HIST 319 - The Family in Europe

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
319

**Teaching Area**
HIST

**Course Title**
The Family in Europe

**Course Description**
Nature and development of marriage and family life and structure from the ancient to modern era.

**Department**
History

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Independent Study also.

**Title**
Historical Knowledge of European Family Life

**Tags**
182944, 1

**Learning Outcome**
Students will be able to understand and explain major trends in European family life, relationships, and law between 1100 and the present

**Title**
Research Historiography

**Tags**
182945, 2

**Learning Outcome**
Students will be able to analyze and synthesize historiography of

## HIST 322 - Pre-Modern Britain

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
322

**Teaching Area**
HIST

**Course Title**
Pre-Modern Britain

**Course Description**
Political, economic, social, and religious developments in pre-modern Britain.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Critical Analysis

**Tags**
182950, 2

**Learning Outcome**
Students will be able to analyze historical questions and place them in a historiographical context.

**Title**
Critical Communication

**Tags**
183330, 2

**Learning Outcome**
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

family history

| Title | Tags |
| --- | --- |
| Critical Interpretation | 182946, 3 |

**Learning Outcome**
Students will interpret important shifts or trends in the experience of family functions and relationships and their connections with the law. Students will apply this understanding to the legal, religious, and culture contexts for those shifts or trends.

| Title | Tags |
| --- | --- |
| Critical Analysis | 182947, 4 |

**Learning Outcome**
Working in tandem with each other students will have opportunities to question, investigate, and interrogate historical experiences and historiographic interpretations

| Title | Tags |
| --- | --- |
| Effective Research | 183409, 2 |

**Learning Outcome**
Students will read, analyze, and write about primary and secondary sources and explain their connections to one another.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183568, 1 |

**Learning Outcome**
Students will be able to explain and analyze the major political, economic, social, and religious developments in Britain up to the early modern period.

| Title | Tags |
| --- | --- |
| Research Literature | 183569, 1 |

**Learning Outcome**
Students will be able to analyze and interpret primary source documents dealing with pre-modern Britain.

## HIST 323 - Modern Britain

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
323
**Teaching Area**
HIST
**Course Title**
Modern Britain
**Course Description**
Political, economic, social, and religious developments in England, Scotland, and Wales during the modern era, focusing on Atlantic connections and British imperialism
**Department**
History
**When Taught**
Contact Department

### Credit Hours

## HIST 324 - France

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
324
**Teaching Area**
HIST
**Course Title**
France
**Course Description**
French history from Roman times to the present, emphasizing the French Revolution, Napoleon, and subsequent developments.
**Department**
History
**When Taught**
Winter

### Credit Hours

**Min**

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Critical Analysis | 182951, 2 |

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Critical Communication | 183328, 2 |

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183570, 1 |

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments in Modern Britain.

| Title | Tags |
| --- | --- |
| Research Literature | 183571, 1 |

Learning Outcome
Students will be able to analyze and interpret primary source documents dealing with Modern Britain.

## HIST 325 - Spain

3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Critical Interpretation | 183001, 1 |

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183002, 2 |

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Historical Knowledge of France 700-1950 | 183075, 3 |

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments in French history between approximately 700 and 1950.

| Title | Tags |
| --- | --- |
| Research Literature | 183266, 1 |

Learning Outcome
Students will be able to analyze and interpret primary source documents.

## HIST 326 - The History of Mexico

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
325

**Teaching Area**
HIST

**Course Title**
Spain

**Course Description**
Political, social, and economic factors in Spanish history from Roman times to present. Emphasis on Reconquest, Golden Age, and Civil War.

**Department**
History

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Critical Analysis

**Tags**
183003, 1

**Learning Outcome**
Students will analyze historical questions and place them in historiographical context.

**Title**
Historical Knowledge of Spain

**Tags**
183076, 2

**Learning Outcome**
Students will be able to explain and analyze the major political, economic, social, intellectual, and cultural developments in Spain from Roman times to the late twentieth century

**Title**
Effective Communication

**Tags**
183304, 2

**Learning Outcome**
Students will gain experience in historical research and improve

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
326

**Teaching Area**
HIST

**Course Title**
The History of Mexico

**Course Description**
The historical evolution of Mexico including pre-Colombian civilizations, the Spanish conquest, the colonial era, national formation, and the modern Mexican state. The impact of foreign relations on Mexican society.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of Mexico (Pre-Colombian-National Era)

**Tags**
183004, 1

**Learning Outcome**
Students will gain an understanding of the challenges Mexico faced during the transitions from pre-Colomiban empires to the colonial period, as well as from the colonial period to the national era.

**Title**
Historical Knowledge of Mexico (20th century)

**Tags**
183005, 2

**Learning Outcome**
Students will gain an understanding of the principle factors that created and transformed modern Mexican society, principally the Porfiriato, the Mexican Revolution, and the

writing skills.

| Title | Tags |
| --- | --- |
| Research Literature | 183425, 1 |

**Learning Outcome**
Students will be able to analyze and interpret primary source documents.

modern Mexican state structure (twentieth century).

| Title | Tags |
| --- | --- |
| Analytical Writing | 183268, 3 |

**Learning Outcome**
Students will explore the scholarship and sources for a single issue in Mexican history, producing a research paper based on primary and secondary sources

| Title | Tags |
| --- | --- |
| Research Literature | 183352, 2 |

**Learning Outcome**
By way of supplementary readings and writing assignments, students will gain a stronger understanding of the social andcultural issues in Mexican history that have been shaped by the nation's unique political and economic conditions.

| Title | Tags |
| --- | --- |
| Critical Debates | 183353, 4 |

**Learning Outcome**
Students will develop oral proficiency in debating controversialhistorical and contemporary issues during class discussion, including debates on decisive factors in the Spanish conquest, immigration, and bi-national solutions to drug trafficking.

## HIST 327 - Italy in the Modern World Since 1848

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 327 |

**Teaching Area**
HIST
**Course Title**
Italy in the Modern World Since 1848
**Course Description**
Political, social, economic, and cultural history of Italians and the Italian peninsula in Europe and the world, including nationalism, church and state, migration, Mafia, fascism, and European union.
**Department**

## HIST 328 - Modern Germany

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 328 |

**Teaching Area**
HIST
**Course Title**
Modern Germany
**Course Description**
Political, military, societal and cultural development of Germany from the late eighteenth century until the present.
**Department**
History
**When Taught**

History
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Historical Knowledge of Italy since 1848

Tags
183006, 1

Learning Outcome
Students will understand and be able to explain and analyze contemporary Italian history, including themes of economic development, state formation, fascism, internationalism, and church/state relations.

Title
Critical Analysis

Tags
183270, 4

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Research Literature

Tags
183339, 1

Learning Outcome
Students will understand and will be able to analyze and interpret primary source documents and secondary historiographical works.

Title
Critical Interpretation

Tags
183342, 2

Learning Outcome

Winter Even Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Historical Knowledge of Modern Germany

Tags
183007, 1

Learning Outcome
Understand how historians interpret the German past.

Title
Critical Interpretation

Tags
183265, 5

Learning Outcome
Demonstrate your ability to use primary sources in a research project.

Title
Analytical Writing

Tags
183285, 4

Learning Outcome
Show essay skills by writing timed essays on a set of primary and secondary sources.

Title
Research Interdisciplinary Sources

Tags
183335, 3

Learning Outcome
Synthesize material from interdisciplinary sources.

Title
Critical Analysis

Tags
183375, 1

Learning Outcome

Learning Outcome
Students will understand how to research and write.

| Title | Tags |
| --- | --- |
| Effective Communication | 183359, 3 |

Learning Outcome
Students will be able to analyze, interpret, and debate with their peers in a classroom setting the meanings and historical value of theory, art, media, and primary source texts.

| Title | Tags |
| --- | --- |
| Presentations | 183397, 5 |

Learning Outcome
Students will be able to present a topic and argument in class with multimedia and discussion

Alert you to how historians construct their narratives.

| Title | Tags |
| --- | --- |
| Research Literature | 183382, 2 |

Learning Outcome
Read and dismantle primary and secondary sources.

## HIST 329 - The City in Brazil: An Urban History

### Course Information

Teaching Area (new)
HIST
Course Number
329
Teaching Area
HIST
Course Title
The City in Brazil: An Urban History
Course Description
Brazil's urban history from 1550 to the present, with Rio de Janeiro, Curitiba, Manaus, and Brasilia as cases. Topics will include urban theory, design, ecology, cultural spaces (beaches, festivals), slavery, housing, poverty, crime, and transit.
Department
History
When Taught
Fall Even Years

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

## HIST 330 - The Russian Empire Under the Romanovs

### Course Information

Teaching Area (new)
HIST
Course Number
330
Teaching Area
HIST
Course Title
The Russian Empire Under the Romanovs
Course Description
Political, economic, social, and cultural trends and events in Russian history to 1917.
Department
History
When Taught
Fall Even Years

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

**Lab Hours**

Fixed
0

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183643, 1 |

Learning Outcome
Students will become familiar with the major political, social, cultural, and economic aspects of pre-revolutionary Russia. They will also explore and analyze such concepts as autocracy, Westernization, and empire.

| Title | Tags |
| --- | --- |
| Historical Analysis | 183644, 2 |

Learning Outcome
Students will develop the ability to pose historical questions and answer those questions through a variety of analytical lenses. They will also learn how to establish connections between events, movements, and ideas for the time period covered in the course and to apply their knowledge of history to the world around them.

| Title | Tags |
| --- | --- |
| Effective Historical Research | 183645, 3 |

Learning Outcome
Students will improve their analytical skills by finding and interrogating various primary and secondary sources and placing them within broad historical narratives.

| Title | Tags |
| --- | --- |
| Effective Communication | 183646, 4 |

Learning Outcome
Students will learn how to craft plausible historical arguments and convey their arguments and evidence through a clear and succinct writing style.

## HIST 331 - Soviet Union and Post-Soviet Russia.

## HIST 332 - Scandinavian History

### Course Information

Teaching Area (new) Course Number

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
331

**Teaching Area**
HIST

**Course Title**
Soviet Union and Post-Soviet Russia.

**Course Description**
History of the Soviet Union and post-Soviet developments in Russia and other successor states; governing structures and ideology and the relationship between state and society.

**Department**
History

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Historical Knowledge

**Tags**
183647, 1

**Learning Outcome**
Students will become familiar with the major political, social, cultural, and economic aspects of the Soviet Union and the post-Soviet successor states. They will also explore and analyze such concepts as ideology, totalitarianism, and socialism.

**Title**
Historical Analysis

**Tags**
183648, 2

**Learning Outcome**
Students will develop the ability to pose historical questions and answer those questions through a variety of analytical lenses. They will also learn how to establish connections between

**Teaching Area (new)**
HIST

**Course Number**
332

**Teaching Area**
HIST

**Course Title**
Scandinavian History

**Course Description**
Political, social, religious, cultural, and economic factors in Denmark, Finland, Iceland, Norway, and Sweden from Viking era to present highly developed society.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of Scandinavia throgh early 1700s

**Tags**
183008, 1

**Learning Outcome**
Students will be able to learn about Scandinavian history from prehistoric times through to the Viking Age, Middle Ages/Renaissance to the Era of Swedish Great Power Politics and Great Northern War, in the 1600s and early 1700s.

**Title**
Historical Knowledge of Scandinavia since Napoleonic Wars

**Tags**
183009, 2

**Learning Outcome**
Students will be able to learn about the big picture of Scandinavian history from the period of the Napoleonic Wars (esp. Napoleon's erstwhile general, Bernadotte, later King of Sweden-Norway), Industrialization of the North,

events, movements, and ideas for the time period covered in the course and to apply their knowledge of history to the world around them.

| Title | Tags |
| --- | --- |
| Effective Historical Research | 183649, 3 |

**Learning Outcome**
Students will improve their analytical skills by interrogating and integrating various primary and secondary sources and placing them within broad historical narratives.

| Title | Tags |
| --- | --- |
| Effective Communication | 183650, 4 |

**Learning Outcome**
Students will learn how to craft plausible historical arguments and convey their arguments and evidence through a clear and succinct writing style.

nationalistic movements and periods of Swedish-Norwegian and russo-Finnish union, through the World Wars and establishment of the Modern Welfare state (since the 1920s)

## HIST 333 - History of the Ottoman Empire

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 333 |

**Teaching Area**
HIST
**Course Title**
History of the Ottoman Empire
**Course Description**
Examining historiography and key political, cultural, economic, environmental, and social developments in the Ottoman Empire 1300-1923. Emphasizing the impact of identity in a multi-national, multi-ethnic, multi-religious, geographically and linguistically diverse state.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## HIST 334 - History of Ancient Iraq

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 334 |

**Teaching Area**
HIST
**Course Title**
History of Ancient Iraq
**Course Description**
Examining the social and economic aspects of the rise of cities, inter-regional trade, political exchange, and imperialism in ancient Mesopotamia using primary and secondary sources. Topics include agriculture in Babylon, cities in Mesopotamia, royal courts, Assyrian trade and markets, family and kin.
**Department**
History
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of Ancient Iraq

**Tags**
183077, 1

**Learning Outcome**
Gain a historical consciousness of social and economic institutions and developments in ancient Iraq.

**Title**
Critical Analysis

**Tags**
183247, 1

**Learning Outcome**
Develop an ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions.

**Title**
Effective Communication

**Tags**
183254, 3

**Learning Outcome**
Skillfully integrate evidence into a coherent argument or narrative expressed through a clear, well-written style and through oral communication.

**Title**
Research Literature

**Tags**
183267, 2

**Learning Outcome**
Develop use of the historical method of research effectively by skillfully and honestly using primary and secondary sources.

## HIST 335 - Crusades

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
335

## HIST 336 - South African Liberation Movements

### Course Information

**Teaching Area (new)**

**Course Number**

**Teaching Area**
HIST
**Course Title**
Crusades
**Course Description**
Age of Holy Wars in the eastern Mediterranean and Near East, 1050-1300. Focus on both Europe and Near East.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Historical Knowledge of Crusades | 183010, 1 |

**Learning Outcome**
Students will be able to explain and analyze the major political, economic, social, cultural and religious developments during the crusades, c. AD 1050-1300

| Title | Tags |
|---|---|
| Research Methods | 183312, 1 |

**Learning Outcome**
Students will be able to analyze and interpret translations of primary source documents from the age of the Crusades.

| Title | Tags |
|---|---|
| Critical Analysis | 183369, 2 |

**Learning Outcome**
Students will be able to analyze historical questions and place them in a historiographical context.

HIST 336
**Teaching Area**
HIST
**Course Title**
South African Liberation Movements
**Course Description**
Reading and discussion on the history of the struggle for human rights in South Africa, particularly during the time of apartheid (1948-1990).
**Department**
History
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Historical knowledge of South African liberation movements | 183470, 1 |

**Learning Outcome**
Students will gain a greater knowledge of major events, key participants, and developments in the history of South African liberation movement history and modern South African history through course lectures and readings.

| Title | Tags |
|---|---|
| Understanding of major questions and themes | 183471, 2 |

**Learning Outcome**
Students will improve their understanding of major questions and themes in the construction of South African liberation movement history through course readings, in-class discussions, and the historiographical aspect of the term paper.

| Title | Tags |
| --- | --- |
| Evaluation of primary sources | 183472, 3 |

**Learning Outcome**
Students will develop a greater ability to evaluate primary sources and historical arguments through weekly source analysis assignments, in-class discussions, and the source analysis aspect of the term paper.

| Title | Tags |
| --- | --- |
| Effective historical writing | 183473, 4 |

**Learning Outcome**
Students will improve their ability to write clearly and organize evidence to build an argument through weekly analysis papers and the final term paper.

| Title | Tags |
| --- | --- |
| Self-examination through studies of race and resistance | 183474, 5 |

**Learning Outcome**
Students will consider the way they interact with people within their own society and throughout the world by dealing with questions about race, domination, identity, and resistance.

## HIST 337 - Pre-modern Korea

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
337
**Teaching Area**
HIST
**Course Title**
Pre-modern Korea
**Course Description**
Political, economic, and social history of Korea from antiquity to 1850.
**Department**
History
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

## HIST 338 - Modern Korea

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
338
**Teaching Area**
HIST
**Course Title**
Modern Korea
**Course Description**
Political, economic, and social history of Korea from 1850 to the present.
**Department**
History
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Korea | 183078, 1 |

Learning Outcome
An understanding of the major features of Korean history and culture both in breadth and in depth.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183231, 1 |

Learning Outcome
An understanding of Korean history contextualized both within the framework of Korean history and in relationship to other histories and other constructions of history.

| Title | Tags |
| --- | --- |
| Effective Communication | 183441, 2 |

Learning Outcome
The ability to think and write about issues in Korean history in a critical and compelling manner.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Korea 1850 to Present | 183079, 1 |

Learning Outcome
Students will be able to describe the most significant aspects of the polity, economy, society and ideology of Korea from 1850 to the present.

| Title | Tags |
| --- | --- |
| Research Methods | 183278, 3 |

Learning Outcome
Students will be able to conduct individual research and situate it in the broader historical context

| Title | Tags |
| --- | --- |
| Critical Analysis | 183416, 1 |

Learning Outcome
Students will be able to recognize and analyze change over time in East Asia

| Title | Tags |
| --- | --- |
| Research Literature | 183419, 2 |

Learning Outcome
Students will be able to evaluate and apply primary source texts to broad historical themes

## HIST 339 - African Social Change

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 339 |

## HIST 340 - Traditional China

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 340 |

HIST 339
**Teaching Area**
HIST
**Course Title**
African Social Change
**Course Description**
Themes and questions in African social history throughout various periods, including women, youth, religion, health, and cross-cultural interactions.
**Department**
History
**When Taught**
Winter Even Years

### Credit Hours
**Min**
3
**Fixed**
3

### Lecture Hours
**Fixed**
3

### Lab Hours
**Fixed**
0

**Title**
Evaluation of historical arguments
**Tags**
183510, 1
**Learning Outcome**
Skillfully read and evaluate historical arguments.

**Title**
Historical writing and argumentation
**Tags**
183511, 2
**Learning Outcome**
Improve the ability to write clearly and organize evidence to build an argument.

**Title**
Historical knowledge of African social history
**Tags**
183512, 3
**Learning Outcome**
Understand major developments and questions in African social history.

HIST 340
**Teaching Area**
HIST
**Course Title**
Traditional China
**Course Description**
From a loose federation of Neolithic societies, Chinese civilization emerges as East Asia's dominant political and cultural force; developments to ca. 1500.
**Department**
History
**When Taught**
Contact Department

### Credit Hours
**Min**
3
**Fixed**
3

### Lecture Hours
**Fixed**
3

### Lab Hours
**Fixed**
0

**Title**
Geographical Knowledge of China
**Tags**
183011, 2
**Learning Outcome**
Students will demonstrate a basic geographical knowledge of China, including significant geological features and major historical cities Moreover, they will be able to discuss how geographical and environmental realities have impacted historical development.

**Title**
Research Literature
**Tags**
183224, 2
**Learning Outcome**
Students will be able to analyze and interpret primary source documents, both in writing and in class discussions

**Title**
Critical Analysis
**Tags**
183243, 3
**Learning Outcome**

Title
Historical knowledge of African cultures and peoples

Tags
183513, 4

Learning Outcome
Obtain a historical understanding of African cultures and peoples.

Title
Cultural sensitivity

Tags
183514, 5

Learning Outcome
Display sensitivity to cultural difference and navigate cross-cultural interactions.

Learning Outcome
Students ability to identify arguments (assertions, claims, theses) and analyze supporting evidence in secondary scholarship should improve.

## HIST 341 - China Since 1200

### Course Information

Teaching Area (new)
HIST

Course Number
341

Teaching Area
HIST

Course Title
China Since 1200

Course Description
Economic and political foundations of modernity during high Imperial China; challenge of new order from the West; rise of Chinese nationalism, revolution, and development to the present.

Department
History

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Historical Knowledge of China, 1200-present

Tags
183012, 1

## HIST 342 - The Mongol Empire in World History

### Course Information

Teaching Area (new)
HIST

Course Number
342

Teaching Area
HIST

Course Title
The Mongol Empire in World History

Course Description
Impacts of Mongol conquests on state formation and trade networks across Eurasia. Examines the historiography and legacy of these conquests.

Department
History

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Learning Outcome
Students will be able to describe the most significant aspects of the polity, economy, society and ideology of China from 1200 to the present.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183061, 1 |

Learning Outcome
Students will be able to recognize and analyze change over time in China.

| Title | Tags |
| --- | --- |
| Research Methods | 183261, 3 |

Learning Outcome
Students will be able to conduct individual research and situate it in the broader historical context

| Title | Tags |
| --- | --- |
| Research Literature | 183446, 2 |

Learning Outcome
Students will be able to evaluate and apply primary source texts to broad historical themes

## HIST 343 - Early Japan: Shinto and Samurai, Courtiers and Courtesans

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 343 |

**Teaching Area**
HIST
**Course Title**
Early Japan: Shinto and Samurai, Courtiers and Courtesans
**Course Description**
Political, social, religious, and cultural developments to ca. 1850.
**Department**
History
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

## HIST 344 - Modern Japan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 344 |

**Teaching Area**
HIST
**Course Title**
Modern Japan
**Course Description**
Main themes in Japanese history from the early 19th century to the present.
**Department**
History
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Research Literature | 183360, 1 |

Learning Outcome
Students will be able to analyze and interpret primary source documents.

| Title | Tags |
| --- | --- |
| Critical Interpretation | 183381, 2 |

Learning Outcome
Students will be able to interpret and discuss the meanings and historical and historiographical value of primary and secondary source texts.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183387, 3 |

Learning Outcome
Students will be able to analyze historical arguments and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Historical Knowledge of Japan before 1850 | 183674, 1 |

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and cultural developments in Japanese history until around 1850.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Research Literature | 183362, 1 |

Learning Outcome
Students will be able to analyze and interpret primary source documents.

| Title | Tags |
| --- | --- |
| Critical Interpretation | 183379, 2 |

Learning Outcome
Students will be able to interpret and discuss the meanings and historical and historiographical value of primary and secondary source texts.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183406, 3 |

Learning Outcome
Students will be able to analyze historical arguments and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Historical Knowledge of Japan from the early 19th century to the present | 183673, 1 |

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and cultural developments in Japanese history from the early 19th century to the present.

## HIST 345 - Islam in Africa

### Course Information

## HIST 347 - Chinese Cultural History

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
345
**Teaching Area**
HIST
**Course Title**
Islam in Africa
**Course Description**
This course focuses on how Muslim Africans navigated interfaith relationships in religiously plural societies.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Teaching Area (new)**
HIST
**Course Number**
347
**Teaching Area**
HIST
**Course Title**
Chinese Cultural History
**Course Description**
Methods and approaches of the cultural historian; in-depth investigation of a selected topic in Chinese cultural history. Topics may include women, Silk Roads, material culture, etc.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Chinese Cultural History
**Tags**
183013, 1
**Learning Outcome**
Students will be able to explain and understand the methods and approaches of the cultural historian through an investigation of select topics in Chinese cultural history.

**Title**
Research Literature
**Tags**
183284, 1
**Learning Outcome**
Students will be able to analyze and interpret primary source documents, both in writing and in class discussions

**Title**
Critical Analysis
**Tags**
183436, 2
**Learning Outcome**
Students ability to identify arguments (assertions, claims,

theses) and analyze supporting evidence in secondary scholarship should improve

## HIST 348 - Modern South East Asia

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
348

**Teaching Area**
HIST

**Course Title**
Modern South East Asia

**Course Description**
Complex history of the varied nations of this vast area: religion, colonialism, nationalism, independence.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Historical Knowledge | 183014, 1 |

**Learning Outcome**
Gain a historical consciousness by demonstrating a knowledge of major developments in South East Asia and world history and understand key historical terms and theories.

| Title | Tags |
|---|---|
| Effective Communication | 183283, 2 |

**Learning Outcome**
Skillfully integrate data into a coherent argument expressed

## HIST 349 - History of Asian Religions and Thought

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
349

**Teaching Area**
HIST

**Course Title**
History of Asian Religions and Thought

**Course Description**
Major themes in religion, philosophy, and ideas in Asia.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Chinese Thought and Religion | 183015, 1 |

**Learning Outcome**
Students will be able to understand and analyze key concepts in Chinese thought and religion as well as the logic behind core beliefs and practices

| Title | Tags |
|---|---|
| Research Literature | 183331, 1 |

**Learning Outcome**
Students will be able to analyze and interpret primary source documents, both in writing and

through a clear, well-written style and through oral communication.

| Title | Tags |
| --- | --- |
| Research Literature | 183384, 1 |

**Learning Outcome**
Acquire the ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions by using the historical method of research effectively by skillfully and honestly using primary and secondary sources.

in class discussions.

## HIST 350 - English Language Paleography

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
350

**Teaching Area**
HIST

**Course Title**
English Language Paleography

**Course Description**
Reading and interpretation of post-1500 handwriting within historical contexts, in vernacular scripts of the English-speaking world, in sources useful in family, local, and social history research.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## HIST 351 - German Language Paleography

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
351

**Teaching Area**
HIST

**Course Title**
German Language Paleography

**Course Description**
Reading and interpretation of post-1500 handwriting within historical contexts, in vernacular scripts used in German-speaking world, in sources useful in family, local, and social history research.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## HIST 352 - Scandinavian Languages Paleography

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
352

**Teaching Area**
HIST

**Course Title**
Scandinavian Languages Paleography

**Course Description**
Reading and interpretation of post-1500 handwriting within historical contexts, in vernacular scripts of Scandinavian languages, in sources useful in family, local, and social history research.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## HIST 353 - Romance Languages Paleography

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
353

**Teaching Area**
HIST

**Course Title**
Romance Languages Paleography

**Course Description**
Reading and interpretation of post-1500 handwriting within historical contexts, in vernacular scripts of Romance languages, in sources useful in family, local, and social history research.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## HIST 354 - Russian Language Paleography

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
354

**Teaching Area**
HIST

**Course Title**
Russian Language Paleography

**Course Description**
Reading and interpretation of post-1500 handwriting within historical contexts, in vernacular scripts of Russian in sources useful in family, local, and social history research.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

## HIST 355 - History of Argentina

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
355

**Teaching Area**
HIST

**Course Title**
History of Argentina

**Course Description**
Rise of modern Argentina from colonial times, focusing on the dynamic political, economic, social, and cultural developments since independence.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

Credit Hours

Min
3

Fixed
3

Lecture Hours

Fixed
3

Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Paleography and Language | 183495, 0, 1 |

Learning Outcome

Students will deepen their skills in reading old handwriting in Russian through instruction and practice in paleography techniques and Russian language concepts and vocabulary.

| Title | Tags |
| --- | --- |
| Research Sources | 183496, 0, 2 |

Learning Outcome

Students will develop greater skill in recognizing and using family history sources in the Russian language through extensive practice transcribing, transliterating, translating, and analyzing original sources.

| Title | Tags |
| --- | --- |
| Research Methods | 183497, 0, 3 |

Learning Outcome

Students will be able to apply paleography techniques with understanding of historical, geographic, linguistic, and other contexts to strengthen their skills in analysis and making sound conclusions.

Credit Hours

Min
3

Fixed
3

Lecture Hours

Fixed
3

Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Argentina | 183022, 1 |

Learning Outcome
Learn and understand more about the historical processes that have shaped the nation of Argentina from colonial times up to the present.

| Title | Tags |
| --- | --- |
| Effective Communication | 183309, 1 |

Learning Outcome
To be able to discuss and explain those processes through the written and spoken word with clarity, persuasiveness, and proper use of evidence

| Title | Tags |
| --- | --- |
| Effective Writing | 183439, 2 |

Learning Outcome
To write a well written, organized, and developed term paper using the critical thinking and writing skills of a historian

| Title | Tags |
| --- | --- |
| Research Literature | 183443, 3 |

Learning Outcome
To be able to read primary sources and discuss their utility in constructing historical arguments.

## HIST 356 - Brazil

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
356

**Teaching Area**
HIST

**Course Title**
Brazil

**Course Description**
From 1500 to present, emphasizing relationship between colonial patterns and twentieth-century reality and dilatory transformation of Brazil's political and economic culture.

**Department**
History

**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of Brazil's history since 1500

**Tags**
183023, 1

**Learning Outcome**
Students will become academically conversant in the major social, economic, and cultural developments of Brazil's history since 1500.

**Title**
Historical Writing

**Tags**
183249, 4

**Learning Outcome**
Students will be able to write history that is coherent and persuasive by following discipline's norms for writing and careful documentation.

## HIST 357 - The Indian in Latin American History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
357

**Teaching Area**
HIST

**Course Title**
The Indian in Latin American History

**Course Description**
History of Latin American Indians from preconquest days to the present; achievements, contributions, and problems.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of Mayas, Aztecs and Incas

**Tags**
183024, 1

**Learning Outcome**
Students will be able to explain and analyze the political, economic, social, religious, and cultural structures of the Mayas, Aztecs, and Incas, how they were transformed by the Spanish conquest, and how they developed in reaction to European colonialism.

**Title**
Critical Analysis

**Tags**
183241, 3

**Learning Outcome**
Students will analyze historical questions and place them in historiographical context

historiographical context.

| Title | Tags |
| --- | --- |
| Historical Research | 183368, 3 |

**Learning Outcome**
Students will be able to formulate original historical questions and answer them by careful and systematic research in primary and secondary sources.

| Title | Tags |
| --- | --- |
| Historical Analysis | 183432, 2 |

**Learning Outcome**
Students will be able to analyze and evaluate the content and meaning of primary sources, and through critical interpretation, draw reasonable conclusions.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183311, 2 |

**Learning Outcome**
Students will gain experience in historical research and improve writing skills.

| Title | Tags |
| --- | --- |
| Research Literature | 183386, 1 |

**Learning Outcome**
Students will be able to analyze and interpret primary source documents.

## HIST 358 - Gender and History in Latin America

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 358 |

**Teaching Area**
HIST
**Course Title**
Gender and History in Latin America
**Course Description**
How gender roles have been defined legally, socially, and culturally in Latin America from the colonial period to the present, emphasizing the nineteenth and twentieth centuries.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## HIST 359 - Inter-American Relations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 359 |

**Teaching Area**
HIST
**Course Title**
Inter-American Relations
**Course Description**
Decline of Europe's American empires, legacies bequeathed to the new republics by their European heritage, and how those legacies have affected relations among the various American republics.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

Fixed
0

Title
Historical Knowledge of Gender Issues in Latin America

Tags
182955, 1

Learning Outcome
To understand how gender relations and gender roles developed in Latin America from colonial times to the present.

Title
Effective Writing

Tags
183310, 3

Learning Outcome
To write a well written, organized, and developed term paper using the critical thinking and writing skills of a historian.

Title
Effective Communication

Tags
183337, 2

Learning Outcome
To be able to discuss and explain those developments through the written and spoken word with clarity, persuasiveness, and proper use of evidence.

Title
Research Literature

Tags
183421, 4

Learning Outcome
To be able to read primary sources and discuss their utility in constructing historical arguments.

Title
Historical Knowledge of Inter-American Relations

Tags
183025, 1

Learning Outcome
Students will gain an understanding of the major historiographical schools of thought in Inter-American relations

Title
Historical Knowledge of an Individual

Tags
183026, 2

Learning Outcome
Students will gain an in-depth understanding of at least one major figure in Inter-American relations each term the class is taught by way of reading primary sources and writing about the legacy of that individual.

Title
Research Literature

Tags
183027, 3

Learning Outcome
Students will be exposed to a variety of thematic approaches to Inter-American relations, including gender, health and the environment, culture, tourism, film, and literature. It is expected that these alternatives to traditional diplomatic relations will inform their selection of a research topic for the course.

Title
Historical Knowledge of Revolutions

Tags
183028, 4

Learning Outcome
Students will become conversant with the watershed events of the Haitian Revolution, the Latin American Revolutions, the Spanish American War, the Cuban Revolution, and the Washington Consensus,and why they have been critical to the tenor of Inter-American Relations.

Title
Critical Debate

Tags
183250, 4

Learning Outcome
Students will obtain a stronger cross-cultural understanding of Inter-American relations by debating and discussing issues, informed by our class readings, during our weekly discussions. At times students will be asked to embrace perspectives that they may not entirely agree with or understand.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183350, 3 |

Learning Outcome
Students will write a research paper focusing on one of the thematic approaches presented in class and informed by primary sources, as well as secondary literature, in order to arrive at a stronger understanding of Inter-American relations.

## HIST 360 - American West to 1900

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 360 |

Teaching Area
HIST
Course Title
American West to 1900
Course Description
The American West as a place of great diversity. Topics include Native American societies, European colonization, explorations, the fur trade, overland migrations, Indian relations, mining, settlement, and the environment.
Department
History
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

## HIST 361 - The American West Since 1900

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 361 |

Teaching Area
HIST
Course Title
The American West Since 1900
Course Description
Pivotal developments in the twentieth-century West, including urbanization, Sun Belt migration, political protest, labor history, Native American history, immigration, water policy, tourism, military-industrial complex, Hollywood.
Department
History
When Taught
Winter Even Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of American West before 1900

**Tags**
183029, 1

**Learning Outcome**
Students will be able to explain and interpret major developments and historical terms in the history of the American West before 1900.

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of the American West since 1900

**Tags**
183030, 1

**Learning Outcome**
Students will be able to explain and interpret major developments and historical terms in the history of the American West since 1900.

**Title**
Critical Analysis

**Tags**
183366, 2

**Learning Outcome**
Students will be able to skillfully and honestly evaluate historical arguments in secondary sources.

**Title**
Critical Evaluation

**Tags**
183302, 3

**Learning Outcome**
Students will be able to skillfully and honestly evaluate historical arguments in secondary sources.

**Title**
Research Methods

**Tags**
183367, 1

**Learning Outcome**
Students will be able to interpret primary sources and use evidence from those documents to support historical assertions and interpretive generalizations

**Title**
Research Literature

**Tags**
183444, 2

**Learning Outcome**
Students will be able to interpret primary documents and use evidence from those documents to support historical assertions and interpretive generalizations.

## HIST 362 - United States Immigration History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
362

**Teaching Area**
HIST

**Course Title**
United States Immigration History

**Course Description**
Overview of the key developments, questions, debates, and theories surrounding the study of U.S. immigration history. A chronological and thematic exploration of the intersection of race/ethnicity, class, gender, sexuality, and citizenship within U.S. immigration history.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

## HIST 363 - The Spanish Frontier in North America

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
363

**Teaching Area**
HIST

**Course Title**
The Spanish Frontier in North America

**Course Description**
Spanish exploration, occupation, and institutions of northern Mexico, the American southwest, and Florida, 1521-1821; Mexican period to 1848.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Spanish and Mexican Frontier | 183031, 1 |

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments in the history of the Spanish and Mexican northern frontier in North America between approximately 1492 and 2011

| Title | Tags |
| --- | --- |
| Research Literature | 183269, 1 |

Learning Outcome
Students will be able to analyze and interpret primary source documents

| Title | Tags |
| --- | --- |
| Critical Interpretation | 183385, 2 |

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

## HIST 364 - Utah

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 364 |

Teaching Area
HIST
Course Title
Utah

## HIST 365 - American South

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 365 |

Teaching Area
HIST
Course Title
American South

**Course Description**
Major themes and events in the history of Utah, including the evolution of Latter-day Saint identity and culture, with particular emphasis upon thematic intersections between Utah's history and the history of the American West and the United States at large.
**Department**
History
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Utah | 183032, 1 |

**Learning Outcome**
Students will be able to explain and interpret major developments and historical terms in Utah history.

| Title | Tags |
| --- | --- |
| Research Literature | 183062, 2 |

**Learning Outcome**
Students will be able to interpret primary documents and use evidence from those documents to support historical assertions and interpretive generalizations.

| Title | Tags |
| --- | --- |
| Critical Evaluation | 183063, 3 |

**Learning Outcome**
Students will be able to skillfully and honestly evaluate historical arguments in secondary sources.

| Title | Tags |
| --- | --- |
| Integrate Matters of Faith | 183064, 0, 4 |

**Course Description**
Political, economic, and cultural history of the southern states from colonial times to the present.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of American South | 183033, 1 |

**Learning Outcome**
Students will be able to explain and analyze the major political, economic, social, cultural, religious, and intellectual developments in the history of the American South from European contact to the present

| Title | Tags |
| --- | --- |
| Effective Communication | 183082, 4 |

**Learning Outcome**
Students will be able to research, analyze, and integrate primary and secondary sources into a coherent and well-written argument.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183083, 5 |

**Learning Outcome**
Students will able to analyze an important historical question in the history of the South.

Learning Outcome
Students will be able to integrate matters of faith within discussions of major developments in Utah history involving the Church of Jesus Christ of Latter-day Saints.

| Title | Tags |
| --- | --- |
| Research Methods | 183286, 3 |

Learning Outcome
Students will be able to isolate the theses and supporting arguments of secondary sources on the history of the South.

| Title | Tags |
| --- | --- |
| Research Literature | 183452, 4 |

Learning Outcome
Students will be able to analyze primary sources on the history of the South.

## HIST 366 - Slavery and the Slave Trade in Africa and the Atlantic World

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 366 |

Teaching Area
HIST
Course Title
Slavery and the Slave Trade in Africa and the Atlantic World
Course Description
Major social, political, economic, and cultural developments in the history of slavery in Africa and the Americas between the 15th and 19th centuries, taking the lands and the people of the Atlantic Ocean region as a geographical unit.
Department
History
When Taught
Contact Department

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |

## HIST 367 - Slavery in the United States

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 367 |

Teaching Area
HIST
Course Title
Slavery in the United States
Course Description
Historical themes and developments of slavery in the U.S.
Department
History
When Taught
Contact Department

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Slavery in North America | 183034, 1 |

Learning Outcome
Students will be able to explain

| | |
|---|---|
| 3- | 183235, 2 |

**Learning Outcome**
History teaching majors will start to apply information and ideas from the course to future teaching.

| Title | Tags |
|---|---|
| 2- | 183400, 1 |

**Learning Outcome**
Students will be able to analyze and interpret primary source documents, both in writing and in class discussions.

| Title | Tags |
|---|---|
| 1- | 183445, 0 |

**Learning Outcome**
Students will be able to explain and analyze the major social, political, economic, and cultural developments in the history of slavery in the Atlantic World between the 15th and 19th centuries.

**Learning Outcome**
Students will be able to explain and analyze the major social, political, economic, and cultural developments in the history of slavery in North America from the 17th century through 1865

| Title | Tags |
|---|---|
| Apply Ideas to Future Teaching | 183084, 2 |

**Learning Outcome**
History teaching majors will start to apply information and ideas from the course to future teaching.

| Title | Tags |
|---|---|
| Critical Analysis | 183085, 3 |

**Learning Outcome**
Students will be able to analyze historical questions and place them in a historiographical context.

| Title | Tags |
|---|---|
| Analytical Writing | 183086, 4 |

**Learning Outcome**
Students will be able to analyze and interpret primary source documents, both in writing and in class discussions.

## HIST 368 - Sport, Society, and American Culture

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
368
**Teaching Area**
HIST
**Course Title**
Sport, Society, and American Culture
**Course Description**
Development of sports in American society, emphasizing ethnic and racial groups, social classes, gender, gambling, politics, and social mobility.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

## HIST 369 - History of Travel and Tourism

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
369
**Teaching Area**
HIST
**Course Title**
History of Travel and Tourism
**Course Description**
The history of travel and tourism from modern times to the present. Themes include changing technology, consumerism, nationalism, and social identities in constructing the tourist experience.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of American Sports | 183035, 1 |

Learning Outcome
Students will be able to explain the major social, cultural, and historical developments in American sport history.

| Title | Tags |
| --- | --- |
| Critical Interpretation | 183036, 2 |

Learning Outcome
Students will understand the major historiographical debates in American sport history.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183087, 3 |

Learning Outcome
Students will be able to evaluate the relationship between sports and race, class, and gender issues in American history.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Theoretical Approaches | 183037, 1 |

Learning Outcome
Understand the theoretical approaches in the field, including concepts such as authenticity, tourist gaze, scripted space, leisure and modernity, and social science approaches to the study of tourism.

| Title | Tags |
| --- | --- |
| Historical Developments | 183038, 2 |

Learning Outcome
Demonstrate knowledge of the major developments in travel and tourism infrastructure and explain the causal forces driving those changes.

| Title | Tags |
| --- | --- |
| Social Identities | 183088, 4 |

Learning Outcome
Explain how social identities of race, class, gender, and nationality have shaped the tourist experience.

| Title | Tags |
| --- | --- |
| Primary Sources | 183089, 5 |

Learning Outcome
Assess primary sources for historical analysis of tourism and understand the limits and possibilities of each, including travel narratives, ephemera, still images, guides, memoirs, etc.

| Title | Tags |
| --- | --- |
| Case Study | 183090, 6 |

**Learning Outcome**
Demonstrate historical change in tourism by researching and writing about a specific topic or approach to tourism in a paper that follows conventions of historical scholarship, and by presenting findings to the class.

| Title | Tags |
| --- | --- |
| Global Impact | 183398, 5 |

**Learning Outcome**
Appreciate global impact of tourism on the environment, international relations, and commerce.

## HIST 370 - Early America

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
370
**Teaching Area**
HIST
**Course Title**
Early America
**Course Description**
Interactions among the indigenous peoples of North America and European explorers, traders, and colonizers up to 1765, including their legal, economic, and political frameworks and contrasting approaches to culture, gender, religion, and the environment.
**Department**
History
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## HIST 371 - Revolutionary America

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
371
**Teaching Area**
HIST
**Course Title**
Revolutionary America
**Course Description**
Causes and consequences of the American Revolution, the confederation era, and the framing of the Constitution.
**Department**
History
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Title**

| Title | Tags |
| --- | --- |
| Historical Knowledge of Colonial America | 183039, 1 |

**Learning Outcome**
Students will demonstrate an understanding of the major events and issues in colonial American history and historiography.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183091, 2 |

**Learning Outcome**
Students will be able to identify and critically respond to the argument of a historical monograph.

| Title | Tags |
| --- | --- |
| Research Literature | 183092, 3 |

**Learning Outcome**
Students will be able to identify, evaluate and locate appropriate primary and secondary sources for colonial American history.

| Title | Tags |
| --- | --- |
| Effective Communication | 183093, 4 |

**Learning Outcome**
Students will be able to create and support an argument based on a major issue in colonial American historiography, using primary and secondary sources.

| Title | Tags |
| --- | --- |
| Historical Knowledge of Revolutionary America | 183040, 1 |

**Learning Outcome**
Students will be able to explain and analyze the major political, economic, social, and religious developments in Revolutionary America.

| Title | Tags |
| --- | --- |
| Crticial Analysis | 183094, 2 |

**Learning Outcome**
Students will be able to analyze historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Critical Communication | 183095, 4 |

**Learning Outcome**
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

| Title | Tags |
| --- | --- |
| Research Literature | 183455, 3 |

**Learning Outcome**
Students will be able to analyze and interpret primary source documents.

## HIST 372 - The History of the US Presidency

### Course Information

**Course Number**
372
**Teaching Area**
HIST
**Course Title**
The History of the US Presidency
**Course Description**
This course explores the history and evolution of the U.S. presidency from the Constitutional Convention in 1787 to the present.
**Department**
History
**When Taught**
Contact Department

## HIST 373 - Civil War Era, 1848-1877

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
373
**Teaching Area**
HIST
**Course Title**
Civil War Era, 1848-1877
**Course Description**
Causes of the war, major military events (leaders, campaigns, soldiers), war on the home fronts, why the South lost, Reconstruction, the legacy of the war.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

Title
Historical understanding

Tags
213884, 0, 1, 2023-08-29 09:28:31

Learning Outcome
Students will be able to understand and be able to explain the foundations of the U.S. presidency from its origins at the Constitutional Convention.

Title
Students will be able to explain and analyze the major developments in the powers and roles of the U.S. president from the founding to the present.

Tags
213885, 0, 2, 2023-08-29 09:28:34

Learning Outcome
Historical analysis

Title
Primary source analysis

Tags
213886, 0, 3, 2023-08-29 09:28:37

Learning Outcome
Students will be able to analyze, interpret, and debate the meanings and historical significance of primary source documents

Title
Historical writing

Tags
213887, 0, 4, 2023-08-29 09:28:38

Learning Outcome
Students will be able to produce an original, analytical, and primary source based historical essay examining a key issue, theme, or individual related to the development of the U.S. presidency.

Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Historical Knowledge of Civil War and Reconstruction

Tags
183041, 1

Learning Outcome
Students will be able to explain and analyze the main themes and developments of the Civil War and Reconstruction, as well as their roots and legacy.

Title
Critical Analysis

Tags
183096, 2

Learning Outcome
Students will be able to analyze and interpret primary source documents, both in writing and in class discussions.

Title
Critical Analysis

Tags
183097, 3

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Apply information to Future Teaching

Tags
183098, 4

Learning Outcome
History teaching majors will start to apply information and ideas from the course to future teaching.

## HIST 374 - U.S. History from 1890 to 1945

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
374

**Teaching Area**
HIST

**Course Title**
U.S. History from 1890 to 1945

**Course Description**
Political, economic, and social movements and ideas that trace rise of U.S. as a world power in first half of twentieth century.

**Department**
History

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Critical Evaluation | 183099, 2 | Students will hone their ability to skillfully and honestly evaluate historical arguments in secondary sources. |
| Research Literature | 183100, 3 | Students will be able to interpret primary documents and use evidence from those documents to support historical assertions and interpretive generalizations |

## HIST 375 - Joseph Smith in Mormon History and Historiography

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
375

**Teaching Area**
HIST

**Course Title**
Joseph Smith in Mormon History and Historiography

**Course Description**
Exploring the life and thought of Joseph Smith and crucial moments in Mormon history through primary source documents and subsequent historiography.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Historical Knowledge of Joseph Smith | 183042, 1 | Students will be able to summarize and assess key aspects of the historiography of Joseph Smith. |
| Critical Analysis | 183101, 2 | Using their knowledge of both secondary and primary sources, students will be able to critique competing interpretations of |

| Title | Tags |
| --- | --- |
| Historical Knowledge of US 1890-1945 | 183457, 1 |

**Learning Outcome**
Students will be able to explain and interpret major developments and historical terms in the history of the United States between 1890 and 1945.

Joseph Smith's life.

| Title | Tags |
| --- | --- |
| Research Literature | 183102, 3 |

**Learning Outcome**
Students will be able to contextualize and explain primary source documents relating to Joseph Smith.

| Title | Tags |
| --- | --- |
| Effective Communication | 183326, 3 |

**Learning Outcome**
Students will enhance their verbal communication skills through participation in class discussion.

## HIST 376 - U.S. History from 1945 to 2000

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 376 |

**Teaching Area**
HIST
**Course Title**
U.S. History from 1945 to 2000
**Course Description**
Movements and ideas that shaped society, politics, economy, and diplomacy of the United States from 1945 to 2000.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## HIST 377 - Growing Up in America: A History of Childhood and Youth

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 377 |

**Teaching Area**
HIST
**Course Title**
Growing Up in America: A History of Childhood and Youth
**Course Description**
The changing experiences of young people growing up in America. Major themes in the history of American childhood and youth from the colonial period to the present.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Title
Historical Knowledge of U.S. History from 1945 to Present

Tags
183043, 1

Learning Outcome
Students will be able to explain and analyze the major political, social, diplomatic, economic, cultural, and constitutional developments in U.S. history from 1945 to the present.

Title
Analytical Writing

Tags
183103, 2

Learning Outcome
Students will be able to produce an original, analytical, and primary source based historical essay examining a key issue, theme, or individual from U.S. history since 1945.

Title
Research Literature

Tags
183104, 3

Learning Outcome
Students will be able to analyze, interpret, and debate the meanings and historical significance of primary source documents.

## HIST 378 - History of American Families

### Course Information

Teaching Area (new)
HIST

Course Number
378

Teaching Area
HIST

Course Title
History of American Families

Course Description
History of American families from colonial period to the present.

Department
History

When Taught
Fall Even Years

### Credit Hours

Min
3

Fixed
3

## HIST 379 - U.S. Religious History to 1860

### Course Information

Teaching Area (new)
HIST

Course Number
379

Teaching Area
HIST

Course Title
U.S. Religious History to 1860

Course Description
Religious developments from colonial times to 1860.

Department
History

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

Fixed
0

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Historical Knowledge of American Families

Tags
182956, 1

Learning Outcome
Students will be able to explain and analyze the major intellectual, economic, religious, social, cultural, and political developments affecting changes in American families of various races, classes, and regions from 1607 to the present.

Title
Critical Analysis

Tags
182957, 2

Learning Outcome
Students will be able to analyze an important historical question in the history of American families

Title
Research Methods

Tags
183105, 3

Learning Outcome
Students will be able to isolate the theses and supporting arguments of secondary sources on the history of American families.

Title
Effective Communication

Tags
183106, 4

Learning Outcome
Students will be able to research, analyze, and integrate primary and secondary sources into a coherent and well-written argument.

## HIST 380 - U.S. Religious History Since 1860

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Analysis of primary source documents

Tags
183479, 2

Learning Outcome
Students will be able to contextualize and explain primary source documents relating to U.S. religious history.

Title
Analysis of the historiography of U.S. religious history

Tags
183480, 3

Learning Outcome
Students will become acquainted with, and learn to critically evaluate, historical scholarship dealing with key issues and events in U.S. religious history.

Title
Key events in American religious history

Tags
183481, 1

Learning Outcome
Students will be able to identify and explain the significance of key events, individuals, and ideas in American religious history to 1860

## HIST 381 - Computers in Family Historical

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
380

**Teaching Area**
HIST

**Course Title**
U.S. Religious History Since 1860

**Course Description**
Examines religious people, institutions, beliefs, and practices in U.S. history since the Civil War.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical knowlege of major U.S. religious groups

**Tags**
183482, 1

**Learning Outcome**
Identify the historical origins, beliefs, and practices of major religious groups in the modern US.

**Title**
Historical knowledge of major events in American religious history

**Tags**
183483, 2

**Learning Outcome**
Identify major events, trends, and transformations in the history of american religion in the post-1860 period.

**Title**
Analysis of primary sources

**Tags**
183484, 3

**Learning Outcome**

# Research and Publication

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
381

**Teaching Area**
HIST

**Course Title**
Computers in Family Historical Research and Publication

**Course Description**
Use of computer programs and the internet in researching family, local, and social history; including programs and techniques for publishing.

**Department**
History

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HIST 217 - The Family Historian's Craft

**Additional Comments:**

Critically examine historical documents related to the history of American religion.

Title
Analysis of the historiography of American religious history

Tags
183485, 4

Learning Outcome
Offer informed perspectives on the ways scholars have understood the history of modern American religion.

## HIST 382 - Mormonism in the American Experience

### Course Information

Teaching Area (new)
HIST

Course Number
382

Teaching Area
HIST

Course Title
Mormonism in the American Experience

Course Description
Social, economic, political, intellectual, and religious environment in which Mormonism flourished; contributions of Mormon men and women to American culture and history.

Department
History

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Historical Knowledge of Mormonism

Tags
183044, 1

Learning Outcome

## HIST 383 - African-American History, 1865 to Present

### Course Information

Teaching Area (new)
HIST

Course Number
383

Teaching Area
HIST

Course Title
African-American History, 1865 to Present

Course Description
Social, economic, intellectual, political factors; struggle for racial equality; race and gender relationships; how changing ideas of race affect American life and politics.

Department
History

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Hist 200, 220, 221

Title
Historical Knowledge of African-American History since 1865

Tags
183045, 1

Students will be able to summarize and assess key aspects of how Mormonism has been situated in the larger cultural and religious geography of America

| Title | Tags |
| --- | --- |
| Critical Analysis | 183107, 2 |

**Learning Outcome**
Students will become acquainted with, and learn to assess the academic conversation concerning Mormonism

| Title | Tags |
| --- | --- |
| Research Literature | 183108, 3 |

**Learning Outcome**
Students will learn how particular primary sources provide key building blocks in prominent interpretations of the place of Mormonism in American history

| Title | Tags |
| --- | --- |
| Effective Communication | 183109, 4 |

**Learning Outcome**
Students will enhance their verbal communication skills through participation in class discussion.

American History since 1865 183045, 1

**Learning Outcome**
Students will be able to identify and analyze major themes in African-American History from emancipation and the rise of Jim Crow to the beginning of the 21st century. They will also be able to recognize the ways that shifting notions of race have shaped (and continue to shape) American life and politics.

| Title | Tags |
| --- | --- |
| Provide Service | 183046, 2 |

**Learning Outcome**
Students will be able to use their training in African American history to serve their community.

| Title | Tags |
| --- | --- |
| Research Literature | 183110, 3 |

**Learning Outcome**
Students will be able to analyze, interpret, and evaluate primary sources

| Title | Tags |
| --- | --- |
| Critical Debate | 183111, 4 |

**Learning Outcome**
Students will be able to interpret and debate the meanings and historical value of primary sources with their peers.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183112, 5 |

**Learning Outcome**
Students will be able to analyze and create historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183113, 6 |

**Learning Outcome**
Students will demonstrate proficiency in using historical methods of research and in integrating data into a coherent argument expressed through a clear, well-written style.

## HIST 384 - United States Women's History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
384

**Teaching Area**
HIST

**Course Title**
United States Women's History

**Course Description**
Survey course of women's experience in American culture and society from the Puritans to the present.

**Department**
History

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of U.S. Women's History

**Tags**
182958, 1

**Learning Outcome**
Students will be able to explain and analyze the experiences of women in America from the colonial period to the present, the ways that ideas about gender have shaped American life, and significant issues and debates in U.S. Women's history.

**Title**
Critical Interpretation

**Tags**
182959, 2

**Learning Outcome**
Students will be able to interpret and debate the meanings and historical value of primary

## HIST 385 - Latinos in the United States

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
385

**Teaching Area**
HIST

**Course Title**
Latinos in the United States

**Course Description**
The place of Latin Americans within the context of U.S. history. The growth and development of the largest Latino communities from pre-colonial times to present day and how Latinos may influence future policies within the U.S.

**Department**
History

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge of Latinos in the U.S.

**Tags**
183047, 1

**Learning Outcome**
Students will learn the history of Latinos in this country beginning with the circumstances which brought them to this country, the ways they have integrated or resisted integration, and the efforts they have made to claim their rights as citizens.

**Title**
Critical Analysis

**Tags**
183048, 2

**Learning Outcome**
Students will learn the current

historical value of primary sources with their peers.

| Title | Tags |
| --- | --- |
| Critical Analysis | 182960, 3 |

**Learning Outcome**
Students will be able to analyze and create historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Application to Current Issues and Events | 182961, 4 |

**Learning Outcome**
Students will be able to apply their understanding of American women's history to current issues and events.

| Title | Tags |
| --- | --- |
| Research Literature | 183114, 5 |

**Learning Outcome**
Students will be able to analyze, interpret, and evaluate primary sources.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183239, 4 |

**Learning Outcome**
Students will demonstrate proficiency in using historical methods of research and in integrating data into a coherent argument expressed through a clear, well-written style.

Students will learn the current state of Latino social and cultural integration in the Utah community.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183115, 3 |

**Learning Outcome**
Students will learn to write a major essay on the history of Latinos in order to understand the literature as well as the primary sources available on this community.

| Title | Tags |
| --- | --- |
| Critical Interpretation | 183340, 1 |

**Learning Outcome**
Students will learn to interpret the documents and rhetoric of this community which will help them understand the intellectual, cultural and political thought of Latinos over the last 100 years.

## HIST 386 - American Indian History to 1877.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 386 |

**Teaching Area**
HIST
**Course Title**
American Indian History to 1877.
**Course Description**
North American Indian history before and after European colonization up to 1877, including Native cultures, politics, religion, diplomacy, war, trade, and interactions with other nations as well as with European colonists and the United States government.
**Department**

## HIST 387 - American Indian History from 1877 to the Present.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 387 |

**Teaching Area**
HIST
**Course Title**
American Indian History from 1877 to the Present.
**Course Description**
North American Indian history from 1877 to the present day, including the history and culture of various American Indian nations, their trade, diplomacy, and military campaigns with the United States, and historical and sociocultural factors affecting nineteenth- and

History
**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Research Literature | 213888, 0, 1, 2023-08-29 09:28:57 |

**Learning Outcome**
Students will be able to skillfully and honestly evaluate historical arguments in secondary sources related to American Indian history.

| Title | Tags |
| --- | --- |
| Critical Analysis | 213889, 0, 2, 2023-08-29 09:28:59 |

**Learning Outcome**
Students will be able to interpret primary sources and use evidence from those documents to support historical arguments.

| Title | Tags |
| --- | --- |
| Historical Knowledge of American Indian Cultural Traditions | 213890, 0, 3, 2023-08-29 09:29:04 |

**Learning Outcome**
Students will recognize important elements of American Indian cultural traditions and explore how Latter-day Saint American Indians have balanced their intellectual pursuits, their faith, and their cultures.

| Title | Tags |
| --- | --- |
| Historical Knowledge of | |

historical and sociocultural factors affecting nineteenth- and twentieth-century American Indians in both urban and reservation settings, and current challenges facing American Indian communities.
**Department**
History
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of American Indian Cultural Traditions | 213892, 0, 1, 2023-08-29 09:29:08 |

**Learning Outcome**
Students will be able to evaluate American Indian history and cultures, employ historical research skills effectively, and apply appropriate methods and theories to the study of American Indian history and contemporary American Indian issues.

| Title | Tags |
| --- | --- |
| Historical Knowledge of American Indian Cultural Traditions | 213893, 0, 2, 2023-08-29 09:29:10 |

**Learning Outcome**
Students will recognize important ideas of American Indian and non-American Indian cultural traditions and how Latter-day Saint American Indians have balanced their intellectual pursuits, their faith, and their cultures.

| Title | Tags |
| --- | --- |
| Critical Analysis | 213894, 0, 3, 2023-08-29 09:29:11 |

**Learning Outcome**

American Indian History 213891, 0, 4, 2023-08-29 09:29:05

Learning Outcome
Students will be able to evaluate American Indian history and cultures, employ historical research skills effectively, and apply appropriate methods and theories to the study of American Indian history and contemporary American Indian issues.

Learning Outcome
Students will be able to interpret primary sources and use evidence from those documents to support historical arguments related to American Indian history.

Title Tags
Research Literature 213895, 0, 4, 2023-08-29 09:29:13

Learning Outcome
Students will be able to skillfully and honestly evaluate historical arguments in secondary sources related to American Indian history.

## HIST 388 - Genetic Genealogy

### Course Information

Teaching Area (new) Course Number
HIST 388
Teaching Area
HIST
Course Title
Genetic Genealogy
Course Description
This class teaches the methodologies to effectively use DNA evidence in genealogical and family research.
Department
History
When Taught
Contact Department

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type

## HIST 389 - Mormonism Among Christian Theologies: A Comparative History

### Course Information

Teaching Area (new) Course Number
HIST 389
Teaching Area
HIST
Course Title
Mormonism Among Christian Theologies: A Comparative History
Course Description
Comparison of the historical development and varying constructions of key aspects of Mormon and other Christian thought.
Department
History
When Taught
Contact Department

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HIST 217 - The Family Historian's Craft

**Additional Comments:**

| Title | Tags |
| --- | --- |
| History 388 Learning Outcomes | 213277, 0, 1 |

**Learning Outcome**

Students will learn the foundational principles of genetic genealogy and how to plan which test(s) to use to address a research question.
Students will be able to apply the appropriate methodology to address a genetic genealogy problem and will be able to select and use the relevant tools.
Students will be able to integrate DNA evidence into their genealogical problem solving and follow industry standards.

## HIST 390R - Special Topics in History

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 390R |

**Teaching Area**
HIST
**Course Title**
Special Topics in History
**Course Description**
\tPresented by visiting or regular faculty. Varied topics include oral history, demographics, psychohistory, Christianity in history, family history research, etc.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

## HIST 391 - The Vietnam War

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 391 |

**Teaching Area**
HIST
**Course Title**
The Vietnam War
**Course Description**
U.S. involvement in the wars in Vietnam from both a domestic and international perspective, focusing on the conflict independently and in context of the broader Cold War.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183589, 1 |

**Learning Outcome**
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

| Title | Tags |
| --- | --- |
| Historical Writing | 183590, 3 |

**Learning Outcome**
Students will improve their writing skills.

| Title | Tags |
| --- | --- |
| Analytical Reading | 183619, 2 |

**Learning Outcome**
Students will improve their proficiency in reading primary and secondary sources.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183279, 0 |

**Learning Outcome**
Students will be able to explain and analyze the major political, economic, social, and religious developments in a special topic.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183294, 3 |

**Learning Outcome**
Students will be able to analyze historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Research Literature | 183303, 1 |

**Learning Outcome**
Students will be able to analyze and interpret primary source documents.

| Title | Tags |
| --- | --- |
| Critical Interpretation | 183373, 2 |

**Learning Outcome**
Students will be able to interpret and debate the meanings and historical value of primary

## Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Vietnam War | 183049, 1 |

**Learning Outcome**
Students will be able to explain and analyze political, social, cultural, diplomatic, and military developments; short- and long-term influences; and ramifications or "lessons" deriving from the U.S. experience during the Vietnam War from 1945 to 1975 from both a domestic and international perspective.

| Title | Tags |
| --- | --- |
| Research Literature | 183116, 2 |

**Learning Outcome**
Students will be able to analyze, interpret, and debate the meanings and historical significance of primary source documents.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183117, 3 |

**Learning Outcome**
Students will be able to produce an original, analytical, and primary source based historical essay examining a key issue, theme, or individual from the U.S. experience in Vietnam.

source texts with their peers.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183609, 1 |

**Learning Outcome**
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

| Title | Tags |
| --- | --- |
| Analytical Reading | 183610, 2 |

**Learning Outcome**
Students will improve their proficiency in reading primary and secondary sources.

| Title | Tags |
| --- | --- |
| Historical Writing | 183611, 3 |

**Learning Outcome**
Students will improve their writing skills.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183612, 1 |

**Learning Outcome**
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

| Title | Tags |
| --- | --- |
| Analytical Reading | 183613, 2 |

**Learning Outcome**
Students will improve their proficiency in reading primary and secondary sources.

| Title | Tags |
| --- | --- |
| Historical Writing | 183614, 3 |

**Learning Outcome**
Students will improve their writing skills.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183615, 1 |

**Learning Outcome**
Students will learn the major themes, events, and issues

themes, events, and issues related to a particular historical topic, chosen by the instructor.

| Title | Tags |
| --- | --- |
| Analytical Reading | 183616, 2 |

**Learning Outcome**
Students will improve their proficiency in reading primary and secondary sources.

| Title | Tags |
| --- | --- |
| Historical Writing | 183617, 3 |

**Learning Outcome**
Students will improve their writing skills.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183618, 1 |

**Learning Outcome**
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

| Title | Tags |
| --- | --- |
| Analytical Reading | 183620, 2 |

**Learning Outcome**
Students will improve their proficiency in reading primary and secondary sources.

| Title | Tags |
| --- | --- |
| Historical Writing | 183621, 3 |

**Learning Outcome**
Students will improve their writing skills.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183622, 1 |

**Learning Outcome**
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

| Title | Tags |
| --- | --- |
| Analytical Reading | 183623, 2 |

**Learning Outcome**

Students will improve their proficiency in reading primary and secondary sources.

| Title | Tags |
| --- | --- |
| Historical Writing | 183624, 3 |

**Learning Outcome**
Students will improve their writing skills.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183625, 1 |

**Learning Outcome**
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

| Title | Tags |
| --- | --- |
| Analytical Reading | 183626, 2 |

**Learning Outcome**
Students will improve their proficiency in reading primary and secondary sources.

| Title | Tags |
| --- | --- |
| Historical Writing | 183627, 3 |

**Learning Outcome**
Students will improve their writing skills.

## HIST 392 - U.S. Constitutional History

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
392
**Teaching Area**
HIST
**Course Title**
U.S. Constitutional History
**Course Description**
Constitutional traditions and constitution making, federalism, and constitutional notions of political equity and social justice, from the colonial period to the present.
**Department**
History
**When Taught**
Winter

### Credit Hours

## HIST 393 - U.S. Foreign Relations

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
393
**Teaching Area**
HIST
**Course Title**
U.S. Foreign Relations
**Course Description**
U.S. diplomatic history from the American revolution to the present; examines major themes and critical events within both domestic and international contexts.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Crticial Analysis | 183050, 2 |

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

| Title | Tags |
| --- | --- |
| Historical Knowledge of the US Constitution | 183118, 1 |

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments that led to the U.S. Constitution

| Title | Tags |
| --- | --- |
| Research Literature | 183119, 3 |

Learning Outcome
Students will be able to analyze and interpret primary source documents.

| Title | Tags |
| --- | --- |
| Critical Communication | 183120, 4 |

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

## HIST 394 - Scripture in American History

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Foreign Relations (1776 to Present) | 183051, 1 |

Learning Outcome
Students will be able to explain and analyze the major themes and problems in the making, implementation, and evolution of U.S. foreign relations from 1776 to the present.

| Title | Tags |
| --- | --- |
| Research Literature | 183121, 2 |

Learning Outcome
Students will be able to analyze, interpret, and debate the meanings and historical significance of primary source documents.

| Title | Tags |
| --- | --- |
| Analytical Writing | 183122, 3 |

Learning Outcome
Students will be able to produce an original, analytical, and primary source based historical essay examining a key issue, theme, or individual from the history of U.S. foreign relations.

## HIST 395 - Teaching with Technology in

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
394

**Teaching Area**
HIST

**Course Title**
Scripture in American History

**Course Description**
Scriptural texts in U.S. history across various religious traditions and across time, with attention to questions of authority, translation, interpretation, and reception.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical knowledge of scriptures in US history

**Tags**
183486, 1

**Learning Outcome**
Describe the general content of various traditions' scripture and comment on the place of scripture within the major religious traditions in U.S. history.

**Title**
Analysis of the role of scripture in American culture and history

**Tags**
183487, 2

**Learning Outcome**
Critically assess the role of scripture in American culture generally, and across time.

**Title**
Contextualize the history of American scripture

**Tags**
183488, 3

# Social Studies

## Course Information

**Teaching Area (new)**
HIST

**Course Number**
395

**Teaching Area**
HIST

**Course Title**
Teaching with Technology in Social Studies

**Course Description**
This course will highlight technologies that have particular value in social studies classrooms. We will explore, analyze, and practice with technologies that support social studies content, and those that support student engagement. Candidates will have the opportunity to develop technology-rich learning experiences.

**Department**
History

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Online Professionalism

**Learning Outcome**
Understand and demonstrate norms of online professionalism. Identify and understand copyright issues and limitations in a classroom, including open licensing options.

**Title**
Curriculum Design

**Learning Outcome**
Develop technology enhanced lessons to support student learning and engagement in secondary social studies. Create multimedia artifacts to support social studies content. Create a portfolio of technology-rich learning experiences for students.

**Learning Outcome**

| | |
|---|---|
| ~~American scripture~~ | ~~183488, 3~~ |

**Learning Outcome**
Situate historical discussion and reading of scripture in broader intellectual and cultural contexts.

| | |
|---|---|
| **Title** | **Tags** |
| Analysis of the historiography of American scripture | 183489, 4 |

**Learning Outcome**
Offer informed perspectives on the ways scholars have understood the significance of scripture in various traditions and in American culture generally.

| | |
|---|---|
| | **Learning Outcome** |
| | Define types of educational technologies, and the challenges and benefits of using each in social studies classrooms. Identify and analyze characteristics of technology tools that benefit student learning in a social studies class, and demonstrate pedagogical decision making. |
| **Title** | |
| Pedagogical Decision Making | |

## HIST 396 - Telling the Story of History: A Writing Workshop

### Course Information

| **Teaching Area (new)** | **Course Number** |
|---|---|
| HIST | 396 |

**Teaching Area**
HIST
**Course Title**
Telling the Story of History: A Writing Workshop
**Course Description**
Workshop in writing narrative history, emphasizing the problems of writing historical narrative. Theories and examples of narrative history.
**Department**
History
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## HIST 397 - Historical Literacies in United States History

### Course Information

| **Teaching Area (new)** | **Course Number** |
|---|---|
| HIST | 397 |

**Teaching Area**
HIST
**Course Title**
Historical Literacies in United States History
**Course Description**
Historical literacy within the context of U.S. history; preparation of instructional materials and field experiences for elementary and secondary education students.
**Department**
History
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Hist 200, 220, 221

| Title | Tags |
| --- | --- |
| 8- | 183225, 7 |

**Learning Outcome**
Prospective teachers will engage, as students, in model activities designed to build the participants' ability to read, reason, and write with historical texts.

| Title | Tags |
| --- | --- |
| 6- | 183226, 5 |

**Learning Outcome**
Prospective teachers will practice instructional methods that biuild students' ability to make inferences, engage in historical empathy, and engage in perspective taking, and other skills associated with historical literacy.

| Title | Tags |
| --- | --- |
| 12- | 183227, 11 |

**Learning Outcome**
Prospective teachers will review through documents and artifacts major themes in US history.

| Title | Tags |
| --- | --- |
| 4- | 183248, 3 |

**Learning Outcome**
Prospective teachers will consider the wide variety of textual genres that historians and archeologists use as evidence about the past.

| Title | Tags |
| --- | --- |
| 7- | 183255, 6 |

**Learning Outcome**
Prospective teachers will explore instructional strategies that help students use historical evidence to support their independently developed historical interpretations.

| Title | Tags |
| --- | --- |
| 2- | 183292, 1 |

**Learning Outcome**
Prospective teachers will identify

instructional strategies that help students approach historical inquiry from a more mature epistemic stance.

| Title | Tags |
| --- | --- |
| 5- | 183305, 4 |

**Learning Outcome**
Prospective teachers will consider second order concepts, or metaconcepts, that pupils must understand in order to become historically literate.

| Title | Tags |
| --- | --- |
| 3- | 183358, 2 |

**Learning Outcome**
Prospective teachers will consider the heuristics historians use in engaging in historical inquiry and how students can be taught to use these heuristics.

| Title | Tags |
| --- | --- |
| 13- | 183364, 12 |

**Learning Outcome**
Prospective teachers will explore options for curriculum mapping in developing a scope and sequence for a US history course.

| Title | Tags |
| --- | --- |
| 9- | 183412, 8 |

**Learning Outcome**
Prospective teachers will create a series of text sets, including primary sources, that they will be able to use to build their students' historical literacies.

| Title | Tags |
| --- | --- |
| 10- | 183420, 9 |

**Learning Outcome**
Prospective teachers will construct lesson plans and will execute these plans in elementary and/or secondary classrooms.

| Title | Tags |
| --- | --- |
| 11- | 183433, 10 |

Learning Outcome
Prospective teachers will reflect on methods for improving their instructional activities.

| Title | Tags |
| --- | --- |
| 1- | 183448, 0 |

Learning Outcome
Prospective teachers will identify methods for helping their pupils develop a more sophisticated understanding of the nature of hisotyr as a discipline.

## HIST 398 - American Capitalism: Politics and the Economy in Modern American History

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 398 |

Teaching Area
HIST
Course Title
American Capitalism: Politics and the Economy in Modern American History
Course Description
Examines how economic thought has been translated into economic policy in the United States during the twentieth century.
Department
History
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Knowledge of 20th-c. economic theories | 183515, 1 |

## HIST 399 - Democratic Classroom Design for Social Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 399 |

Teaching Area
HIST
Course Title
Democratic Classroom Design for Social Studies
Course Description
Design and manage a classroom where students learn, analyze and experience democratic principles; prepare the physical, academic, and social space to foster engaged citizenship and shared responsibility; develop a Civic Engagement Project; visit local classrooms.
Department
History
When Taught
Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Learning Outcome**
Gain knowledge of the most influential economic theories of the twentieth century; learn how those theories shaped policy and history more broadly.

**Title**
Knowledge of economic institutions

**Tags**
183516, 2

**Learning Outcome**
Become familiar with important economic institutions (such as the Federal Reserve, World Bank and IMF, the Treasury Department, etc.) and be able to describe their functions and influence in the economy (past and present).

**Title**
Historiography of economic policy

**Tags**
183517, 3

**Learning Outcome**
Locate current economic policy debates within their historical currents.

**Title**
Historical writing

**Tags**
183518, 4

**Learning Outcome**
Learn to integrate data into coherent arguments expressed in well-written papers and discussion.

## HIST 420 - Latin Paleography

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
420

**Teaching Area**
HIST

**Course Title**
Latin Paleography

**Course Description**
Reading and interpretation of post-1500 handwriting within historical contexts in Latin ecclesiastical and notarial documents useful in family, local, and social history research.

**Department**
History

**When Taught**
Contact Department

## HIST 430R - (Hist-Clscs) Topics in Ancient Roman History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
430R

**Teaching Area**
HIST

**Course Title**
(Hist-Clscs) Topics in Ancient Roman History

**Course Description**
Study of the history of Rome through the examination of primary Latin historiographical texts and secondary scholarship. Topics vary.

**Department**
History

**When Taught**
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Critical Analysis | 182962, 1 |

Learning Outcome
Students will analyze and explain the cultural, historical, and legal context for documents, the scripts used in them, and the coverage and availability

| Title | Tags |
| --- | --- |
| Transcription Methodology | 183356, 2 |

Learning Outcome
Students will demonstrate transcription techniques and methodologies

| Title | Tags |
| --- | --- |
| Document Translation | 183365, 1 |

Learning Outcome
Students will read, transcribe, and where necessary, translate documents

| Title | Tags |
| --- | --- |
| Historical Knowledge of Common Scripts | 183403, 0 |

Learning Outcome
Students will learn the most common Latin scripts

## HIST 430R - (Hist-Clscs) Topics in Ancient

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## HIST 430R - (Hist-Clscs) Topics in Ancient

## Greek and Roman History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
430R

**Teaching Area**
HIST

**Course Title**
(Hist-Clscs) Topics in Ancient Greek and Roman History

**Course Description**
Study of the history of Greece and Rome through the examination of primary Greek and Latin historiographical texts and secondary scholarship. Topics vary.

**Department**
History

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CL CV 304 - (Cl Cv-Hist 247) Greek History
  **AND** GREEK 201 - Intermediate Greek

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CL CV 307 - (ClCv-Hist 248) Roman History
  **AND** LATIN 201 - Intermediate Latin

**Additional Comments:**

## Greek History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
430R

**Teaching Area**
HIST

**Course Title**
(Hist-Clscs) Topics in Ancient Greek History

**Course Description**
Study of the history of Greece through the examination of primary Greek historiographical texts and secondary scholarship. Topics vary.

**Department**
History

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- GREEK 201 - Intermediate Greek
  **AND** LATIN 201 - Intermediate Latin

**Additional Comments:**

## HIST 431 - Public History

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
431
**Teaching Area**
HIST
**Course Title**
Public History
**Course Description**
Preparing for public history careers by discussing opportunities and responsibilities outside the academy. Examining areas such as museums, archives, film, government, business, and historic preservation. Developing a product and working on a client-based project.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Explore the theories and principles that shape public history.

**Tags**
183490, 1

**Learning Outcome**
Explore the theories and principles that shape public history.

## HIST 439 - Seminar on Professional Family History Research

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
439
**Teaching Area**
HIST
**Course Title**
Seminar on Professional Family History Research
**Course Description**
Practicum in professional client research exploring advanced genealogical methodologies.
**Department**
History
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HIST 217 - The Family Historian's Craft

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Discuss the range of influences on public understandings of the past | 183491, 2 |

**Learning Outcome**
Discuss the range of influences on public understandings of the past.

| Title | Tags |
| --- | --- |
| Examine a variety of sites that present history to the public | 183492, 3 |

**Learning Outcome**
Examine a variety of sites that present history to the public

| Title | Tags |
| --- | --- |
| Understand the methods required to engage audiences with history | 183493, 4 |

**Learning Outcome**
Understand the methods required to engage audiences with history.

| Title | Tags |
| --- | --- |
| Expand understanding of the historical profession. | 183494, 5 |

**Learning Outcome**
Expand understanding of the historical profession.

| Title | Tags |
| --- | --- |
| Compile Research Reports | 183640, 2 |

**Learning Outcome**
Students will be able to write and/or compile a variety of analytical research reports, in preparation for potential clients and employers who will hire them to conduct research on ancestral families.

| Title | Tags |
| --- | --- |
| Research Methods | 183638, 0, 0 |

**Learning Outcome**
Students will learn the key methods of family history research in US or UK sources, to solve difficult research problems from the 1700s and 1800s.

| Title | Tags |
| --- | --- |
| Analyze Sources | 183639, 0, 1 |

**Learning Outcome**
Students will learn, on an advanced level, to analyze sources and read between the lines, to reconstitute complete families from records of the 1700s and 1800s in US or UK sources.

## HIST 476 - Student Teaching - History Teaching and Social Science Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 476 |

**Teaching Area**
HIST
**Course Title**
Student Teaching - History Teaching and Social Science Teaching
**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.
**Department**
History
**When Taught**
Fall and Winter

## HIST 477 - History and Social Science Teaching Methods and Instruction

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 477 |

**Teaching Area**
HIST
**Course Title**
History and Social Science Teaching Methods and Instruction
**Course Description**
Developing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.
**Department**
History
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
12

**Other Prerequisites**
Completion of all course work or departmental approval; requires a total GPA of 3.00; at least a C- in Sc Ed 377; FBI fingerprint and background clearance.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- SC ED 276R - Exploration of Teaching: English

Prerequisites

**Complete ALL of the following Courses:**
- HIST 276 - Exploration of Teaching - Social Science

**Additional Comments:**

**Other Prerequisites**
Fingerprinting and FBI clearance.
**Note**
Check with Hist 477 instructor for specific prerequisites for the major or minor program.

| Title | Tags |
|---|---|
| Learning-Centered Classrooms | 183065, 1 |

**Learning Outcome**
Prospective teachers will consider the characteristics of learning-centered classrooms that are based on current theories of learning.

| Title | Tags |
|---|---|
| Research-supported Teaching Methods | 183066, 2 |

**Learning Outcome**
Students will study and apply research-supported teaching

research-supported teaching methods that foster students' content knowledge, content and literacy skills, and learning and democratic dispositions.

| Title | Tags |
| --- | --- |
| Assessing Students | 183229, 2 |

**Learning Outcome**
Students will consider variuos methods of assessing student learning.

| Title | Tags |
| --- | --- |
| Teaching Resources | 183276, 4 |

**Learning Outcome**
Students will consider various types of resources including texts, technology, primary source documents and litertaure that they might use to teach social studies to students with diverse backgrounds and learning styles.

| Title | Tags |
| --- | --- |
| Teacher Work Sample | 183392, 3 |

**Learning Outcome**
Students will be assisted in the preparation of the teacher work sample and a multiple text inquiry activity.

| Title | Tags |
| --- | --- |
| Critical Analysis | 183429, 5 |

**Learning Outcome**
Students will coordinate and reflect on clinical experiences.

## HIST 478 - Practicum in Secondary Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 478 |

**Teaching Area**
HIST
**Course Title**
Practicum in Secondary Education
**Course Description**
Implementing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

## HIST 479R - Secondary Minor Student Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 479R |

**Teaching Area**
HIST
**Course Title**
Secondary Minor Student Teaching
**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

democratic character; assessing learner performance.

**Department**
History
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- SC ED 276R - Exploration of Teaching: English

Prerequisites

**Complete ALL of the following Courses:**

- HIST 276 - Exploration of Teaching - Social Science

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in Hist 477 or comparable major course.

| Title | Tags |
| --- | --- |
| Learning-centered Classrooms | 183067, 1 |

**Learning Outcome**
Prospective teachers will consider the characteristics of learning-centered classrooms that are based on current theories of learning

| Title | Tags |
| --- | --- |
| Reearch-supported Teaching Methods | 183068, 2 |

**Learning Outcome**

classroom.

**Department**
History
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

Students will study and apply research-supported teaching methods that foster students' content knowledge, content and literacy skills, and learning and democratic dispositions.

| Title | Tags |
| --- | --- |
| Teaching Resources | 183128, 3 |

**Learning Outcome**
Students will be assisted in the preparation of the teacher work sample and a multiple text inquiry activity.

| Title | Tags |
| --- | --- |
| Teacher Work Sample | 183238, 3 |

**Learning Outcome**
They will be assisted in the preparation of the teacher work sample and a multiple text inquiry activity.

| Title | Tags |
| --- | --- |
| Assessing Students | 183427, 2 |

**Learning Outcome**
Students will consider various methods of assessing student learning.

| Title | Tags |
| --- | --- |
| Critical Analysis Assessment Reflection | 183438, 5 |

**Learning Outcome**
The course will provide a forum to coordinate and reflect on the prospective teachers' clinical experiences.

## HIST 481R - Directed Research in Family History

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 481R |

**Teaching Area**
HIST
**Course Title**
Directed Research in Family History
**Course Description**
Student research directed by faculty member on family history topic of

## HIST 485 - Topical Readings Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 485 |

**Teaching Area**
HIST
**Course Title**
Topical Readings Seminar
**Course Description**
Reading, discussing, and writing about selected historical issues. Especially recommended for students going on to graduate programs in History

mutual interest.

**Department**
History

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Genealogical Research | 182970, 1 |

**Learning Outcome**
Students will identify and clearly articulate a substantive family history research problem.

| Title | Tags |
| --- | --- |
| Genealogical Analysis and Writing | 183377, 1 |

**Learning Outcome**
Students will produce a written report, project or portfolio demonstrating knowledge of the studied material.

in History.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183058, 1 |

**Learning Outcome**
Students will increase their knowledge of the substantive theme of the course, which will rotate (the theme for Fall 2011, for instance, is Changes in Religious Cultures)

| Title | Tags |
| --- | --- |
| Critical Analysis | 183129, 2 |

**Learning Outcome**
Better understand how a work of History is put together, learn how to make a fair and detailed judgment of historical work (the act of criticism), all of which will make you better prepared to create History yourself

| Title | Tags |
| --- | --- |
| Research Literature | 183130, 3 |

**Learning Outcome**
Students will learn and practice fundamental analytical tools for analyzing secondary sources more deeply than is possible in most upper-level history courses

| Title | Tags |
| --- | --- |

| | |
|---|---|
| Effective Communication | 183289, 2 |

**Learning Outcome**
Students will, by learning more deeply how a work of history is put together, be better prepared for writing an original research paper in History 490 and for graduate school in either History or a related discipline

## HIST 487 - Philosophies of History

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
487
**Teaching Area**
HIST
**Course Title**
Philosophies of History
**Course Description**
Fundamental problems and types of historical analysis and interpretation, philosophies of history, and work of outstanding historians.
**Department**
History
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| | |
|---|---|
| **Title** | **Tags** |
| Historical Knowledge of Historical Writing | 183131, 1 |

**Learning Outcome**
Demonstrate an understanding of major developments in the history of historical writing

## HIST 490 - Capstone Research Seminar

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
490
**Teaching Area**
HIST
**Course Title**
Capstone Research Seminar
**Course Description**
Research seminar; critical, analytical, and writing skills in preparation of a senior thesis.
**Department**
History
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HIST 200 - The Historian's Craft.

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Identify Terms and Theories | 183132, 2 |

**Learning Outcome**
Learn key historical terms and theories associated with the philosophy of history

| Title | Tags |
| --- | --- |
| Critical Analysis | 183133, 3 |

**Learning Outcome**
Distinguish between analytical and speculative philosophies of history

| Title | Tags |
| --- | --- |
| Critical Debates | 183134, 4 |

**Learning Outcome**
Consider how philosophies of history inform debates in public history and develop oral skills

| Title | Tags |
| --- | --- |
| Historian's Craft and Religious Belief | 183536, 5 |

**Learning Outcome**
Understand debates surrounding reconciling the historian's craft and religious belief and develop insights into how universities sponsored by religious institutions can contribute to higher education.

**Note**
Required for all history majors. Foreign language skills not required.

| Title | Tags |
| --- | --- |
| Research Literature | 182971, 1 |

**Learning Outcome**
Demonstrate proficiency in using the historical method of research effectively by skillfully and honestly using primary and secondary sources

| Title | Tags |
| --- | --- |
| Historical Analysis | 182972, 2 |

**Learning Outcome**
Acquire the ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid assertions;

| Title | Tags |
| --- | --- |
| Effective Communication | 183135, 3 |

**Learning Outcome**
Skillfully integrate data into a coherent argument expressed through a clear, well-written style and through oral communication.

## HIST 495R - Directed Research

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 495R |

**Teaching Area**
HIST
**Course Title**
Directed Research
**Course Description**
Student research directed by faculty member on topic of mutual interest.
**Department**
History
**When Taught**
All Semesters/Terms

### Credit Hours

Min

## HIST 496R - Academic Internship: History Teaching and Social Science Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HIST | 496R |

**Teaching Area**
HIST
**Course Title**
Academic Internship: History Teaching and Social Science Teaching
**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.
**Department**
History
**When Taught**
Contact Department

Min
3

Fixed
3

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
0

Other Prerequisites
Instructor's prior consent
Note
Research assistants must do additional work for credit.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183059, 1 |

Learning Outcome
Students will produce a written report demonstrating knowledge of the studied material.

| Title | Tags |
| --- | --- |
| Academic Research | 183442, 0 |

Learning Outcome
Students will identify and clearly articulate a substantive academic research problem.

| Title | Tags |
| --- | --- |
| Compiling a Bibliography | 183447, 1 |

Learning Outcome
Students will produce a bibliography for reading and research using historical standards.

### Credit Hours

Min
12

Fixed
12

Other Prerequisites
Completion of all course work or departmental approval; requires a major GPA of 3.00; at least a C- in Sc Ed 377; FBI fingerprint and background clearance.
Note
An APPROVED Internship Application is required before adding.

## HIST 496R - Academic Internship: Family, Local, and Social History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
496R

**Teaching Area**
HIST

**Course Title**
Academic Internship: Family, Local, and Social History

**Course Description**
Work-study involving family, local, and/or social history at one or more archives, libraries, publishers, data providers, or research organizations on the international, national, state, or local level, under supervision of a professional genealogist, historian, archivist, or librarian.

**Department**
History

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
6

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Note**
An approved Internship Application is required before adding.

| Title | Tags | Learning Outcome |
|---|---|---|
| Internship Experience | 183628, 1 | Students will put into practice the skills in genealogical and historical research that they have learned through their coursework, in an internship experience. |

## HIST 498R - Directed Readings

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
498R

**Teaching Area**
HIST

**Course Title**
Directed Readings

**Department**
History

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
3

| Title | Tags | Learning Outcome |
|---|---|---|
| Analytical Writing | 183236, 1 | Students will write a review of each book and article demonstrating knowledge and analysis of the studied material. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Historical Reading | 183388, 0 | Students will read assigned books and articles critically, thoughtfully, and carefully. |

## HIST 500R - Special Studies in History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
500R

## HIST 564 - Sources and Problems in Western U.S. History

### Course Information

HIST
Teaching Area
HIST
Course Title
Special Studies in History
Department
History
When Taught
Contact Department

500R

### Credit Hours

Min
1

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Directed by visiting or resident faculty. Check with department secretary for current topics and instructor.

| Title | Tags |
| --- | --- |
| Historical knowledge | 183519, 1 |

Learning Outcome
Students will increase their understanding of events, themes and historical context relating to specific topics determined by the instructor.

| Title | Tags |
| --- | --- |
| Historiography | 183520, 2 |

Learning Outcome
Students will examine and analyze the historiography of the assigned topic.

| Title | Tags |
| --- | --- |
| Historical research and writing | 183521, 3 |

Learning Outcome
Students will improve their skills in historical research and writing.

Teaching Area (new)
HIST
Teaching Area
HIST
Course Number
564
Course Title
Sources and Problems in Western U.S. History
Course Description
Lecture, discussion, readings, and student writing on historians' sources and points of view regarding the American West.
Department
History
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical knowledge | 183522, 1 |

Learning Outcome
Students will increase their understanding of events, themes, and historical context relating to the history of the American West.

| Title | Tags |
| --- | --- |
| Historiography | 183523, 2 |

Learning Outcome
Students will examine and analyze the historiography of the American West.

| Title | Tags |
| --- | --- |
| Historical research and writing | 183524, 3 |

Learning Outcome
Students will improve their skills in historical research and writing.

## HIST 565 - Sources and Problems in Latter-day Saint History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
565

**Teaching Area**
HIST

**Course Title**
Sources and Problems in Latter-day Saint History

**Course Description**
Lecture, discussion, readings, and student writing on historians' sources and points of view regarding Latter-day Saint history.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical research and writing

**Tags**
183527, 3

**Learning Outcome**
Students will improve their skills in historical research and writing.

**Title**
Historical Knowledge

**Tags**
183525, 0, 1

**Learning Outcome**
Students will increase their understanding of events, themes, and historical context relating to the history of the Church of Jesus Christ of Latter-day Saints.

## HIST 566 - Sources and Problems in Utah History

### Course Information

**Teaching Area (new)**
HIST

**Course Number**
566

**Teaching Area**
HIST

**Course Title**
Sources and Problems in Utah History

**Course Description**
Lecture, discussion, readings, and student writing on historians' sources and points of view regarding Utah history.

**Department**
History

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Historical Knowledge

**Tags**
183528, 1

**Learning Outcome**
Students will increase their understanding of events, themes, and historical context relating to the history of Utah.

**Title**
Historiography

**Tags**
183529, 2

**Learning Outcome**
Students will examine and analyze the historiography of relevant literature on the history of Utah.

**Title**

**Tags**

| Title | Tags |
| --- | --- |
| Historiography | 183526, 0, 2 |

**Learning Outcome**
Students will examine and analyze the historiography of relevant literature dealing with the history of the Church of Jesus Christ of Latter-day Saints.

| | |
| --- | --- |
| Historical research and writing | 183530, 3 |

**Learning Outcome**
Students will improve their skills in historical research and writing.

## HIST 587 - Philosophies of History

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
587
**Teaching Area**
HIST
**Course Title**
Philosophies of History
**Course Description**
Fundamental problems and types of historical analysis and interpretation, philosophies of history, and work of outstanding historians.
**Department**
History
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Historical Knowledge of Historical Writing | 183531, 1 |

**Learning Outcome**
Demonstrate an understanding of major developments in the history of historical writing

| Title | Tags |
| --- | --- |

## HIST 590R - Special Topics

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
590R
**Teaching Area**
HIST
**Course Title**
Special Topics
**Course Description**
Western American, religious, family, Asian, Latin American, and Near Eastern history.
**Department**
History
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Historical Knowledge | 183537, 1 |

**Learning Outcome**
Students will increase their understanding of events, themes and historical context relating to a specific historical subject determined by the instructor.

| Title | Tags |
| --- | --- |

| Identify Terms and Theories | 183532, 2 |
|---|---|

**Learning Outcome**
Learn key historical terms and theories associated with the philosophy of history.

| Historiography | 183538, 2 |
|---|---|

**Learning Outcome**
Students will examine and analyze the historiography of the assigned historical subject.

| Title | Tags |
|---|---|
| Critical Analysis | 183533, 3 |

**Learning Outcome**
Distinguish between analytical and speculative philosophies of history

| Title | Tags |
|---|---|
| Historical research and writing | 183539, 3 |

**Learning Outcome**
Students will improve their skills in historical research and writing.

| Title | Tags |
|---|---|
| Critical Debates | 183534, 4 |

**Learning Outcome**
Consider how philosophies of history inform debates in public history and develop oral skills.

| Title | Tags |
|---|---|
| Historian's Craft and Religious Belief | 183535, 5 |

**Learning Outcome**
Understand debates surrounding reconciling the historian's craft and religious belief and develop insights into how universities sponsored by religious institutions can contribute to higher education

## HIST 598R - Special Readings in History

### Course Information

**Teaching Area (new)**
HIST
**Course Number**
598R
**Teaching Area**
HIST
**Course Title**
Special Readings in History
**Department**
History
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1
**Fixed**
3

## HLTH 101 - Health and the Human Body

### Course Information

**Course Number**
101
**Teaching Area**
HLTH
**Course Title**
Health and the Human Body
**Course Description**
The course presents a holistic view of human health at the individual and population levels, including common functions and problems through a body-systems approach.
**Department**
Public Health
**When Taught**
Fall and Winter

### Credit Hours

**Min**

### Lecture Hours

**Fixed**
0

**Title**
Historical Knowledge

**Tags**
183540, 1

**Learning Outcome**
Students will increase their understanding of events, themes, and historical context relating to a specific historical subject as outlined in an individualized contract between student and instructor.

**Title**
Historiography

**Tags**
183541, 2

**Learning Outcome**
Students will examine and analyze the historiography of the assigned topic.

**Title**
Analysis of Secondary Sources

**Tags**
183542, 3

**Learning Outcome**
Students will improve their ability to read and analyze secondary sources.

3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Human Health

**Learning Outcome**
Students will be able to describe practical aspects of human health from and individual and population level.

**Title**
Disease

**Learning Outcome**
Students will be able to discuss the principal diseases, injuries, and conditions that affect mankind across the lifetime, including how they are acquired, develop, alleviated, controlled, and prevented.

**Title**
Body Systems

**Learning Outcome**
Students will be able to identify and describe the organs and systems of the body, including location and function, as they related to common public health problems.

**Title**
Coping

**Learning Outcome**
Students will be able to describe how the body and mind cope with physical, biological, and life changes (e.g. healing, immune response, trauma, etc.)

**Title**
Stigma

**Learning Outcome**
Students will be able to analyze stigmas and cultural barriers common in human health.

**Learning Outcome**
Students will be able to describe the relationship between

| | |
|---|---|
| Title<br>The Soul | physical health and spiritual health in terms of the human soul (D&C 88:15) and the mission of public health; including stewardship for one's soul and responsibility toward others. |

## HLTH 199R - Global Health Experiences

### Course Information

**Course Number**
199R
**Teaching Area**
HLTH
**Course Title**
Global Health Experiences
**Course Description**
An applied global health experience including domestic and international agency work or shadowing. Does NOT included mentored research.
**Department**
Public Health
**When Taught**
All Semesters/Terms

### Credit Hours

| Min | Max |
|---|---|
| 0.5 | 6 |

| Title | Tags |
|---|---|
| Apply Concepts | 213896, 0, 1, 2023-08-29 09:30:15 |

**Learning Outcome**
Apply public health concepts to agency work in domestic or international settings.

| Title | Tags |
|---|---|
| Writing | 213897, 0, 2, 2023-08-29 09:30:16 |

**Learning Outcome**
Demonstrate proficient writing skills by producing a summary paper at the conclusion of the applied experience.

| Title | Tags |
|---|---|
| Team Member | 213898, 0, 3, 2023-08-29 09:30:18 |

**Learning Outcome**
Function as a collaborative team member while participating in the applied experience.

## HLTH 201 - Contemporary Issues for Student Athletes

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HLTH | 201 |

**Teaching Area**
HLTH
**Course Title**
Contemporary Issues for Student Athletes
**Course Description**
Eligibility issues for intercollegiate student athletes. Skills relating to academic performance and career selection.
**Department**
Public Health
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Serving the community | 203320, 4 |

**Learning Outcome**
Experience the positive benefits of serving in the community.

| Title | Tags |
|---|---|
| Sport psychology | 203340, 2 |

**Learning Outcome**
Learn the basic principles and skills of sport psychology that

will enhance performance.

| Title | Tags |
| --- | --- |
| Orientation | 203345, 0 |

**Learning Outcome**
Orient new freshman student-athletes to BYU and the resources available for them in the Student Athlete Academic Center.

| Title | Tags |
| --- | --- |
| Sport nutrition | 203346, 3 |

**Learning Outcome**
Gain a better understanding of sports nutrition and its impact on performance.

| Title | Tags |
| --- | --- |
| Basic life skills | 203383, 1 |

**Learning Outcome**
Learn basics life skills that will enhance the BYU experience of each student-athlete and prepare them for life after college.

## HLTH 210 - Foundations of Public Health

### Course Information

**Teaching Area (new)**
HLTH
**Course Number**
210
**Teaching Area**
HLTH
**Course Title**
Foundations of Public Health
**Course Description**
Introduction to public health including the public health system and the essential public health services. An overview of the public health major including exploration of careers and graduate school.
**Department**
Public Health
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## HLTH 276R - Exploration of Teaching

### Course Information

**Teaching Area (new)**
HLTH
**Course Number**
276R
**Teaching Area**
HLTH
**Course Title**
Exploration of Teaching
**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.
**Department**
Public Health
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

**Other Prerequisites**
FBI fingerprint and background clearance; major area preadmission requirements

Fixed
3

## Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Define public health | 206917, 1 |

Learning Outcome
Define public health in terms of its functions, systems, essential services and value.

| Title | Tags |
| --- | --- |
| History of public health | 206918, 2 |

Learning Outcome
Identify prominent events in the history of public health

| Title | Tags |
| --- | --- |
| Ethical public health | 206919, 3 |

Learning Outcome
Describe the 12 principles of ethical public health practice.

| Title | Tags |
| --- | --- |
| Public health system | 206920, 4 |

Learning Outcome
Describe the entities that contribute to the public health system.

| Title | Tags |
| --- | --- |
| Public health services | 206921, 5 |

Learning Outcome
Articulate the 10 essential public health services.

| Title | Tags |
| --- | --- |
| Public health disciplines | 206922, 6 |

Learning Outcome
Describe each of the public health disciplines: environmental/occupational health, epidemiology and health promotion.

requirements

| Title | Tags |
| --- | --- |
| Transition 1 Requirements | 203124, 1 |

Learning Outcome
Complete the BYU educator preparation admission requirements (Transition 1) including: mandatory orientation, LiveText registration, Student Field Experience Demographics (FED), Technology Skills Assessment (TSA), Professional & Interpersonal Behavior Scale (PIBS), Dispositional Scale: Self-Assessment, and Graduation Plan.

| Title | Tags |
| --- | --- |
| Moral Dimensions and Contextual Factors | 203125, 2 |

Learning Outcome
Identify the moral dimensions of education and the requirements for the Teacher Work Sample (TWS). Write a Contextual Factors for a school observed.

| Title | Tags |
| --- | --- |
| Frameworks and Standards | 203126, 3 |

Learning Outcome
Demonstrate familiarity with the Utah State health education core curriculum framework, the National Health Education Standards, the CDC's six categories of risk behavior and principles of effective instruction in the 21st Century.

| Title | Tags |
| --- | --- |
| Effective Health Teachers | 203127, 4 |

Learning Outcome
Identify, observe, and reflect upon the characteristics, behaviors, skills, routines, and practices of effective health

| Title | Tags |
| --- | --- |
| Dispositions, Strengths and Weaknesses | 203128, 5 |

Learning Outcome
Evaluate personal and professional dispositions, strengths and weaknesses

| Title | Tags |
| --- | --- |
| Public health careers | 206923, 7 |

**Learning Outcome**
Know the public health careers available, including opportunities for graduate education.

| Title | Tags |
| --- | --- |
| Scientific articles | 206924, 8 |

**Learning Outcome**
Know the basic components of a scientific article.

| Title | Tags |
| --- | --- |
| Scientific writing | 206925, 9 |

**Learning Outcome**
Understand the basics of scientific writing including appropriate citations and reference styles.

relevant to teaching health education at the secondary level.

## HLTH 312 - Introduction to Planning, Interventions, and Evaluation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 312 |

**Teaching Area**
HLTH
**Course Title**
Introduction to Planning, Interventions, and Evaluation
**Course Description**
Introduction to the planning process including assessment; goals and objectives; types of interventions that are commonly used; and basic types of evaluation including process, impact and outcome.
**Department**
Public Health
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

## HLTH 313 - Introduction to Data Collection and Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 313 |

**Teaching Area**
HLTH
**Course Title**
Introduction to Data Collection and Analysis
**Course Description**
Introduction to methods of collecting data in public health, identifying appropriate study designs and statistical analyses for specific public health research questions. \n
**Department**
Public Health
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

3

### Lab Hours

Fixed
0

Other Prerequisites
Major only. HLTH 100 or HLTH 210 may be taken prior to or concurrently with HLTH 312 and HLTH 316.

| Title | Tags |
| --- | --- |
| Program goals | 208381, 0, 4 |

Learning Outcome
Write program goals and objectives that are clear, specific, measurable, achievable, relevant, time bound (SMART).

| Title | Tags |
| --- | --- |
| Program planning model | 208379, 0, 1 |

Learning Outcome
Apply the generalized program planning model to public health practice.

| Title | Tags |
| --- | --- |
| Community assessment | 208382, 0, 2 |

Learning Outcome
Create a plan for community assessment and implement it using appropriate data sources.

| Title | Tags |
| --- | --- |
| Priority Setting and Root Cause Analysis | 209895, 0, 3 |

Learning Outcome
Apply appropriate tools for identifying priority health issues and their root causes.

| Title | Tags |
| --- | --- |
| Interventions | 208383, 0, 5 |

Learning Outcome
Identify evidence-based or promising public health interventions.

| Title | Tags |
| --- | --- |
| Logic models | 208384, 0, 6 |

Learning Outcome
Develop logic models for public

3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Data Sources and Uses | 203504, 2 |

Learning Outcome
Students will distinguish between qualitative and quantitative data sources and uses.

| Title | Tags |
| --- | --- |
| Data Collection | 203505, 3 |

Learning Outcome
Students will explain the basic principles of qualitative and quantitative data collection and contrast various data collection methods.

| Title | Tags |
| --- | --- |
| Analytic Procedures | 203506, 4 |

Learning Outcome
Students will describe basic analytic procedures for qualitative and quantitative data sources.

| Title | Tags |
| --- | --- |
| Data Visualization | 203507, 5 |

Learning Outcome
Students will present data analysis results in text and graphically using principles of data visualization.

| Title | Tags |
| --- | --- |
| Environmental and Spatial Data | 203508, 6 |

Learning Outcome
Students will describe basic characteristics of environmental and spatial data, including collection and analysis considerations.

| Title | Tags |
| --- | --- |
| Human Subjects Research | 203509, 1 |

health interventions and evaluation.

| Title | Tags |
| --- | --- |
| Evaluation | 208385, 0, 7 |

**Learning Outcome**
Differentiate between different types of program evaluation and study designs.

**Learning Outcome**
Students will describe the principles of human subjects research and the purpose of the IRB.

## HLTH 314 - Health, Disease and Their Determinants, Part 1

### Course Information

**Teaching Area (new)**
HLTH
**Course Number**
314
**Teaching Area**
HLTH
**Course Title**
Health, Disease and Their Determinants, Part 1
**Course Description**
An introduction to human health, disease, mental health, and injury and how biological, behavioral, socio-economic, and environmental factors impact health and contribute to health disparities, discussed from a population-wide approach integrating social and behavioral models and theories, descriptive epidemiology, and disease pathophysiology.
**Department**
Public Health
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
HLTH 210

| Title | Tags |
| --- | --- |
| Multifaceted nature of health | 206979, 1 |

## HLTH 315 - Health, Disease and Their Determinants, Part 2

### Course Information

**Teaching Area (new)**
HLTH
**Course Number**
315
**Teaching Area**
HLTH
**Course Title**
Health, Disease and Their Determinants, Part 2
**Course Description**
Persistent, emerging, and re-emerging population health problems and how evidence-based prevention and control strategies are applied in public health settings. Aims to expand on students' cumulative understanding of the descriptive epidemiology and pathophysiology of disease, injury, and mental health learned in HLTH 314. Origins of health disparities, and how social and behavioral sciences can contribute to providing effective intervention strategies. \n\n
**Department**
Public Health
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**

Learning Outcome
Discuss and examine the multifaceted nature of health as influenced by biological, behavioral, socio-economic, and environmental determinants of health and disease, and the roles of gender, race, ethnicity, poverty, and other evolving demographics on population health.

| Title | Tags |
| --- | --- |
| Health behaviors | 206980, 2 |

Learning Outcome
Describe models and theories that explain and predict health behaviors, including those from the intrapersonal, interpersonal, and community/ecological domains.

| Title | Tags |
| --- | --- |
| Indicators of health | 206981, 3 |

Learning Outcome
Identify and examine trends, factors, and key indicators of health and the leading causes of morbidity and mortality through a life course perspective.

| Title | Tags |
| --- | --- |
| Health threats | 206982, 4 |

Learning Outcome
Discuss the origin, transmission mechanisms, and dynamics of persistent, emerging, and re-emerging health threats, from the perspective of interactions among host, agents, and environment.

| Title | Tags |
| --- | --- |
| Determinants health and wellness | 206983, 5 |

Learning Outcome
Analyze the fundamental pathophysiological mechanisms, modesof disease transmission, and the physiological and cognitive processes that determine health and wellness and how these can be altered by disease.

Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- 

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 314 - Health, Disease and Their Determinants, Part 1

**Additional Comments:**

**Recommended**
HLTH 210

| Title | Tags |
| --- | --- |
| Health threats | 206996, 1 |

Learning Outcome
Discuss recent developments in emerging/re-emerging health threats within the context of prevention and control strategies.

| Title | Tags |
| --- | --- |
| Health behavior and health behavior change | 206997, 2 |

Learning Outcome
Explain how individual health behavior and health behavior change are influenced by policy, environmental engineering, communication strategies, educational interventions, health counseling, community mobilization, and access to services.

| Title | Tags |
| --- | --- |
| Health Promotion | 206998, 3 |

Learning Outcome
Discuss how public health promotes health and reduces the risk for diseases,injuries,health inequities, mental health problems, and adverse environmental exposures.

| Title | Tags |
| --- | --- |
| Health behavior change theories | 206999, 4 |

Learning Outcome
Understand and apply selected health behavior change theories to prevent disease at the

individual, family, and community levels.

| Title | Tags |
| --- | --- |
| Scientific literature | 207000, 5 |

**Learning Outcome**
Interpret scientific literature relative to a specific disease, its risk factors, control strategies, and associated policies.

| Title | Tags |
| --- | --- |
| Social and behavioral sciences | 207001, 6 |

**Learning Outcome**
Discuss how social and behavioral sciences (psychology, anthropology, sociology, and economics) are applied to improve health outcomes.

## HLTH 316 - Influencing Health through Health Systems and Policy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 316 |

**Teaching Area**
HLTH
**Course Title**
Influencing Health through Health Systems and Policy
**Course Description**
Overview of the roles and responsibilities of public health government, non-government agencies, private organizations, health services, and health systems in promoting health, and how to collaborate with partners to accomplish public health objectives. Overview of the influence of policies, laws, regulations, and legislation on both individual and population health.
**Department**
Public Health
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## HLTH 320 - Advanced First Aid and Safety

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 320 |

**Teaching Area**
HLTH
**Course Title**
Advanced First Aid and Safety
**Course Description**
In-depth coverage of first aid procedures for injuries and sudden illness. Leads to first aid and CPR certifications.
**Department**
Public Health
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

### Lab Hours

Fixed
0

Other Prerequisites
HLTH 100 or HLTH 210 may be taken prior to or concurrently with HLTH 312 and HLTH 316.

Recommended
Hlth 314, Hlth 315

Title
Policies, systems, and health services

Tags
206931, 1

Learning Outcome
Describe how policies, systems, and health services affect the populations in a community

Title
Stakeholders

Tags
206933, 3

Learning Outcome
Compare and contrast the structures, functions, and aims of various stakeholders involved in the design and implementation of policy and system responses to public health problems.

Title
Key terms, conceptual frameworks, and theories

Tags
206932, 0, 2

Learning Outcome
Describe and apply key terms, conceptual frameworks, and theories that relate to ways in which policies and systems are used to respond to public health problems.

Title
Influencing policy and systems change

Tags
206934, 0, 4

Learning Outcome
Use various processes and methods to strategically influence policy (including regulatory, legislative, and organizational) and systems change.

Title
Communication

Tags
206937, 0, 6

Learning Outcome

Fixed
0

Title
CPR, AED, Bandaging, and Splinting

Tags
203135, 1

Learning Outcome
Demonstrate the skills involving cardiopulmonary rescuitation (CPR), automated external defibrillation (AED), bandaging, and splinting.

Title
Importance of First Aid

Tags
203136, 2

Learning Outcome
Identify the importance of first aid and emergency care

Title
Emergency Decisions

Tags
203137, 4

Learning Outcome
Identify the decisions involved during an emergency.

Title
First Aid and Emergency Care Procedures

Tags
203138, 5

Learning Outcome
Describe proper first aid and emergency care procedures for specific emergency problems.

Title
Emergency Problems

Tags
203319, 2

Learning Outcome
Recognize specific emergency problems (i.e., heart attack, fracture, open wound, burn insect sting) through their signs and symptoms.

Effectively communicate relevant policy information to key stakeholders.

| Title | Tags |
| --- | --- |
| Multiple perspectives | 210041, 0, 7 |

**Learning Outcome**
Challenge their own and others' pre-conceived ideas and assumptions to appreciate multiple perspectives regarding critical public health policy and systems debates.

| Title | Tags |
| --- | --- |
| Scientific literature | 209896, 0, 5 |

**Learning Outcome**
Make evidence-based policy recommendations to decision-makers by drawing upon an analysis of policy options in the scientific literature.

## HLTH 322 - Environmental Health

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 322 |

**Teaching Area**
HLTH
**Course Title**
Environmental Health
**Course Description**
Environmental factors as determinants of human health: ecosystem and population dynamics; biological, chemical, and physical hazards; risk assessment; economic, political, cultural, and genetic factors.
**Department**
Public Health
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## HLTH 324 - Occupational Health and Safety

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 324 |

**Teaching Area**
HLTH
**Course Title**
Occupational Health and Safety
**Course Description**
In-depth focus on workplace health and safety through a multidisciplinary approach to the anticipation, recognition, evaluation, and prevention and control of workplace-related illnesses and injuries.
**Department**
Public Health
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Hlth 100.

| Title | Tags |
| --- | --- |
| Perspective | 203139, 1 |

**Learning Outcome**
Provide a global perspective of environmental issues impacting human health

| Title | Tags |
| --- | --- |
| Hazards | 203140, 2 |

**Learning Outcome**
Describe the various biological, chemical and physical hazards of the ambient, indoor, and work environment that can adversely affect human health

| Title | Tags |
| --- | --- |
| Environmental Management | 203141, 4 |

**Learning Outcome**
Describe how environmental management practices may contribute to or help control emerging diseases

| Title | Tags |
| --- | --- |
| Assessment | 203142, 5 |

**Learning Outcome**
Provide an assessment of those national and international health agencies, programs, and other resources that play critical roles in improving human health relative to environmental factors

| Title | Tags |
| --- | --- |
| Policy | 203143, 6 |

**Learning Outcome**
Discuss elements of policy making as they influence environmental health issues

| Title | Tags |
| --- | --- |
| Determinants | 203471, 3 |

**Learning Outcome**

### Lab Hours

**Fixed**
0

**Recommended**
Chem 105 and Math 110 or equivalent

| Title | Tags |
| --- | --- |
| OSHA Standards and Violations | 203342, 1 |

**Learning Outcome**
Demonstrate competency in using the OSHA standards by identifying specific violations of current standards.

| Title | Tags |
| --- | --- |
| Safety and Health Program Management | 203369, 3 |

**Learning Outcome**
Explain how the functions of management are utilized to assure safe conditions and practices through the development of specific programs as well as an overall safety and health program.

| Title | Tags |
| --- | --- |
| Safety and Health Legislation | 203371, 1 |

**Learning Outcome**
Describe the purpose and scope of the Occupational Health and Safety Act as well as other relevant safety and health legislation and consensus standards.

| Title | Tags |
| --- | --- |
| Loss Control Strategies | 203372, 4 |

**Learning Outcome**
Identify, evaluate, and develop loss control strategies to address the hazards associated with operating common manufacturing and construction equipment and processes.

| Title | Tags |
| --- | --- |
| Accident Investigation | 203380, 2 |

**Learning Outcome**
Discuss and demonstrate the elements involved in completing an accident investigation.

| | |
|---|---|
| Discuss those determinants and factors that affect human health and the health of the environment | |

## HLTH 330 - Principles and Practices of Health Promotion

### Course Information

**Teaching Area (new)**
HLTH

**Course Number**
330

**Teaching Area**
HLTH

**Course Title**
Principles and Practices of Health Promotion

**Course Description**
Introduction to the health promotion profession, emphasizing current issues, professional preparation and employment, as well as the philosophy and foundations of professional practice in various settings.

**Department**
Public Health

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Hlth 100

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/HLTH-330-M001.

| Title | Tags |
|---|---|
| Effective Communication | 203235, 6 |

**Learning Outcome**
Identify techniques for enhancing communication in interactions with clients in health promotion settings.

## HLTH 332 - Technology in Health Promotion

### Course Information

**Teaching Area (new)**
HLTH

**Course Number**
332

**Teaching Area**
HLTH

**Course Title**
Technology in Health Promotion

**Course Description**
Application of computer software and electronic communication technologies in health promotion.

**Department**
Public Health

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Health Promotion Solutions | 203236, 7 |

**Learning Outcome**
Propose health promotion solutions to address health problems among various populations.

| Title | Tags |
| --- | --- |
| Health Promotion Resources and Organizations | 203334, 2 |

**Learning Outcome**
Identify organizations, resources, and professional journals associated with health promotion.

| Title | Tags |
| --- | --- |
| Professional Opportunities | 203341, 1 |

**Learning Outcome**
Identify professional opportunities available to health education/health promotion specialists in community, school, worksite, and health care settings.

| Title | Tags |
| --- | --- |
| Health Specialist Roles and Responsibilities | 203344, 1 |

**Learning Outcome**
Identify the roles and responsibilities for health education/health promotion specialists and opportunities for certifications and advanced study.

| Title | Tags |
| --- | --- |
| Diverse Populations Health Promotion | 203349, 4 |

**Learning Outcome**
Demonstrate awareness and sensitivity of the diverse and unique needs of various age group populations and cultural groups for health promotion.

| Title | Tags |
| --- | --- |
| Health Promotion Overview | 203394, 3 |

**Learning Outcome**

Provide an overview of theories, models, and initiatives used to guide decision-making in the planning and implementation of health promotion programs and health behavior change.

## HLTH 335 - Health Behavior Change

### Course Information

**Teaching Area (new)**
HLTH

**Course Number**
335

**Teaching Area**
HLTH

**Course Title**
Health Behavior Change

**Course Description**
Understanding health behavior change theories for individuals and populations. Practical application of related models and theories.

**Department**
Public Health

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Hlth 330.

**Title**
Socio-Behavioral Theories and Models

**Tags**
203498, 1

**Learning Outcome**

Students will understand and be able to use the prominent models and theories that are used in public health to predict and to understand human behavior.

## HLTH 345 - Principles of Epidemiology

### Course Information

**Teaching Area (new)**
HLTH

**Course Number**
345

**Teaching Area**
HLTH

**Course Title**
Principles of Epidemiology

**Course Description**
Applying analytical tools to study acute and chronic disease to facilitate investigation and control of epidemics.

**Department**
Public Health

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HLTH 313 - Introduction to Data Collection and Analysis

**Additional Comments:**

**Recommended**
Stat 121

**Title**

**Tags**

| Title | Tags |
| --- | --- |
| Prominent Theoretical Features and Constructs for Informing Practice | 203499, 2 |

**Learning Outcome**

Students will be able to design interventions based upon health behavior theories and models.

| Title | Tags |
| --- | --- |
| Theories of Disease Causation | 203455, 1 |

**Learning Outcome**

Students will describe the theories of disease causation and apply these models to a variety of health conditions.

| Title | Tags |
| --- | --- |
| Study Designs | 203456, 2 |

**Learning Outcome**

Students will describe the major epidemiology study designs, their strengths and weaknesses and demonstrate understanding of conditions under which each study design is preferred. Students will apply this knowledge to a variety of health conditions.

| Title | Tags |
| --- | --- |
| Measures of Disease Frequency | 203457, 3 |

**Learning Outcome**

Students will define "measures of disease frequency" and identify common measures in epidemiology (incidence, prevalence & other health indicators). Students will demonstrate when each measure is appropriate, identify the correct equation, calculate and interpret the results

| Title | Tags |
| --- | --- |
| Disease Distribution | 203458, 4 |

**Learning Outcome**

Students will use measures of disease frequency to describe the pattern and distribution of disease.

| Title | Tags |
| --- | --- |
| Measures of Association | 203459, 5 |

**Learning Outcome**

Students will define "measures of association" and describe their purpose. Students will identify the most common measures of association (relative & absolute) in epidemiology, explain when each measure is appropriate, identify their formulas, calculate and interpret the results of each measure

measure.

| Title | Tags |
| --- | --- |
| Threats to Study Validity | 203460, 6 |

**Learning Outcome**
Students will identify and define "Threats to Study Validity" (random error, bias, confounding, etc.). Students will evaluate epidemiologic research (conceptually and using basic analysis) for possible threats to study validity. Students will describe and perform strategies for testing and controlling for threats to study validity.

## HLTH 381 - School Health Education Methods and Curriculum A

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 381 |

**Teaching Area**
HLTH
**Course Title**
School Health Education Methods and Curriculum A
**Course Description**
Part A of methods and curriculum preparation; effective implementation of instruction related to substance abuse prevention, safety and injury prevention, and reproductive health for secondary students; unit and lesson planning, assessment of learner performance; practice teaching.
**Department**
Public Health
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2.5

### Lab Hours

**Fixed**
0

## HLTH 382 - School Health Education Methods and Curriculum B

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 382 |

**Teaching Area**
HLTH
**Course Title**
School Health Education Methods and Curriculum B
**Course Description**
Part B of methods and curriculum preparation; effective implementation of instruction related to mental and emotional health, nutrition and fitness, and disease prevention for secondary students; unit and lesson planning, assessment of learner performance; practice teaching.
**Department**
Public Health
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2.5

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Best Methods | 203144, 5 |

**Learning Outcome**
Evaluate possible teaching methods and select the best method(s) to use when teaching specific health content areas.

| Title | Tags |
| --- | --- |
| Teacher Work Sample Applications | 203145, 6 |

**Learning Outcome**
Apply a systematic instructional design process to lesson planning that utilizes Teacher Work Sample steps and provides sufficient detail and clarity for other educators to teach the lesson plan as designed and intended.

| Title | Tags |
| --- | --- |
| Instructional Strategies | 203337, 3 |

**Learning Outcome**
Identify and experiment with a variety of instructional strategies and teaching methods to enhance health teaching including those that emphasize active learning and skill development.

| Title | Tags |
| --- | --- |
| Teaching Resources and Standards | 203379, 0 |

**Learning Outcome**
Identify and apply teaching resources, national and state standards, and state frameworks for teaching health education.

| Title | Tags |
| --- | --- |
| Risks, Concerns and Challenges | 203382, 2 |

**Learning Outcome**
Identify health risks, concerns, and challenges confronting school-age youth and develop teaching materials for helping strategies.

| Title | Tags |
| --- | --- |
| Classroom Environments | 203393, 1 |

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HLTH 276R - Exploration of Teaching

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Curriculum Planning | 203147, 1 |

**Learning Outcome**
Create a semester outline, unit maps, and lesson plans for a secondary school health education course based upon National School Health Education Standards and the Utah State Office of Education Core Curriculum.

| Title | Tags |
| --- | --- |
| Effective Practices | 203148, 2 |

**Learning Outcome**
Know and demonstrate effective characteristics of health education.

| Title | Tags |
| --- | --- |
| Professionalism | 203149, 3 |

**Learning Outcome**
Demonstrate professionalism in conduct, character, collaboration, and attitude.

| Title | Tags |
| --- | --- |
| Practicum | 203150, 4 |

**Learning Outcome**
Qualify for student teaching field experience by completing a practicum and Teacher Work Sample, passing the Praxis exam, and successfully completing a student teaching application.

Learning Outcome
Identify and apply strategies for creating classroom environments conducive to optimal learning and emotional well-being.

## HLTH 383 - Mind/Body Health

### Course Information

Teaching Area (new)
HLTH
Course Number
383
Teaching Area
HLTH
Course Title
Mind/Body Health
Course Description
Theories and research on the effect of emotions and attitudes on health: how negative emotions increase disease susceptibility and positive emotions encourage immune strength, health, and healing. Behavioral medicine and complementary and alternative health practices also presented.
Department
Public Health
When Taught
Fall, Winter, Spring

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Title
Contributing Influences
Tags
203390, 1
Learning Outcome
Identify and evaluate the behavioral, social, and cultural thought processes that contribute to disease.(Learning activities: lecture, class discussion, research study reviews, exams)

## HLTH 403R - Special Topics

### Course Information

Teaching Area (new)
HLTH
Course Number
403R
Teaching Area
HLTH
Course Title
Special Topics
Department
Public Health
When Taught
Fall, Winter, Summer

#### Credit Hours

Min
0.5
Fixed
5

Title
Explore Public Health
Tags
203418, 1
Learning Outcome
Reflect a focused analysis of readings and conduct applied projects for a special readings topic important to public health.

Title
Explore Public Health
Tags
203360, 0
Learning Outcome
Reflect a focused analysis of readings and conduct applied projects for a special readings topic important to public health.

| Title | Tags |
| --- | --- |
| Mental Processes and Disease Development | 203429, 1 |

**Learning Outcome**
Identify and understand the connection between mental processes/beliefs and how they contribute to chronic and infectious disease.
(Learning activities: lecture, class discussion, group presentations, videos)

## HLTH 413 - Refugee and Migrant Health

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 413 |

**Teaching Area**
HLTH
**Course Title**
Refugee and Migrant Health
**Course Description**
Various types of refugees and internally displaced persons (IDPs) evolving from conflict, natural disaster, or trafficking situations. Emphasizing emergency response, along with political, cultural, social, and organizational aspects of health and disease prevention and control, in addition to the challenges and potential solutions of resettlement.
**Department**
Public Health
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Refugee and Migrant Health | 203409, 1 |

## HLTH 420 - Injury and Violence Prevention

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 420 |

**Teaching Area**
HLTH
**Course Title**
Injury and Violence Prevention
**Course Description**
Concepts and interventions related to both unintentional injuries and violence.
**Department**
Public Health
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

Learning Outcome
Students will demonstrate knowledge of refugee and migrant health.

- HLTH 210 - Foundations of Public Health

**Additional Comments:**

| Title | Tags |
|---|---|
| Injury Prevention | 203151, 2 |

Learning Outcome
Define the terms used in the injury prevention field.

| Title | Tags |
|---|---|
| Injury Analysis and Intervention | 203152, 3 |

Learning Outcome
Describe the models used to analyze injuries and determine interventions.

| Title | Tags |
|---|---|
| Injury Prevention Information Sources | 203153, 4 |

Learning Outcome
Select valid sources of injury prevention information.

| Title | Tags |
|---|---|
| Prevention Intervention Selection and Recommendation | 203154, 5 |

Learning Outcome
Select and recommend proven and effective injury prevention interventions.

| Title | Tags |
|---|---|
| Injury Impact | 203335, 1 |

Learning Outcome
Describe the impact of injures on health and on society in terms of mortality, morbidity, disability, and cost.

## HLTH 422 - Disaster Response and Emergency Preparedness

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HLTH | 422 |

Teaching Area
HLTH
Course Title
Disaster Response and Emergency Preparedness

## HLTH 425 - Working with Vulnerable and Diverse Populations

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HLTH | 425 |

Teaching Area
HLTH
Course Title
Working with Vulnerable and Diverse Populations

Disaster Response and Emergency Preparedness

**Course Description**
Key elements of public health preparedness and response to the variety of natural, technological, and man-made disasters occurring routinely on a global basis.

**Department**
Public Health

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Hlth 311, 420.

| Title | Tags |
| --- | --- |
| Hazards | 203413, 1 |

**Learning Outcome**
Identify the major types of natural and manmade disasters, and describe how they affect public health, government and non-government roles in disaster situations, and how current laws governing emergency management have evolved in response to disaster events.

| Title | Tags |
| --- | --- |
| Assessment | 203414, 2 |

**Learning Outcome**
Be able to use risk assessment tools to identify organizational priorities for public health preparedness, response, and recovery activities.

| Title | Tags |
| --- | --- |
| Management | 203415, 3 |

**Learning Outcome**
Describe the emergency management cycle, leadership

Working with Vulnerable and Diverse Populations

**Course Description**
Developing skills and building competency in working effectively with vulnerable and diverse populations in domestic settings. Emphasis on cultural competency and cross-cultural communication skills, and their application in the variety of settings where health care and public health professionals work.

**Department**
Public Health

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
MSB 288, ACC 588, MBA 588, IS 588, or MSB 588; A suggested pre-requisite exists for MSB students (MSB 288/MSB588) and does not apply to PH students

management cycle, leadership theories governing emergency management, and the incident command model used in emergency response operations.

| Title | Tags |
| --- | --- |
| Communication | 203416, 4 |

**Learning Outcome**
Communicate effectively, both orally and in writing, in the terminology of the emergency management discipline, and demonstrate ability to collaborate in a team setting to solve problems related to public health emergency management and disaster response.

## HLTH 426 - Environmental Toxicology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 426 |

**Teaching Area**
HLTH
**Course Title**
Environmental Toxicology
**Course Description**
Examines basic concepts of toxicology as they apply to environmental toxicology. Discusses toxicokinetics of foreign chemical agents on biological systems. Focuses on understanding and prevention of mortality and morbidity resulting from environmental exposure to toxic substances.
**Department**
Public Health
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## HLTH 428 - Occupational Exposure Assessment Lab

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 428 |

**Teaching Area**
HLTH
**Course Title**
Occupational Exposure Assessment Lab
**Course Description**
Theory and application of occupational sampling methods that are used to evaluate chemical, biological, and physical exposures in the workplace. Focus on the quantitative and qualitative methods used to evaluate occupational exposures to suspended particulates, gaseous contaminants, noise and other physical agents, and biological agents; interpretation of sampling results; identification of appropriate control strategies to prevent hazardous exposures; and exposure assessment communication.
**Department**
Public Health
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HLTH 322 - Environmental Health

**Additional Comments:**

**Recommended**
Chem 106, 107

### Lab Hours

**Fixed**
3

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HLTH 322 - Environmental Health
  **AND** HLTH 324 - Occupational Health and Safety

**Additional Comments:**

**Recommended**
Chem 105 and Math 110 or equivalent

| Title | Tags |
|---|---|
| Sampling and Exposure | 203410, 1 |

**Learning Outcome**
Students will improve their ability to solve problems using sampling and exposure assess lab.

## HLTH 429 - Environmental Exposure Assessment Lab

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HLTH | 429 |

**Teaching Area**
HLTH
**Course Title**
Environmental Exposure Assessment Lab
**Course Description**
Theory and application of environmental sampling methods that are used to evaluate chemical, physical, and biological exposures outside the workplace. Major topics will include sampling of particulate matter and gaseous pollutants in ambient air, indoor environmental quality, and radiation exposures; interpretation of sampling results; identification of appropriate control strategies to prevent hazardous exposures; and exposure assessment communication.
**Department**
Public Health
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

## HLTH 431 - Health Communication and Advocacy

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HLTH | 431 |

**Teaching Area**
HLTH
**Course Title**
Health Communication and Advocacy
**Course Description**
This course will study applied health communication strategies that inform individual and community decision-making aimed at enhancing health. It also embeds the role of advocacy by incorporating social networking and mobilization, interpersonal communication and negotiation, as well as the use of earned media and social platforms for generating public discourse.
**Department**
Public Health
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 322 - Environmental Health
  **AND** HLTH 324 - Occupational Health and Safety
  **AND** HLTH 428 - Occupational Exposure Assessment Lab

**Additional Comments:**

**Recommended**
Chem 105; Math 110

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 312 - Introduction to Planning, Interventions, and Evaluation
  **AND** HLTH 316 - Influencing Health through Health Systems and Policy

**Additional Comments:**

**Other Prerequisites**
HLTH 100, HLTH 210. Majors only.

**Title**
1. Communication skill development involving peer feedback

**Tags**
207163, 1

**Learning Outcome**
Enhance professional writing skills for audiences relevant to public health by learning new tools and communication strategies (interpersonal communication, mass media, new media, and team-building skills with linguistic and cultural proficiency), and by listening, reflection and data gathering, and both receiving and providing peer feedback.

**Title**
2. Promote appropriate communication

**Tags**
207164, 2

**Learning Outcome**
Select communication approaches for disseminating public health data and information, including social media, technology, modern mass media and community gatherings, to influence stakeholders, policy makers and their constituents on issues of public health importance.

| Title | Tags |
| --- | --- |
| 3. Audience sensitivity and Discipleship | 207165, 3 |

**Learning Outcome**
Reflect personal interests and professional plans to be sensitive to the views of others, especially audiences most affected by a problem, by learning how people think, feel and act as a result of a communicated product or experience.

| Title | Tags |
| --- | --- |
| 4. Advocate for policy or environmental change | 207167, 4 |

**Learning Outcome**
Identify relevant constituencies and appropriate advocacy strategies to influence decision makers regarding health-related policies, regulations, laws, or rules at organizational and community levels using health communication tools.

| Title | Tags |
| --- | --- |
| 5. Advocacy experience | 207178, 5 |

**Learning Outcome**
Identify advocacy practices, including framing health issues, to advocate for policy change in compliance with local, state, and/or federal policies and procedure.

## HLTH 434 - Advanced Evaluation Methods

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 434 |

**Teaching Area**
HLTH
**Course Title**
Advanced Evaluation Methods
**Course Description**
Design and carry out an evaluation plan that will measure the impact of public health programs at changing behaviors, knowledge, attitudes, and health status. Quantitative and qualitative methods will be discussed.
**Department**
Public Health
**When Taught**
Fall and Winter

## HLTH 436 - Sexuality Education in the Curriculum

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 436 |

**Teaching Area**
HLTH
**Course Title**
Sexuality Education in the Curriculum
**Course Description**
Preparing prospective teachers to teach sexuality education related to health curricula. Maturation, family health issues, parenthood, interpersonal skills, and related pedagogy issues.
**Department**
Public Health
**When Taught**

Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 312 - Introduction to Planning, Interventions, and Evaluation
  **AND** HLTH 313 - Introduction to Data Collection and Analysis

**Additional Comments:**

**Other Prerequisites**
HLTH 100, HLTH 210. Majors only.

**Recommended**
HLTH 313

**Note**
This course should be completed prior to taking Hlth 439: Advanced Program Planning.

| Title | Tags |
|---|---|
| Logic Model | 203424, 4 |

**Learning Outcome**
Create a logic model for program evaluation

| Title | Tags |
|---|---|
| Performance Indicators | 203425, 5 |

**Learning Outcome**
Identify key performance indicators for process, impact, and outcome evaluations

| Title | Tags |
|---|---|
| Role of Evaluation | 203426, 8 |

**Learning Outcome**
Describe the role of program evaluation within a health

Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
|---|---|
| Resolving Concerns | 203155, 1 |

**Learning Outcome**
By the end of this course, each student will address and resolve concerns related to sexuality education and the promotion of sexual health in a caring, professional, and competent manner.

| Title | Tags |
|---|---|
| Content Knowledge | 203156, 2 |

**Learning Outcome**
By the end of this course, each student will demonstrate a mastery of the content knowledge necessary to teach sexuality education in professional settings.

| Title | Tags |
|---|---|
| Instructional Regulations | 203157, 3 |

**Learning Outcome**
By the end of this course, each student will be familiar with the rules and regulations for sexuality education in Utah's public schools.

| Title | Tags |
|---|---|
| Research | 203158, 4 |

**Learning Outcome**
By the end of this course, each

promotion program

| Title | Tags |
| --- | --- |
| Process, Impact and Outcome Evaluations | 203481, 3 |

**Learning Outcome**
Know the appropriate use of process evaluations, including quality improvement, impact evaluation, and outcome evaluations

| Title | Tags |
| --- | --- |
| Evaluation Plan | 203482, 6 |

**Learning Outcome**
Develop an evaluation plan for a public health program using the CDC evaluation framework

| Title | Tags |
| --- | --- |
| Data Collection | 203483, 1 |

**Learning Outcome**
Collect primary data

| Title | Tags |
| --- | --- |
| Communicate Findings | 203484, 9 |

**Learning Outcome**
Present evaluation results to stakeholders

student will demonstrate an understanding of sexuality education research related to a specific area of their intended professional service.

| Title | Tags |
| --- | --- |
| Professional Preparation | 203159, 5 |

**Learning Outcome**
By the end of this course, each student will demonstrate an understanding of sexuality education information related to a specific area of thier intended professional service.

## HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 440 |

**Teaching Area**
HLTH
**Course Title**
Introduction to Statistical Computing in Epidemiology (SAS)
**Course Description**
Introduction to the basics of SAS and EXCEL focusing on the set of commands useful for data-reporting, data-management, formatting and graphics, and data-analysis. Topics include tables and regression models for epidemiologists (cumulative-incidence, case-control, and incidence rate data).
**Department**
Public Health
**When Taught**
Fall and Winter

## HLTH 442 - Special Topics in Epidemiology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 442 |

**Teaching Area**
HLTH
**Course Title**
Special Topics in Epidemiology
**Course Description**
Topics include environmental epidemiology, statistical methods in epidemiology, social epidemiology, genetic epidemiology, categorical data analysis, applied longitudinal analysis, survival analysis, and life table methods.
**Department**
Public Health
**When Taught**
Winter

### Credit Hours

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Stat 121

| Title | Tags |
| --- | --- |
| Data Management | 203239, 1 |

Learning Outcome
Identify the principles of data management.

| Title | Tags |
| --- | --- |
| Presentation of Data | 203240, 2 |

Learning Outcome
Describe how/when to use tables, charts and graphs for data presentation.

| Title | Tags |
| --- | --- |
| Charts & Graphs | 203241, 3 |

Learning Outcome
Create tables, graphs and charts in Excel for presenting public health data.

| Title | Tags |
| --- | --- |
| SAS | 203242, 4 |

Learning Outcome
Use SAS to manipulate datasets provided by sources such as the Centers for Disease Control and Prevention.

| Title | Tags |
| --- | --- |
| SAS Procedures | 203243, 5 |

Learning Outcome

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Hlth 345, Stat 121.

| Title | Tags |
| --- | --- |
| Designs and Modeling | 203249, 3 |

Learning Outcome
Describe Epidemiologic Study Designs and explain Statistical Modeling and Causal Inference

| Title | Tags |
| --- | --- |
| Climate Issues | 203333, 8 |

Learning Outcome
Describe how Climate Change can affect Health

| Title | Tags |
| --- | --- |
| Contaminant Issues | 203343, 6 |

Learning Outcome
Give examples of current health issues in Soil and Food Contaminants

| Title | Tags |
| --- | --- |
| Air Issues | 203347, 5 |

Learning Outcome
Give examples of current health issues in Indoor and Ambient Air Quality

| Title | Tags |
| --- | --- |
| Water Issues | 203348, 7 |

Learning Outcome
Give examples of current health issues in Water and Radiation

Use basic SAS procedures to explore, describe and analyze data, including proc contents, proc freq, proc means, proc univariate and proc print.

| Title | Tags |
| --- | --- |
| Data Cleaning & Recoding | 203244, 6 |

**Learning Outcome**
Clean and recode data to prepare it for analysis using a variety of data cleaning techniques. Document all cleaning and recoding using comments in the SAS program and external documentation (code books, data dictionaries etc.).

| Title | Tags |
| --- | --- |
| Output | 203245, 7 |

**Learning Outcome**
Create clear and documented output using labels, titles, and formats.

| Title | Tags |
| --- | --- |
| Basic Analysis | 203480, 8 |

**Learning Outcome**
Conduct basic analyses using SAS including frequencies, proportions, chi-square, relative risk, odds ratio & logistic regression.

| Title | Tags |
| --- | --- |
| Monitor | 203363, 1 |

**Learning Outcome**
Show how Monitoring is accomplished in Environmental Health

| Title | Tags |
| --- | --- |
| Mapping, GIS, Time Series | 203373, 4 |

**Learning Outcome**
Describe Mapping, Geographic Information Systems and Time Series

| Title | Tags |
| --- | --- |
| Elements of Assessment | 203388, 0 |

**Learning Outcome**
Explain the Basic Elements of Research, Exposure and Outcome Assessment

| Title | Tags |
| --- | --- |
| Challenges with Investigation | 203389, 3 |

**Learning Outcome**
Explain challenges associated with investigating Disease Clusters

## HLTH 447 - Introduction to Biostatistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 447 |

**Teaching Area**
HLTH
**Course Title**
Introduction to Biostatistics
**Course Description**
Introduction to statistical concepts and analytical methods as applied to data encountered in biotechnology and biomedical sciences. Emphasis on the basic concepts of experimental design, quantitative analysis of data, and statistical inferences.
**Department**
Public Health
**When Taught**
Fall and Winter

**Credit Hours**

## HLTH 449 - Epidemiologic Study Design & Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 449 |

**Teaching Area**
HLTH
**Course Title**
Epidemiologic Study Design & Analysis
**Course Description**
Building on courses in epidemiologic methods (HLTH 345), data management (HLTH 440), and biostatistics (HLTH 447), HLTH 449: Epidemiologic Study Design and Analysis helps students identify appropriate study designs and statistical analyses for specific public health research questions and implement these design and analysis strategies using statistical software and epidemiologic datasets.
**Department**
Public Health
**When Taught**

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 210 - Foundations of Public Health
  **AND** HLTH 313 - Introduction to Data Collection and Analysis

**Additional Comments:**

**Recommended**
HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)

| Title | Tags |
|---|---|
| Concepts | 203439, 1 |

**Learning Outcome**

Epidemiologic research questions can be translated into statistical questions that can be addressed using appropriate data and quantitative data analysis methods.
Data analysis should be informed by an understanding of the epidemiologic study design and data collection methods that gave rise to the data, and limitations of the data such as missingness, information bias, and selection bias.
Many epidemiologic research questions involve comparisons across groups, where associations between exposures and outcomes are likely confounded by other variables due to a lack of randomization of exposures in the study design.
Standardization and regression are two methods of reducing

**When Taught**
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 345 - Principles of Epidemiology
  **AND** HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)
  **AND** HLTH 447 - Introduction to Biostatistics

**Additional Comments:**

| Title | Tags |
|---|---|
| Study Validity | 208297, 0, 2 |

**Learning Outcome**
Describe and perform strategies for testing and controlling for threats to internal and external study validity.

| Title | Tags |
|---|---|
| Assess Epidemiological Literature | 208298, 0, 3 |

**Learning Outcome**
Critique assessment of selected papers in the epidemiological literature. These papers will represent analytic epidemiological study designs (case-control, cohort, experimental)

| Title | Tags |
|---|---|
| Study Design | 208296, 0, 1 |

confounding when estimating associations.
Biostatistical procedures rely on concepts of probability and probability distributions. Using these concepts, samples are used to estimate unknown population parameters, and precision of estimates is shown with confidence intervals.

| Title | Tags |
| --- | --- |
| Procedures | 203440, 2 |

**Learning Outcome**

Summarize nominal, ordinal, and numerical data in tables and graphs
Calculate sensitivity, specificity, positive and negative predictive values
Select a probability sample using random numbers
Standardize means, proportions, and rates across groups for comparison
Calculate point estimates, confidence intervals, and P values
Compare means using t tests and linear regression
Compare proportions using chi-square tests, logistic regression, and binary regression
Compare rates using Poisson regression
Calculate life tables and Kaplan-Meier curves for survival data
Compare survival times using log rank tests and Cox proportional hazards regression
Combine results from multiple studies using meta-analysis procedures

| Title | Tags |
| --- | --- |
| Modes of Communication | 203441, 3 |

**Learning Outcome**

Communicate research findings to a scientific audience in writing (primary focus)
Communicate research findings to a scientific audience orally (secondary focus)

| Title | Tags |
| --- | --- |
| Concepts | 210993, 0, 4 |

| Title | Tags |
| --- | --- |
| Study Design | 208296, 0, 1 |

**Learning Outcome**

Be familiar with the basic descriptive and analytic study designs and statistical measures used in epidemiological research.

**Learning Outcome**

Epidemiologic research questions can be translated into statistical questions that can be addressed using appropriate data and quantitative data analysis methods.
Data analysis should be informed by an understanding of the epidemiologic study design and data collection methods that gave rise to the data, and limitations of the data such as missingness, information bias, and selection bias.
Many epidemiologic research questions involve comparisons across groups, where associations between exposures and outcomes are likely confounded by other variables due to a lack of randomization of exposures in the study design.
Standardization and regression are two methods of reducing confounding when estimating associations.
Biostatistical procedures rely on concepts of probability and probability distributions. Using these concepts, samples are used to estimate unknown population parameters, and precision of estimates is shown with confidence intervals.

| Title | Tags |
| --- | --- |
| Procedures | 210994, 0, 5 |

**Learning Outcome**

Summarize nominal, ordinal, and numerical data in tables and graphs
Calculate sensitivity, specificity, positive and negative predictive values
Select a probability sample using random numbers
Standardize means, proportions, and rates across groups for comparison
Calculate point estimates, confidence intervals, and P values
Compare means using t tests and linear regression
Compare proportions using chi-square tests, logistic regression, and binary regression
Compare rates using Poisson regression
Calculate life tables and Kaplan-

Meier curves for survival data
Compare survival times using log rank tests and Cox proportional hazards regression
Combine results from multiple studies using meta-analysis procedures

| Title | Tags |
| --- | --- |
| Modes of Communication | 210995, 0, 6 |

**Learning Outcome**

Communicate research findings to a scientific audience in writing (primary focus)
Communicate research findings to a scientific audience orally (secondary focus)

## HLTH 450 - Women's Health

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 450 |

**Teaching Area**
HLTH
**Course Title**
Women's Health
**Course Description**
Overview of selected health topics affecting women's health status. Primary emphasis on steps to enhance personal health and fulfill divine roles from childhood through adulthood.
**Department**
Public Health
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## HLTH 456 - Families and Public Health

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 456 |

**Teaching Area**
HLTH
**Course Title**
Families and Public Health
**Course Description**
Introduction to families as producers of health in individuals and communities; discussion of family health theories; application of family impact principles and methods to the development of family-focused and effective public health programs.
**Department**
Public Health
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Women's Health Issues | 199722, 1 |

**Learning Outcome**
Identify and understand the determinants of women's health issues.
(Learning activities: lecture, class discussion, videos, out of class activites, guest lecturers)

| Title | Tags |
| --- | --- |
| Women's Disease Research and Reporting | 199723, 2 |

**Learning Outcome**
Identify and report on specific chronic and infectious diseases that affect women.
(Learning activities: lecture, class discussion, book review, guest lecture)

| Title | Tags |
| --- | --- |
| Assessment Sources | 199724, 3 |

**Learning Outcome**
Identify ways to improve women's health using a variety of assessment sources.
(Learning activities: lecture, class discussion, review of CDC and other health statistics, interviews, guest lecture)

**Recommended**
HLTH 210/100, HLTH 312, HLTH 313, HLTH 314, HLTH 315, HLTH 316

## HLTH 460 - Substance Use Disorders and the Individual, Family, and Community

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 460 |

**Teaching Area**
HLTH
**Course Title**
Substance Use Disorders and the Individual, Family, and Community
**Course Description**
A public health approach to substance use disorders and mental health that emphasizes prevention science in addressing social determinants, risk and protective factors, bio-psycho-social effects, treatment, and the legal implications of drug use on the individual, family, and community. Students will learn new skills to assist them with future parenting and community involvement, and in preparation for public health career opportunities in the field of substance use disorder prevention and treatment.
**Department**
Public Health
**When Taught**
Fall, Winter, Spring

## HLTH 466 - Health and the Aging Process

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 466 |

**Teaching Area**
HLTH
**Course Title**
Health and the Aging Process
**Course Description**
Public health strategies to promote health and functional independence in the context of the inevitable consequence of aging.
**Department**
Public Health
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Epidemiology of Substance Use Disorders | 211199, 0, 1 |

Learning Outcome
Discuss the descriptive epidemiology of substance use disorders and the opioid crisis in the United States and the age-at-first use among at-risk individuals and communities.

| Title | Tags |
| --- | --- |
| Risk and Protective Factors and Social Determinants of Substance Use Disorders | 211200, 0, 2 |

Learning Outcome
Explain the underlying major social determinants, adverse childhood experiences (ACES), risk and protective factors for substance use disorders and mental health. Explain how marketing strategies of tobacco, alcohol, and pharmaceutical industries influence substance use.

| Title | Tags |
| --- | --- |
| Co-occurrence of Mental Health and Substance Use Disorders | 211201, 0, 3 |

Learning Outcome
Discuss how mental health disorders that affect thinking, mood, and behavior may co-exist with substance use disorders. Discuss how a dual diagnosis magnifies the complexity of

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Preventative Lifestyle Behaviors | 203325, 6 |

Learning Outcome
Promote healthy lifestyle behaviors that help prevent premature aging, promote the health of the elderly, and contribute to the extension of the prime of life.

| Title | Tags |
| --- | --- |
| Aging Physiology and Experimental Approaches | 203328, 4 |

Learning Outcome
Understand the physiological aspects of aging and the experimental approaches used in studying the aging process.

| Title | Tags |
| --- | --- |
| End-of-Life Decisions and Planning | 203336, 7 |

Learning Outcome
Understand decision-making related to end-of-life planning.

| Title | Tags |
| --- | --- |
| Disease Prevention and Health Promotion Among the Aging | 203356, 2 |

Learning Outcome
Relate knowledge about the organic and infectious diseases, common disorders, and disabilities prevalent among the elderly to disease prevention and health promotion among the aged.

| Title | Tags |
| --- | --- |
| Normal Aging Processes | 203358, 1 |

prevention and treatment of substance use disorders.

Title
Substance Use Disorders and their Physical and Psychological Effects

Tags
211202, 0, 4

Learning Outcome
Identify the DSM 5 criteria for substance use disorders. Compare and contrast the various physical, psychological, and behavioral effects of the 10 classes of drugs that result in substance-related disorders.

Title
Individual, Family, and Community Impact.

Tags
211203, 0, 5

Learning Outcome
Analyze how substance use disorders affect the individual, family, and community. Discuss how families can access preventive and treatment resources, support groups, and other community resources.

Title
Prevention, Treatment, and Recovery Programs and Environmental Controls

Tags
211204, 0, 6

Learning Outcome
Explain the science behind evidence-based prevention, treatment, and recovery strategies, programs, and interventions at the individual, family, and community levels, including transforming one's environment to help with recovery. Explain how different community agencies respond to social concerns caused by substance misuse.

Title
Laws, Policies, and Regulations on Substance Use Disorders

Tags
211205, 0, 7

Learning Outcome
Identify and describe, city, state, and federal laws and policies addressing substance use disorders. Explain the importance of policy development in assessing the

Learning Outcome
Understand the physiological aspects of the normal aging process.

Title
Aging Pathology

Tags
203365, 1

Learning Outcome
Understand aging as a pathological process and the factors in both the external and internal milieu, this may contribute to premature aging.

Title
Health Programs and Services for the Aged

Tags
203374, 5

Learning Outcome
Identify and distinguish the federal, state, and community health programs and services for the aged, including medical care, hospitalization, extended care, rehabilitation, and health maintenance.

Title
Gerontology Research

Tags
203391, 3

Learning Outcome
Become exposed to professional literature pertaining to the biological, medical, and health aspects of aging including the use of clinical preventive services as noted by gerontology researchers.

adequacy and appropriateness of protocols relevant to the prevention, diagnosis, treatment, and management of substance use disorders.

| Title | Tags |
| --- | --- |
| Apply Skills to Build Emotional Resilience, Hope, Understanding, and Compassion | 211207, 0, 8 |

**Learning Outcome**
Learn and apply personal and family skills that promote emotional resilience and the capacity to make healthy choices such as deeper listening skills, motivational interviewing, mindfulness, teaming, coalitions, genograms, ecomaps, and advocacy skills. Practice using words and descriptions that promote self-worth, hope, understanding, and compassion. List strategies to decrease stigma and shaming in ourselves and others.

## HLTH 476 - Secondary Student Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 476 |

**Teaching Area**
HLTH
**Course Title**
Secondary Student Teaching
**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.
**Department**
Public Health
**When Taught**
Fall and Winter

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Completion of course work or department approval; requires a major GPA of 2.85; at least a C- in Hlth 421

| Title | Tags |
| --- | --- |
| Teacher Work Sample | 203175, 1 |

## HLTH 477R - Secondary Minor Student Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 477R |

**Teaching Area**
HLTH
**Course Title**
Secondary Minor Student Teaching
**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.
**Department**
Public Health
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**

Learning Outcome
Successful completion of TWS sections 1-7.

| Title | Tags |
| --- | --- |
| Student Teaching | 203176, 2 |

Learning Outcome
Successful completion of a year long internship or 14 week student teaching placement.

| Title | Tags |
| --- | --- |
| Clinical Practice Assessment Scale | 203177, 3 |

Learning Outcome
University Supervisor and Mentor Teacher CPAS scores of 3 or higher on each of the the 10 CPAS principles.

| Title | Tags |
| --- | --- |
| Praxis | 203178, 4 |

Learning Outcome
Completion of the Praxis exam.

| Title | Tags |
| --- | --- |
| Professionalism | 203179, 5 |

Learning Outcome
Completion of the PIBS university supervisor assessment.
Completion of the PIBS self-assessment.

Fixed
0

### Lab Hours

Fixed
0

Other Prerequisites
Sc Ed 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

## HLTH 480 - International Health

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 480 |

Teaching Area
HLTH
Course Title
International Health
Course Description
Identifying disease patterns in "developing" countries, exploring the social and cultural context of health, and reviewing behavior change strategies for improving well-being.
Department
Public Health
When Taught
Fall

## HLTH 481 - Applied International Health

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 481 |

Teaching Area
HLTH
Course Title
Applied International Health
Course Description
Engaging in an applied international health experience.
Department
Public Health
When Taught
Spring and Summer Terms

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Morbidity and Mortality in Women and Children: Epidemiology | 203321, 5 |

Learning Outcome
Using principles of epidemiology, identify the leading causes of morbidity (sickness) and mortablity among women and children in the developing world and compare the burden of disease across different regions of the world.

| Title | Tags |
| --- | --- |
| Health Behavior Strategies | 203329, 7 |

Learning Outcome
Discuss successful, evidence-based strategies for changing behaviors and improving health.

| Title | Tags |
| --- | --- |
| Culture and Optimal Health Behaviors | 203339, 2 |

Learning Outcome
Explain how culture, our own and others, facilitates or hinders practicing optimal health behaviors.

Title

### Credit Hours

Min
1

Fixed
3

| Title | Tags |
| --- | --- |
| Applied International Health | 203411, 1 |

Learning Outcome
Students will demonstrate knowledge in applied international health.

Health Program Monitoring, Evaluation, and Research

Tags
203350, 6

Learning Outcome
Describe how monitoring, evaluation, and applied research improve health programs.

Title
Maternal and Child Health Improvement

Tags
203351, 1

Learning Outcome
Idenitfy behaviors that improve maternal and child health and how they may be specific for particular groups.

Title
Nutrition and Disease Morbidity and Mortality

Tags
203353, 4

Learning Outcome
Discuss how undernutrition and overnutrition contribute to morbidity and mortality related to infectious and chronic disease.

Title
Global Disease Determinants

Tags
203378, 1

Learning Outcome
Discuss the determinants of global diseases and why inequalities and inequities exist.

Title
Morbidity and Mortality in Women and Children

Tags
203386, 3

Learning Outcome
Describe the leading causes of morbidity (sickness) and mortablity among women and children in the developing world.

## HLTH 482 - Medical Geography

### Course Information

Teaching Area (new)
HLTH

Course Number
482

Teaching Area
HLTH

Course Title
Medical Geography

Course Description

## HLTH 491R - Mentored Research

### Course Information

Teaching Area (new)
HLTH

Course Number
491R

Teaching Area
HLTH

Course Title
Mentored Research

Course Description

Understanding how geographic locations influence health outcomes. Learning to identify geographic patterns of health and disease as a tool to improve overall understanding of disease etiology and development of effective prevention and control strategies. The course utilizes geographic information systems (GIS) to meet these goals. No prior experience with the software is required.

**Department**
Public Health

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- STAT 121 - Principles of Statistics

**Additional Comments:**

**Recommended**
Hlth 447

| Title | Tags |
|---|---|
| Location and Geographic Questions | 208371, 0, 1 |

**Learning Outcome**
Understand how location influences health, and how asking geographic questions of health data can lead to improved disease prevention.

| Title | Tags |
|---|---|
| Spatial Epidemiology Data | 208372, 0, 2 |

**Learning Outcome**
Understand how we can use spatial epidemiology data to better understand etiologies and

Collaborate with professors on mentoring grants or other public health-related research and initiatives.

**Department**
Public Health

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Conduct applied research | 203238, 1 |

**Learning Outcome**
Experience at least one subset of research skills while conducting supervised public health research with a faculty member.

better understand etiologies and develop effective prevention methods.

| Title | Tags |
| --- | --- |
| Basic Spatial Statistics | 208373, 0, 3 |

Learning Outcome
Describe the procedures used in basic spatial statistics.

| Title | Tags |
| --- | --- |
| Health Maps | 208374, 0, 4 |

Learning Outcome
Independently create health maps using ESRI ArcMap software.

## HLTH 492R - Directed Public Health Readings

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 492R |

Teaching Area
HLTH
Course Title
Directed Public Health Readings
Course Description
Self-paced reading and in-depth studying of public health topics.
Department
Public Health
When Taught
All Semesters/Terms

#### Credit Hours

Min
1
Fixed
3

| Title | Tags |
| --- | --- |
| Public Health Readings | 203412, 1 |

Learning Outcome
Students will deepen their understanding of public health by reading books and articles related to the subject.

## HLTH 493 - Epidemiology Capstone

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 493 |

Teaching Area
HLTH
Course Title
Epidemiology Capstone
Course Description
Culminating experience for public health epidemiology students. Students will develop an epidemiologic research question, identify an appropriate source of data to analyze, conduct a quantitative data analysis to address their research question, and write a structured report summarizing their research question, methodological approach, findings, and conclusions.
Department
Public Health
When Taught
Winter

#### Credit Hours

Min
3
Fixed
3

#### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 345 - Principles of Epidemiology
  **AND** HLTH 447 - Introduction to Biostatistics
  **AND** HLTH 449 - Epidemiologic Study Design & Analysis

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 345 - Principles of Epidemiology
  **AND** HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)
  **AND**

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 345 - Principles of Epidemiology
  **AND** HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)
  **AND**

**Additional Comments:**

**Other Prerequisites**

Can be concurrent with HLTH 312 and HLTH 316.

| Title | Tags |
| --- | --- |
| Literature Review | 208346, 0, 2 |

**Learning Outcome**

Conduct a systematic review of published literature pertinent to their research question.

| Title | Tags |
| --- | --- |
| Research Proposal | 208347, 0, 3 |

**Learning Outcome**

Write a proposal outlining their background and rationale, research question, source of data, and data analysis plan.

| Title | Tags |
| --- | --- |
| Research Question and Hypotheses | 208345, 0, 1 |

**Learning Outcome**

Develop an epidemiologic research question and associated hypotheses.

| Title | Tags |
| --- | --- |
| Quantitative Data Analysis | 208348, 0, 4 |

**Learning Outcome**

Perform a quantitative data analysis to evaluate their research question.

**Title**
Manuscript

**Tags**
208349, 0, 5

**Learning Outcome**
Write a structured manuscript reporting their research findings.

## HLTH 494 - Health Promotion Capstone: Advanced Program Planning

### Course Information

**Teaching Area (new)**
HLTH

**Course Number**
494

**Teaching Area**
HLTH

**Course Title**
Health Promotion Capstone: Advanced Program Planning

**Course Description**
Introduction to needs assessment, program development, implementation, and evaluation in health promotion and public health.

**Department**
Public Health

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

## HLTH 495 - Health Science Capstone: Integrating Public Health and Primary Care

### Course Information

**Teaching Area (new)**
HLTH

**Course Number**
495

**Teaching Area**
HLTH

**Course Title**
Health Science Capstone: Integrating Public Health and Primary Care

**Course Description**
HLTH495 is a combination of a lecture and an experiential-based capstone class that serves as the culminating course for public health students in the Health Science Emphasis. The course is intended to provide students with the opportunity to partner with the community in addressing real health issues that can benefit from a joint public health-primary care approach in addressing the social determinants of health.

**Department**
Public Health

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**

- HLTH 330 - Principles and Practices of Health Promotion **AND** HLTH 431 - Health Communication and Advocacy

**Additional Comments:**

**Other Prerequisites**
HLTH 100, 210, 312, 313, 314, 315, 316.

| Title | Tags |
|---|---|
| Community Assessment and Data Analysis | 203501, 1 |

**Learning Outcome**
Conduct a community assessment by collecting and analyzing data to determine the health needs of a community.

| Title | Tags |
|---|---|
| Program Planning | 203502, 2 |

**Learning Outcome**
Apply health behavior theory, research methods, and evaluation approaches to develop a program plan for a real-world public health problem using the generalized program planning model.

| Title | Tags |
|---|---|
| Community Collaboration and Program Management | 203503, 3 |

**Learning Outcome**

Demonstrate an ability to collaborate with diverse stakeholders to develop a program plan that is responsive to community needs.
Describe and apply characteristics of an effective teamwork experience.

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 315 - Health, Disease and Their Determinants, Part 2 **AND** HLTH 316 - Influencing Health through Health Systems and Policy

**Additional Comments:**

**Other Prerequisites**
HLTH 210/HLTH 100, HLTH 312, HLTH 313, HLTH 440, HLTH 425

| Title | Tags |
|---|---|
| Upstream Health | 210043, 0, 1 |

**Learning Outcome**
Discuss the benefits of an upstream approach to health compared to midstream and downstream interventions.

| Title | Tags |
|---|---|
| U.S. Public Health & Health Care Systems: Structure, Functions, and Potential Points of Integration | 210044, 0, 2 |

**Learning Outcome**
Describe the similarities and differences in the structures and functions of the U.S. Public Health System and the U.S. Health Care System and identify points where public health and primary care can integrate to improve population health.

| Title | Tags |
|---|---|
| Social Determinants of Access to Health Care | 210045, 0, 3 |

**Learning Outcome**
Identify actual community social determinants, including racism and bias, which can lead to inequities in the access, quality, and delivery of care.

| Title | Tags |
|---|---|
| Levels of Public Health-Primary Care Integration | 210046, 0, 4 |

**Learning Outcome**
Analyze current examples of partnerships between public health and primary care. Propose additional integration points to expand opportunities for interdisciplinary collaboration across sectors to improve

population health.

| Title | Tags |
| --- | --- |
| Health Care Financing & Reimbursement Methods | 210047, 0, 5 |

**Learning Outcome**
Discuss how current financing and reimbursement methods impact cost, access, quality, and individual and population health. Analyze the impact of major health care reforms on Medicare, Medicaid, Children's Health Insurance Program (CHIP), and on accountable care organizations.

| Title | Tags |
| --- | --- |
| Complex Care and Populations with Special Health Needs | 210048, 0, 6 |

**Learning Outcome**
Evaluate the predisposing, enabling, and needs characteristics of vulnerable populations, which result in complex health care needs among women and children, minorities, immigrants, refugees, uninsured, and the homeless.

| Title | Tags |
| --- | --- |
| Tools for Integration | 210049, 0, 7 |

**Learning Outcome**
Apply integration tools in addressing real community needs and in facilitating a collaborative partnership between public health and primary care through GIS, community health needs assessment, electronic medical records, public health-oriented e-learning, mapping public health and clinical preventive medicine competencies, relationship with health departments, and others.

| Title | Tags |
| --- | --- |
| Conceptual Framework for Public Health-Primary Care Integration | 210050, 0, 8 |

**Learning Outcome**
Create and apply a conceptual framework for integrating public health and primary care in

addressing real community needs.

| Title | Tags |
| --- | --- |
| Community Needs-Based Project and Data Collection | 210051, 0, 9 |

**Learning Outcome**
Design a data collection instrument (surveys, interviews, or interventions) regarding an identified community need(s)/problem(s) made worse by the existing social determinants of health. As a team, collect, analyze, present, and prepare a written report of your data to the class and to your community partner.

## HLTH 496R - Academic Internship: Health Promotion

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 496R |

**Teaching Area**
HLTH
**Course Title**
Academic Internship: Health Promotion
**Course Description**
Senior culminating internship experience for students in the Health Promotion Emphasis.
**Department**
Public Health
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
An APPROVED Internship Application is required before adding
**Note**
Several Public Health courses must be completed prior to the internship: Hlth 210 or Hlth 100; Hlth 312; Hlth 313; Hlth 314; Hlth 315; Hlth 316; Hlth 330; Hlth 431; Hlth 434; and Hlth 439. Consult with an academic advisor to learn more. An APPROVED Internship Application is required before adding.
https://sa.byu.edu/psp/ps/EMPLOYEE/HRMS/c/Y_INTERNSHIP_STUDENT_INT_WELCOME.GBL?nb

| Title | Tags |
| --- | --- |
| Competencies and Areas of Responsibility | 208196, 0, 1 |

## HLTH 496R - Academic Internship: Environmental/Occupational Health

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HLTH | 496R |

**Teaching Area**
HLTH
**Course Title**
Academic Internship: Environmental/Occupational Health
**Course Description**
Application of professional competencies in the field of Environmental and Occupational Health. During the internship, students will obtain experience as proctored by an approved internship supervisor. Performance will be assessed through an internship report and internship supervisor rating.
**Department**
Public Health
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Recommended**
\n
**Note**
An APPROVED Internship Application is required before adding.
https://sa.byu.edu/psp/ps/EMPLOYEE/HRMS/c/Y_INTERNSHIP_STUDENT_INT_WELCOME.GBL?

| Title | Tags |
| --- | --- |
| Competencies and Areas of Responsibility | 208202, 0, 1 |

Learning Outcome
Show evidence of participation in competencies and areas of responsibility appropriate for your public health emphasis: (internship coordinator evaluation)

Health Promotion: a minimum of 8 sub-competencies from at least 4 competencies spanning at least 2 areas of responsibility from the Areas of Responsibility, Competencies, and Sub-competencies for the Health Education Specialty Practice Analysis 2015.

| Title | Tags |
| --- | --- |
| Professionalism | 208197, 0, 2 |

Learning Outcome
Demonstrate professionalism at the internship site, including dress and grooming, collegiality, appropriateness, communication, and punctuality (preceptor evaluation).

| Title | Tags |
| --- | --- |
| Professional Competence | 208198, 0, 3 |

Learning Outcome
Demonstrate professional competence and ability to complete assigned tasks and meet the agency's expectations (preceptor evaluation).

| Title | Tags |
| --- | --- |
| Ethical Standards | 208199, 0, 4 |

Learning Outcome
Practice ethical standards appropriate to the internship site (preceptor evaluation).

| Title | Tags |
| --- | --- |
| Hour Requirement | 208200, 0, 5 |

Learning Outcome
Successfully complete the hour requirement for the internship (internship coordinator evaluation).

| Title | Tags |
| --- | --- |

Learning Outcome
Show evidence of participation in competencies and areas of responsibility appropriate for your public health emphasis: (internship coordinator evaluation)

Environmental/Occupational Health: a minimum of 2 EH/OH emphasis-specific learning outcomes.

| Title | Tags |
| --- | --- |
| Professionalism | 208203, 0, 2 |

Learning Outcome
Demonstrate professionalism at the internship site, including dress and grooming, collegiality, appropriateness, communication, and punctuality (preceptor evaluation).

| Title | Tags |
| --- | --- |
| Professional Competence | 208204, 0, 3 |

Learning Outcome
Demonstrate professional competence and ability to complete assigned tasks and meet the agency's expectations (preceptor evaluation).

| Title | Tags |
| --- | --- |
| Ethical Standards | 208205, 0, 4 |

Learning Outcome
Practice ethical standards appropriate to the internship site (preceptor evaluation).

| Title | Tags |
| --- | --- |
| Hour Requirement | 208206, 0, 5 |

Learning Outcome
Successfully complete the hour requirement for the internship (internship coordinator evaluation).

| Title | Tags |
| --- | --- |
| Internship Deliverable | 208207, 0, 6 |

Learning Outcome
Successfully complete the internship deliverable to the Internship Coordinator (internship coordinator

| | |
|---|---|
| Internship Deliverable | 208201, 0, 6 |

**Learning Outcome**
Successfully complete the internship deliverable to the Internship Coordinator (internship coordinator evaluation).

(internship coordinator evaluation).

## HLTH 496R - Academic Internship: Epidemiology

### Course Information

**Teaching Area (new)**
HLTH

**Course Number**
496R

**Teaching Area**
HLTH

**Course Title**
Academic Internship: Epidemiology

**Course Description**
Public Health Internship for Epidemiology

**Department**
Public Health

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
9

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

## HLTH 496R - Academic Internship: Health Science

### Course Information

**Teaching Area (new)**
HLTH

**Course Number**
496R

**Teaching Area**
HLTH

**Course Title**
Academic Internship: Health Science

**Course Description**
Experiential learning within a public health, primary care/health care, health services, or health policy setting in addressing the social determinants of health. During the internship, students will obtain experience as proctored by an approved internship supervisor. Performance will be assessed through an internship report and internship supervisor rating.

**Department**
Public Health

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
9

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 431 - Health Communication and Advocacy
  **AND** HLTH 434 - Advanced Evaluation Methods
  **AND** HLTH 494 - Health Promotion Capstone: Advanced Program Planning

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 428 - Occupational Exposure Assessment Lab

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- 

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 210 - Foundations of Public Health

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HLTH 210 - Foundations of Public Health

**Additional Comments:**

**Other Prerequisites**
HLTH 100; or HLTH 210.
**Note**
An APPROVED Internship Application is required before adding.
https://sa.byu.edu/psp/ps/EMPLOYEE/HRMS/c/Y_INTERNSHIP_STUDE
nb

| Title | Tags |
| --- | --- |
| Professionalism | 208191, 0, 2 |

**Learning Outcome**
Demonstrate professionalism at the internship site, including dress and grooming, collegiality, appropriateness, communication, and punctuality (preceptor evaluation).

| Title | Tags |
| --- | --- |
| Professional Competence | 208192, 0, 3 |

**Learning Outcome**
Demonstrate professional competence and ability to complete assigned tasks and meet the agency's expectations (preceptor evaluation).

| Title | Tags |
| --- | --- |
| Ethical Standards | 208193, 0, 4 |

**Learning Outcome**
Practice ethical standards appropriate to the internship site (preceptor evaluation).

| Title | Tags |
| --- | --- |
| Hour Requirement | 208194, 0, 5 |

**Learning Outcome**
Successfully complete the hour requirement for the internship (internship coordinator evaluation).

| Title | Tags |
| --- | --- |
| Internship Deliverable | 208195, 0, 6 |

**Learning Outcome**
Successfully complete the internship deliverable to the Internship Coordinator (internship coordinator evaluation).

| Title | Tags |
| --- | --- |
| Competencies and Areas of Responsibility | 208190, 0, 1 |

**Learning Outcome**
Show evidence of participation in competencies and areas of responsibility appropriate for your public health emphasis: (internship coordinator evaluation)

Health Science: a minimum of 1 of the Health Science emphasis-specific learning outcomes.

## HMONG 100 - Language Study: Hmong

### Course Information

**Teaching Area (new)**
HMONG
**Course Number**
100
**Teaching Area**
HMONG
**Course Title**
Language Study: Hmong
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Hmong.
**Department**
Language Studies
**When Taught**
Contact Department

## HMONG 101 - First-Year Language Study: Hmong

### Course Information

**Teaching Area (new)**
HMONG
**Course Number**
101
**Teaching Area**
HMONG
**Course Title**
First-Year Language Study: Hmong
**Course Description**
Beginning speaking, listening, reading, and writing skills in Hmong.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 196131, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 196132, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196133, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 196134, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196135, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196136, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196137, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## HMONG 102 - First-Year Language Study: Hmong

### Course Information

**Teaching Area (new)**
HMONG

**Course Number**
102

**Teaching Area**
HMONG

**Course Title**
First-Year Language Study: Hmong

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Hmong.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HMONG 101 - First-Year Language Study: Hmong

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 196138, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

## HMONG 201 - Second-Year Language Study: Hmong

### Course Information

**Teaching Area (new)**
HMONG

**Course Number**
201

**Teaching Area**
HMONG

**Course Title**
Second-Year Language Study: Hmong

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Hmong.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HMONG 102 - First-Year Language Study: Hmong

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196142, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
| --- | --- |
| Speaking | 196139, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196140, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196141, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Vocabulary | 196143, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 196144, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 196145, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## HMONG 202 - Second-Year Language Study: Hmong

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HMONG | 202 |

**Teaching Area**
HMONG
**Course Title**
Second-Year Language Study: Hmong
**Course Description**
Continued emphasis on Hmong communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

## HMONG 305 - Language Skills Development: Hmong

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HMONG | 305 |

**Teaching Area**
HMONG
**Course Title**
Language Skills Development: Hmong
**Course Description**
Increasing proficiency in one or more of the following Hmong language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HMONG 201 - Second-Year Language Study: Hmong

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196146, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196147, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196148, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of

Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196150, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196151, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196152, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196149, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## HMONG 321 - Advanced Grammar: Hmong

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HMONG | 321 |

**Teaching Area**
HMONG
**Course Title**
Advanced Grammar: Hmong
**Course Description**
Systematic review of grammar and syntax of Hmong.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

## HMONG 330 - Advanced Language Proficiency Through Cultural Studies: Hmong

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HMONG | 330 |

**Teaching Area**
HMONG
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Hmong
**Course Description**
Study of Hmong culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Hmong 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent

- HMONG 202 - Second-Year Language Study: Hmong

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196153, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196154, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196155, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196156, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196157, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196158, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196159, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## HMONG 340 - Introduction to Literature: Hmong

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HMONG | 340 |

## HMONG 350 - Advanced Language Study for Career Purposes: Hmong

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HMONG | 350 |

**Teaching Area**
HMONG
**Course Title**
Introduction to Literature: Hmong
**Course Description**
Advanced study of Hmong literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HMONG 330 - Advanced Language Proficiency Through Cultural Studies: Hmong

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196160, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196161, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

**Teaching Area**
HMONG
**Course Title**
Advanced Language Study for Career Purposes: Hmong
**Course Description**
Concentration on Hmong language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HMONG 330 - Advanced Language Proficiency Through Cultural Studies: Hmong

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196164, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 196165, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with

| Title | Tags |
| --- | --- |
| Context | 196162, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 196163, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196166, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196167, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196168, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## HONRS 110 - Introduction to the Honors Experience

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HONRS | 110 |

**Teaching Area**
HONRS
**Course Title**
Introduction to the Honors Experience
**Course Description**
General introduction to the University Honors Program and the Honors community. Students will become familiar with program requirements, aims, opportunities, and culture through presentations, activities, and mentored advisement and will create an academic plan toward graduation with University Honors.
**When Taught**
Spring and Summer Terms

### Credit Hours

## HONRS 120 - Intro to Interdisciplinary Thinking

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HONRS | 120 |

**Teaching Area**
HONRS
**Course Title**
Intro to Interdisciplinary Thinking
**Course Description**
Introduction to the Honors interdisciplinary curriculum. In this course students learn to consider big or "great questions," formulate and evaluate good research questions, and explore different disciplinary approaches to these questions through guest lectures and discussion. Students learn to identify various thinking patterns, and begin to explore interdisciplinary approaches to learning (preparation for HONRS Unexpected Connections sequence).
**When Taught**
Fall and Winter

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
0.5

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Honors Program Experience | 211086, 0, 1 |

Learning Outcome
Demonsrate familiarity with the mission, objectives, and requirements of the Honors Program.

| Title | Tags |
| --- | --- |
| Honors Program Community | 211087, 0, 2 |

Learning Outcome
Work collaboratively with other Honors students, advisors, coordinators, and faculty.

| Title | Tags |
| --- | --- |
| Honors Academic Plan | 211088, 0, 3 |

Learning Outcome
Create an efficient academic plan toward graduation with University Honors.

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Recommended
HONRS 110 should be completed prior to or concurrent with HONRS 120

| Title | Tags |
| --- | --- |
| Great Question | 206620, 2 |

Learning Outcome
Describe a Great Question in a selected discipline.

| Title | Tags |
| --- | --- |
| Research Question | 206621, 4 |

Learning Outcome
Develop and evaluate the value of a Research Question in a selected discipline.

| Title | Tags |
| --- | --- |
| Research Plan | 206622, 5 |

Learning Outcome
Make a preliminary Research Plan to address a research question using interdisciplinary thinking.

| Title | Tags |
| --- | --- |
| Interdisciplinary Thinking | 206623, 1 |

Learning Outcome
Recognize and articulate basic thinking patterns in a variety of disciplines.

## HONRS 220 - Unexpected Connections: Biology and Letters

### Course Information

**Teaching Area (new)**
HONRS

**Course Number**
220

**Teaching Area**
HONRS

**Course Title**
Unexpected Connections: Biology and Letters

**Course Description**
The class, team-taught by professors from different disciplines, explores unities between biology and letters. Through reading, writing, and conversation, students gain understanding and skills to engage in real-life questions. Topics are announced in the class schedule. Honors only.

**Department**
1449

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** WRTG 150 - Writing and Rhetoric

**Complete ALL of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** ELING 150 - First-Year Writing for International Students

**Additional Comments:**

| Title | Tags |
| --- | --- |
| GE Letters Outcomes | 206580, 4 |

## HONRS 221 - Unexpected Connections: Biology & Arts

### Course Information

**Teaching Area (new)**
HONRS

**Course Number**
221

**Teaching Area**
HONRS

**Course Title**
Unexpected Connections: Biology & Arts

**Course Description**
The class, team-taught by professors from different disciplines, explores unities between biology and the arts. Through reading, writing, and conversation, students gain understanding and skills to engage in real-life questions. Topics are announced in the class schedule. Honors only.

**Department**
1449

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** WRTG 150 - Writing and Rhetoric

**Complete ALL of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** ELING 150 - First-Year Writing for International Students

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Interdisciplinary Approach | 206593, 1 |

Learning Outcome
Students will 1. Demonstrate skills in critical reading as they analyze primary historical, philosophical, theological, or literary texts as artifacts worthy of study in themselves. 2. Demonstrate they can interpret and appreciate texts in their contexts, understanding a writer's cultural background, purpose, audience, and rhetorical strategies. 3. Show they can evaluate texts for their power to shape culture and their spiritual insight

| Title | Tags |
| --- | --- |
| Interdisciplinary Approach | 206588, 1 |

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

| Title | Tags |
| --- | --- |
| Making Connections | 206589, 2 |

Learning Outcome
Apply two different disciplinary perspectives to examine issues, problems and questions in order to discover connections.

| Title | Tags |
| --- | --- |
| Communication Skills | 206590, 3 |

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

| Title | Tags |
| --- | --- |
| GE Biological Sciences Outcomes | 206581, 5 |

Learning Outcome
Students will be able to: 1. Demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process. 2. Appreciate the excitement of discovery that has accompanied important scientific developments. 3. Demonstrate how scientific methodology can

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

| Title | Tags |
| --- | --- |
| Making Connections | 206594, 2 |

Learning Outcome
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

| Title | Tags |
| --- | --- |
| Communication Skills | 206595, 3 |

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

| Title | Tags |
| --- | --- |
| GE Biological Sciences Outcomes | 206596, 4 |

Learning Outcome
Students will be able to: 1. Demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process. 2. Appreciate the excitement of discovery that has accompanied important scientific developments. 3. Demonstrate how scientific methodology can be used to analyze real-world science-related problems. 4. Evaluate scientific data and claims in order to make rational decisions on public-policy science issues that affect their community. 5. Express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data. 6. Reflect rationally upon the interface between science and religion.

| Title | Tags |
| --- | --- |
| GE Arts Outcomes | 206597, 5 |

be used to analyze real-world science-related problems. 4. Evaluate scientific data and claims in order to make rational decisions on public-policy science issues that affect their community. 5. Express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data. 6. Reflect rationally upon the interface between science and religion.

**Learning Outcome**
Students will: 1. Demonstrate an understanding of the elements, forms, aesthetic and compositional principles of at least one form of artistic expression (e.g., visual arts, dance, music, theatre, or film). 2. Become acquainted with a variety of representative works in at least one art form. 3. Demonstrate analytical literacy in at least one art form, meaning the ability to invoke the vocabulary, grammar, and theoretical models of the art form for the purpose of "reading" a work of art. 4. Develop the ability to recognize multiple possible interpretations of an art work, and identify the work's adherence to or departure from the genre's traditions and conventions. 5. Demonstrate the ability to engage in critical analysis of works of art, including an understanding of the historical and cultural factors that should inform an appreciation of such works.

## HONRS 223 - Unexpected Connections: Physical Science & Letters

### Course Information

**Teaching Area (new)**
HONRS
**Course Number**
223
**Teaching Area**
HONRS
**Course Title**
Unexpected Connections: Physical Science & Letters
**Course Description**
The class, team-taught by professors from different disciplines, explores unities between the physical sciences, literature, and philosophy. Through reading, writing, and conversation, students gain understanding and skills to engage in real-life questions. Topics are announced in the class schedule. Honors only.
**Department**
1449
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

## HONRS 225 - Unexpected Connections: Physical Science and Culture

### Course Information

**Teaching Area (new)**
HONRS
**Course Number**
225
**Teaching Area**
HONRS
**Course Title**
Unexpected Connections: Physical Science and Culture
**Course Description**
The class, team-taught by professors from different disciplines, explores unities between physical science and culture. Through reading, writing, and conversation, students gain understanding and skills to engage real-life questions. Topics are announced in the class schedule. Honors only.
**Department**
1449
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

No Requirements

| Title | Tags |
| --- | --- |
| Interdisciplinary Approach | 206598, 1 |

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

| Title | Tags |
| --- | --- |
| Making Connections | 206599, 2 |

Learning Outcome
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

| Title | Tags |
| --- | --- |
| Communication Skills | 206600, 3 |

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

| Title | Tags |
| --- | --- |
| GE Physical Sciences Outcomes | 206601, 4 |

Learning Outcome
Students will be able to: 1. Demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process. 2. Appreciate the excitement of discovery that has accompanied important scientific developments. 3. Demonstrate how scientific methodology can be used to analyze real-world science-related problems. 4. Evaluate scientific data and claims in order to make rational

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Untitled Requirement**
**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** WRTG 150 - Writing and Rhetoric

**Complete ALL of the following Courses:**
- HONRS 220 - Unexpected Connections: Biology and Letters **AND** ELING 150 - First-Year Writing for International Students

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Interdisciplinary Approach | 206603, 1 |

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

| Title | Tags |
| --- | --- |
| Making Connections | 206604, 2 |

Learning Outcome
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

| Title | Tags |
| --- | --- |
| Communication Skills | 206605, 3 |

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

Title

decisions on public-policy science issues that affect their community. 5. Express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data. 6. Reflect rationally upon the interface between science and religion.

| Title | Tags |
| --- | --- |
| GE Letters Outcomes | 206602, 5 |

**Learning Outcome**
Students will 1. Demonstrate skills in critical reading as they analyze primary historical, philosophical, theological, or literary texts as artifacts worthy of study in themselves. 2. Demonstrate they can interpret and appreciate texts in their contexts, understanding a writer's cultural background, purpose, audience, and rhetorical strategies. 3. Show they can evaluate texts for their power to shape culture and their spiritual insight

| GE Global & Cultural Awareness Outcomes | Tags |
| --- | --- |
| | 206582, 5 |

**Learning Outcome**
Students will: 1. Acquire informed awareness of a global culture outside their own, with the interplay of cultures, languages, and/or nations at an international level. 2. Experience thoughtful reflection on the above, as demonstrated in a structured, guided manner under the direction of a faculty member. Evidence of reflection implies written or spoken analysis that will include a consideration of the student's own responses to the culture or global issue, often involving comparison, and will demonstrate informed awareness. 3. Develop greater empathy and charity, and will begin to gain a global perspective by learning to see themselves from another's point of view.

| Title | Tags |
| --- | --- |
| GE Physical Science Outcomes | 206583, 4 |

**Learning Outcome**
Students will be able to: 1. Demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process. 2. Appreciate the excitement of discovery that has accompanied important scientific developments. 3. Demonstrate how scientific methodology can be used to analyze real-world science-related problems. 4. Evaluate scientific data and claims in order to make rational decisions on public-policy science issues that affect their community. 5. Express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data. 6. Reflect rationally upon the interface between science and religion.

## HONRS 226 - Unexpected Connections: Social Science & Letters

### Course Information

**Teaching Area (new)**
HONRS

**Course Number**
226

**Teaching Area**
HONRS

**Course Title**
Unexpected Connections: Social Science & Letters

**Course Description**
The class, team-taught by professors from different disciplines, explores unities between the social sciences, literature, and philosophy. Through reading, writing, and conversation, students gain understanding and skills to engage in real-life questions. Topics are announced in the class schedule. Honors only.

**Department**
1449

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** WRTG 150 - Writing and Rhetoric

**Complete ALL of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** ELING 150 - First-Year Writing for International Students

**Additional Comments:**

| Title | Tags |
|---|---|
| Interdisciplinary Approach | 206606, 1 |

## HONRS 227 - Unexpected Connections: Social Science and Art

### Course Information

**Teaching Area (new)**
HONRS

**Course Number**
227

**Teaching Area**
HONRS

**Course Title**
Unexpected Connections: Social Science and Art

**Course Description**
The class, team-taught by professors from different disciplines, explores the unities between social science and art. Through reading, writing, and conversation, students gain understanding and skills to engage real-life questions. Topics are announced in the class schedule. Honors only.

**Department**
1449

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ANY of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** WRTG 150 - Writing and Rhetoric
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** ELING 150 - First-Year Writing for International Students

**Additional Comments:**

| Title | Tags |
|---|---|
| Interdisciplinary Approach | 206611, 1 |

**Learning Outcome**
Recognize and understand the assumptions, methodologies and practices of two distinct

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

| Title | Tags |
| --- | --- |
| Making Connections | 206607, 2 |

Learning Outcome
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

| Title | Tags |
| --- | --- |
| Communication Skills | 206608, 3 |

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

| Title | Tags |
| --- | --- |
| GE Social Sciences Outcomes | 206609, 4 |

Learning Outcome
1. Demonstrate foundational knowledge and skills in the methods of investigating, expressing, and evaluating concepts in the social sciences and the study of the Arts. 2. Apply sound and original thinking to address issues and problems in the world today. In so doing, demonstrate a mature understanding of the different roles that the social sciences and the arts play both in how we conceptualize and contextualize these issues and problems, and also in how we might deepen our understanding of and devise possible solutions for them. 3. Communicate effectively with diverse audiences on current issues and problems we face. 4. Model the disposition and character of an educated and faithful person. That is: 1. Take seriously both the course topic and your own responsibility to work towards solutions to current issues and problems. 2. Demonstrate the ability and the humility to learn from and collaborate productively with others who have backgrounds, views, or expertise different from

practices of two distinct disciplines.

| Title | Tags |
| --- | --- |
| Making Connections | 206612, 2 |

Learning Outcome
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

| Title | Tags |
| --- | --- |
| Communication Skills | 206613, 3 |

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

| Title | Tags |
| --- | --- |
| GE Social Science Outcomes | 206585, 4 |

Learning Outcome
1. Demonstrate foundational knowledge and skills in the methods of investigating, expressing, and evaluating concepts in the social sciences and the study of the Arts. 2. Apply sound and original thinking to address issues and problems in the world today. In so doing, demonstrate a mature understanding of the different roles that the social sciences and the arts play both in how we conceptualize and contextualize these issues and problems, and also in how we might deepen our understanding of and devise possible solutions for them. 3. Communicate effectively with diverse audiences on current issues and problems we face. 4. Model the disposition and character of an educated and faithful person. That is: 1. Take seriously both the course topic and your own responsibility to work towards solutions to current issues and problems. 2. Demonstrate the ability and the humility to learn from and collaborate productively with others who have backgrounds, views, or expertise different from your own. 3. Articulate thoughtfully how your spiritual faith influences your understanding of and response to

views, or expertise different from your own. 3. Articulate thoughtfully how your spiritual faith influences your understanding of and response to questions relevant to biology, literature, and philosophy. 4. Examine and evaluate the strengths and weaknesses of your own ideas and arguments, as well as those of others, withholding final judgment until sufficient information has been gathered and relevant implications considered. Be able to recognize when that point has been reached.

| Title | Tags |
| --- | --- |
| GE Letters Outcomes | 206610, 5 |

**Learning Outcome**
Students will 1. Demonstrate skills in critical reading as they analyze primary historical, philosophical, theological, or literary texts as artifacts worthy of study in themselves. 2. Demonstrate they can interpret and appreciate texts in their contexts, understanding a writer's cultural background, purpose, audience, and rhetorical strategies. 3. Show they can evaluate texts for their power to shape culture and their spiritual insight

questions relevant to biology, literature, and philosophy. 4. Examine and evaluate the strengths and weaknesses of your own ideas and arguments, as well as those of others, withholding final judgment until sufficient information has been gathered and relevant implications considered. Be able to recognize when that point has been reached.

| Title | Tags |
| --- | --- |
| GE Art Outcomes | 206584, 5 |

**Learning Outcome**
Students will: 1. Demonstrate an understanding of the elements, forms, aesthetic and compositional principles of at least one form of artistic expression (e.g., visual arts, dance, music, theatre, or film). 2. Become acquainted with a variety of representative works in at least one art form. 3. Demonstrate analytical literacy in at least one art form, meaning the ability to invoke the vocabulary, grammar, and theoretical models of the art form for the purpose of "reading" a work of art. 4. Develop the ability to recognize multiple possible interpretations of an art work, and identify the work's adherence to or departure from the genre's traditions and conventions. 5. Demonstrate the ability to engage in critical analysis of works of art, including an understanding of the historical and cultural factors that should inform an appreciation of such works.

## HONRS 290R - Unexpected Connections: Special Topics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HONRS | 290R |

**Teaching Area**
HONRS
**Course Title**
Unexpected Connections: Special Topics
**Course Description**
The class, team-taught by professors from different disciplines,

## HONRS 310 - Foundations of Interdisciplinary Leadership

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HONRS | 310 |

**Teaching Area**
HONRS
**Course Title**
Foundations of Interdisciplinary Leadership
**Course Description**
Instruction and training in organizational, interpersonal, and personal

explores unities between life sciences, culture, physical sciences, social sciences, languages of learning, letters, or the arts. Through reading, writing, and conversation, students gain understanding and skills to engage real-life questions. Topics and disciplinary perspectives are announced in the class schedule. Honors only.

**Department**
1449

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

**Complete ANY of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** WRTG 150 - Writing and Rhetoric
- ELING 150 - First-Year Writing for International Students **AND** HONRS 120 - Intro to Interdisciplinary Thinking

**Additional Comments:**

| Title | Tags |
|---|---|
| Interdisciplinary Approach | 206614, 1 |

**Learning Outcome**
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

| Title | Tags |
|---|---|
| Making Connections | 206615, 2 |

**Learning Outcome**
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

leadership development in preparation for the Honors Leadership Practicum Experience. Emphasis is given to creating and managing effective teams, collaborating with interdisciplinary groups, building consensus, developing leadership traits, and building self-awareness.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking

**Additional Comments:**

**Other Prerequisites**
Complete at least one (3.0 credits) Unexpected Connections course (HONRS 220, 221, 223, 225, 226, 227, or 290R).

| Title | Tags |
|---|---|
| Interpersonal Leadership | 211093, 0, 2, 2021-07-28 10:24:42 |

**Learning Outcome**
Identify strategies for motivating others, managing conflict, and building consensus.

| Title | Tags |
|---|---|
| Personal Leadership | 211094, 0, 3, 2021-07-28 10:24:42 |

**Learning Outcome**
Demonstrate leadership self-awareness by describing and defining their own leadership traits.

| Title | Tags |
|---|---|
| Organizational Leadership | 211092, 0, 1, 2021-07-28 10:24:42 |

| Title | Tags |
| --- | --- |
| Communication Skills | 206616, 3 |

**Learning Outcome**
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

**Learning Outcome**
Define and describe basic principles for creating and managing effective interdisciplinary teams.

## HONRS 320 - Great Questions Tutorial

### Course Information

**Teaching Area (new)**
HONRS

**Course Number**
320

**Teaching Area**
HONRS

**Course Title**
Great Questions Tutorial

**Course Description**
This capstone to the Honors Program coursework provides group and individual instruction in researching and writing the Great Question Essay, an interdisciplinary essay on an approved "great question" of the student's choosing.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking

**Additional Comments:**

**Other Prerequisites**
Complete at least two (6.0 credits) Unexpected Connections courses (HONRS 220, 221, 223, 225, 226, 227, or 290R).

**Recommended**
Wrtg 150. Complete three (9.0 credits) Unexpected Connections courses (HONRS 220, 221, 223, 225, 226, 227, or 290R)

| Title | Tags |
| --- | --- |
| Writing | 206591, 3 |

## HONRS 390R - Leadership Practicum

### Course Information

**Teaching Area (new)**
HONRS

**Course Number**
390R

**Teaching Area**
HONRS

**Course Title**
Leadership Practicum

**Course Description**
Substantive leadership experience through approved interdisciplinary projects, programs, internships, or partnerships with the Honors Program. Projects provide opportunities for practical application of leadership principles, theory, and skills learned in the Honors Foundations of Interdisciplinary Leadership course.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** HONRS 310 - Foundations of Interdisciplinary Leadership

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Organizational Leadership | 206556, 0, 1, 2021-07-28 10:29:23 |

**Learning Outcome**
Demonstrate the application of basic leadership principles in creating and managing an interdisciplinary team.

| Title | Tags |
| --- | --- |

Learning Outcome
Write well for an educated, non-specialized audience using the essay genre effectively.

| Title | Tags |
| --- | --- |
| Great Questions | 206592, 1 |

Learning Outcome
Identify, conduct independent research on, and respond intelligently to a big or "great" question.

| Title | Tags |
| --- | --- |
| Interdisciplinary Thinking | 206617, 2 |

Learning Outcome
Apply empirical, behavioral, and interpretive approaches to demonstrate a solid understanding of how different disciplines can work together in unexpected ways to respond to a great question.

| Title | Tags |
| --- | --- |
| Interpersonal Leadership | 211095, 0, 2 |

Learning Outcome
Demonstrate the use of leadership strategies to motivate, manage conflict, and build concensus in an interdisciplinary team.

| Title | Tags |
| --- | --- |
| Personal Leadership | 206557, 0, 3, 2021-07-28 10:29:23 |

Learning Outcome
Explain in writing how self-awareness of their own leadership strengths and weaknesses benefited their project.

## HONRS 391R - Student Leadership Council

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HONRS | 391R |

**Teaching Area**
HONRS
**Course Title**
Student Leadership Council
**Course Description**
Course for students selected to the Honors Student Leadership Council. Members of HSLC advance the Honors Program's Mission through activities, events, marketing, and other program initiatives to cultivate an Honors community of scholars. The council works closely with Honors Program administration and an advisor to provide student input to the program, facilitate outreach, and engage peers in both academic and social pursuits. Members of HSLC obtain hands-on leadership experience as representatives of the Honors student community.
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
3

## HONRS 395R - Special Topics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HONRS | 395R |

**Teaching Area**
HONRS
**Course Title**
Special Topics
**Course Description**
For upper-level students on approved special topics supervised under the Honors Program. Topics vary.
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Writing | 206564, 2 |

### Lab Hours

Fixed
0

Other Prerequisites
Application required.

Recommended
HONRS 120 and at least one Honors Unexpected Connections course

| Title | Tags |
| --- | --- |
| Strengthen Honors Community | 206562, 0, 1, 2021-07-28 10:34:30 |

Learning Outcome
Plan and facilitate social and educational activities for members of the Honors community that build friendship, leadership, and learning across the campus.

| Title | Tags |
| --- | --- |
| Interpersonal Leadership | 211097, 0, 4 |

Learning Outcome
Demonstrate the use of leadership strategies to motivate, manage conflict, and build concensus in an interdisciplinary team.

| Title | Tags |
| --- | --- |
| Personal Leadership | 211098, 0, 5 |

Learning Outcome
Explain in writing how self-awareness of their own leadership strengths and weaknesses benefited projects, events, and committee work.

| Title | Tags |
| --- | --- |
| Organizational Leadership | 211096, 0, 3 |

Learning Outcome
Demonstrate the application of basic leadership principles in managing an interdisciplinary team.

| Title | Tags |
| --- | --- |
| Writing | 206564, 2 |

Learning Outcome
Students will be able to write on the course topic with appropriate conventions, use of evidence, and level of analysis and argumentation.

| Title | Tags |
| --- | --- |
| Specialized knowledge and skills | 206565, 1 |

Learning Outcome
Students will develop the particular knowledge, understanding, and skills associated with the specialized focus of the course. Topics vary.

## HONRS 499R - Honors Thesis

### Course Information

Teaching Area (new)
HONRS

Course Number
499R

Teaching Area
HONRS

Course Title
Honors Thesis

## HRM 300 - Organizational Behavior

### Course Information

Teaching Area (new)
HRM

Course Number
300

Teaching Area
HRM

Course Title
Organizational Behavior

Course Description
Advanced research and writing on an approved honors thesis topic.
When Taught
All Semesters/Terms

### Credit Hours

Min
0.5

Fixed
6

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
0

Other Prerequisites
Requires approved Honors Thesis proposal

| Title | Tags |
| --- | --- |
| Independent Research | 206618, 2 |

Learning Outcome
Apply skills of inquiry and analysis to conduct independent, original research on a discipline specific topic or question.

| Title | Tags |
| --- | --- |
| Writing and Communication | 206619, 3 |

Learning Outcome
Write and successfully defend a publishable thesis in the student's chosen discipline.

Course Description
Theories and concepts for creating effective organizations, e.g., individual, group, and organizational processes and human resource functions, including selection, compensation, and performance management.
Department
Management
When Taught
All Semesters/Terms

### Credit Hours

Min
3

Fixed
3

### Lab Hours

Fixed
0

Recommended
For business minors
Note
NOTE: For Business and Leadership minors and those who do not plan to major in business. Business majors are required to complete MSB 391; consult with the Business Advisement Center. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Effective Organizations | 176278, 2 |

Learning Outcome
Understand the characteristics of an effective organization and how to create them.

| Title | Tags |
| --- | --- |
| Employee Motivation | 176328, 3 |

Learning Outcome
Know how to accomplish an organization's goals through the motivation of employees.

| Title | Tags |
| --- | --- |
| Productive Work Environment | 176329, 4 |

Learning Outcome
Understand how to create a productive work environment.

| Title | Tags |
| --- | --- |
| Processes Leading to Long Term Effectiveness | 176330, 5 |

Learning Outcome

Comprehend the key processes leading to long term organizational effectiveness including understanding organizationa politics, culture, and how to manage organizational change.

## HRM 326 - Career Development and Student Mentoring

### Course Information

**Teaching Area (new)**
HRM
**Course Number**
326
**Teaching Area**
HRM
**Course Title**
Career Development and Student Mentoring
**Course Description**
Introduction to the resources, services, and opportunities for career development available to business management majors. Specific projects include developing a career plan, refining interviewing and networking skills, and interacting individually with a mentor well-established in a directly relevant career.
**Department**
Management
**When Taught**
Fall

#### Credit Hours

**Min**
1
**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Human Resource Management majors only.

## HRM 380 - Human Resource Management Executive Lecture Series

### Course Information

**Teaching Area (new)**
HRM
**Course Number**
380
**Teaching Area**
HRM
**Course Title**
Human Resource Management Executive Lecture Series
**Course Description**
Human resource executive guest lecture series. Students will gain exposure to human resource management (HRM) professionals and learn more about the challenges and opportunities that HRM careers provide.
**Department**
Management
**When Taught**
Fall

#### Credit Hours

**Min**
1
**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

## HRM 391 - Organizational Effectiveness

### Course Information

**Teaching Area (new)**
HRM
**Course Number**
391

## HRM 401 - Organizational Effectiveness

### Course Information

**Teaching Area (new)**
HRM
**Course Number**
401

HRM 391

**Teaching Area**
HRM
**Course Title**
Organizational Effectiveness
**Course Description**
Theories and concepts for creating effective organizations, e.g., individual, group, and organizational processes and human resource functions, including selection, compensation, and performance management.
**Department**
Management
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Marriott School majors only. (HRM majors complete HRM 401.)

| Title | Tags |
|---|---|
| Effective Organizations | 175812, 0 |

**Learning Outcome**
Create an effective organization, attract and train an effective workforce, motivate employees to accomplish the organization's goals, and create a productive work environment.

| Title | Tags |
|---|---|
| Team Work | 175813, 1 |

**Learning Outcome**
Work effectively in a team.

| Title | Tags |
|---|---|
| Change Management | 175814, 2 |

**Learning Outcome**
Manage change effectively.

HRM 401

**Teaching Area**
HRM
**Course Title**
Organizational Effectiveness
**Course Description**
Theories and concepts for creating effective organizations, e.g., individual, group, and organizational processes and human resource functions, including selection, compensation, and performance management.
**Department**
Management
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Human Resource Management students only.

## HRM 402 - Human Resource Management

### Course Information

**Teaching Area (new)**
HRM
**Course Number**
402
**Teaching Area**
HRM
**Course Title**
Human Resource Management
**Course Description**
Functions of human resource management: employee selection, wage and salary administration, training and development, employee relations, and human resource planning.
**Department**
Management
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Students intending to apply to the Human Resource Management major should plan to take this course in a required, designated Winter envelope in their first year of the program. Admitted students in other business majors may register for any non-enveloped section. Students majoring outside the business school may request an add code for a non-enveloped section by visiting 460 TNRB or emailing msb_advisement@byu.edu. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu

| Title | Tags |
|---|---|
| Purpose of HRM | 175815, 0 |

**Learning Outcome**
Understand the purpose, roles, frameworks, and activities of HRM within various types of organizations.

| Title | Tags |
|---|---|
| Recruitment Strategy | 175816, 1 |

## HRM 411 - Organizational Development and Change

### Course Information

**Teaching Area (new)**
HRM
**Course Number**
411
**Teaching Area**
HRM
**Course Title**
Organizational Development and Change
**Course Description**
Macro topics in organizational behavior, including organizational structure, culture, design, change management, strategic implementation, and HR training and development.
**Department**
Management
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Complete STAT 121 prerequisite prior to enrollment**
**Type**
Prerequisite

Complete STAT 121 prerequisite prior to enrollment

**Complete ALL of the following Courses:**
- STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
For Marriott School majors only.

| Title | Tags |
|---|---|
| Remembering | 176293, 0 |

**Learning Outcome**
Effectively apply change concepts and theories.

Learning Outcome
Use the strategies and methods of effective recruitment, selection, and retention.

| Title | Tags |
| --- | --- |
| Performance Management | 175817, 2 |

Learning Outcome
Demonstrate a working knowledge of performance management--its primary purposes, criteria, approaches, advantages and disadvantages, issues, and assessment.

| Title | Tags |
| --- | --- |
| Justifying and Communicating Learning | 176335, 2 |

Learning Outcome
Integrate consulting information and apply OD concepts and methodology to various organization problems.

| Title | Tags |
| --- | --- |
| Organizational Application | 176336, 3 |

Learning Outcome
Apply core principles of OD to design a consulting strategy with an organization in need of change.

| Title | Tags |
| --- | --- |
| Summarizing | 176337, 1 |

Learning Outcome
Articulate, evaluate, synthesize, and communicate various OD concepts, tools and methods.

## HRM 412 - Compensation, Benefits, and Performance Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HRM | 412 |

Teaching Area
HRM
Course Title
Compensation, Benefits, and Performance Management
Course Description
Wage and salary administration, incentives, employee benefits, grievance and discipline systems, performance appraisal.
Department
Management
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed

## HRM 413 - Managerial Leadership Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HRM | 413 |

Teaching Area
HRM
Course Title
Managerial Leadership Development
Course Description
Principles and practices needed to serve as effective leaders in families, church, community, and work settings -- planning, decision making, self-awareness, effective human influence, and community building.
Department
Management
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
HRM 402 (or Org B 327) or instructor's consent.

| Title | Tags |
| --- | --- |
| Job Evaluation | 175799, 0 |

Learning Outcome
Use a job evaluation program, such as the point method, to create a wage structure in an organization.

| Title | Tags |
| --- | --- |
| Employee Benefits Programs | 175801, 0 |

Learning Outcome
Describe the common elements of employee benefits programs and explain how they are administered.

| Title | Tags |
| --- | --- |
| Performance Evaluation | 175807, 0 |

Learning Outcome
Develop and use a performance appraisal program to evaluate employee performance and describe the strengths and weaknesses of different appraisal methods.

| Title | Tags |
| --- | --- |
| Pay Administration | 175808, 0 |

Learning Outcome
Administer a pay system, such as calculating take-home and overtime pay, creating executive compensation packages, and adjusting pay levels for inflation.

| Title | Tags |
| --- | --- |
| Wage Level Decisions | 175809, 0 |

Learning Outcome
Determine wage levels and use wage surveys to assign fair wage rates.

Fixed
3

### Lab Hours

Fixed
0

Note
Students intending to apply to the Human Resource Management major should plan to take this course in a required, designated Winter envelope in their first year of the program. Admitted students in other business majors may register for any non-enveloped section. Students majoring outside the business school may request an add code for a non-enveloped section by visiting 460 TNRB or emailing msb_advisement@byu.edu. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu

| Title | Tags |
| --- | --- |
| Behavioral Guidelines | 175795, 1 |

Learning Outcome
Describe the behavioral guidelines derived from relevant research for each of the skill areas in the course.

| Title | Tags |
| --- | --- |
| Understanding Self | 175818, 0 |

Learning Outcome
Analyze and assess personal leadership strengths and weaknesses.

| Title | Tags |
| --- | --- |
| Leadership Skill Areas | 175819, 2 |

Learning Outcome
Demonstrate improvement in at least two of the leadership skill areas of the course.

| Title | Tags |
| --- | --- |
| Improving Skills | 175820, 3 |

Learning Outcome
Make continuous improvements in your leadership skills.

| Title | Tags |
| --- | --- |
| Financial Incentives | 175810, 0 |

**Learning Outcome**
Use financial incentives to motivate employees through such programs as merit pay, individual or group bonuses, piece-rate incentives, commissions, bonuses, and profit sharing plans.

## HRM 421 - HRM Implementation

### Course Information

**Teaching Area (new)**
HRM
**Course Number**
421
**Teaching Area**
HRM
**Course Title**
HRM Implementation
**Course Description**
Integrative course on human resource management strategy formulation and implementation, including a field study. Topics include organizational alignment (HR structure and processes that fit the strategic goals of the organization), change management, and strategic leadership.
**Department**
Management
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

## HRM 430 - Managing Belonging & Inclusion

### Course Information

**Course Number**
430
**Teaching Area**
HRM
**Course Title**
Managing Belonging & Inclusion
**Course Description**
Learn best practices for creating and managing a diverse and inclusive workforce, including tactics organizations may take to manage belonging and inclusion and steps individuals may take to create more inclusive environments and relationships.
**Department**
Management
**When Taught**
Fall

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Completion Requirement

**Complete ANY of the following Courses:**
- HRM 391 - Organizational Effectiveness
- HRM 401 - Organizational Effectiveness

**Additional Comments:**

- HRM 402 - Human Resource Management

**Additional Comments:**

| Title | Tags |
|---|---|
| Current Perspectives | 213899, 0, 1, 2023-08-29 09:33:07 |

**Learning Outcome**
Describe current perspectives on belonging and inclusion in organizations

| Title | Tags |
|---|---|
| Personal Identity | 213900, 0, 2, 2023-08-29 09:33:09 |

**Learning Outcome**
Evaluate the aspects of personal identity and experiences that affect how a person interacts and engages with others in the workplace

| Title | Tags |
|---|---|
| Workplace Relationships | 213901, 0, 3, 2023-08-29 09:33:10 |

**Learning Outcome**
Propose ways to create and encourage workplace relationships across individual differences

| Title | Tags |
|---|---|
| Individual Differences | 213902, 0, 4, 2023-08-29 09:33:12 |

**Learning Outcome**
Identify the effects of individual differences on team dynamics and propose ways to successfully draw on individual differences

| Title | Tags |
|---|---|
| Solutions | 213903, 0, 5, 2023-08-29 09:33:13 |

**Learning Outcome**
Develop structural and/or cultural solutions to increasing company belonging and inclusion

## HRM 490R - Topics in Human Resource Management

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HRM | 490R |

**Teaching Area**
HRM
**Course Title**

## HRM 540 - Organizational Effectiveness

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| HRM | 540 |

**Teaching Area**
HRM
**Course Title**
Organizational Effectiveness

Course Title
Topics in Human Resource Management
Course Description
Special topics in organizational behavior. Course content varies from year to year.
Department
Management
When Taught
Fall and Winter

**Credit Hours**

Min
0.5

Fixed
3

**Lab Hours**

Fixed
0

Other Prerequisites
By permission only.

Course Description
Analysis of individual, group, and organizational variables that inhibit or facilitate effective organizational functioning. Topics include motivation, rewards, leadership, conflict, decision making, structure, evaluation, and change.
Department
Management
When Taught
Fall

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

Other Prerequisites
MAcc or MISM major status.

| Title | Tags |
| --- | --- |
| Membership and Leadership | 176126, 2 |

Learning Outcome
Function effectively as a member and leader of a work group.

| Title | Tags |
| --- | --- |
| Person-Organization Fit | 176131, 0 |

Learning Outcome
Articulate the factors that produce person-organization fit and explain how individual characteristics impact a person's fit with different organizations.

| Title | Tags |
| --- | --- |
| Conflict Management | 176136, 3 |

Learning Outcome
Manage conflict by using power appropriately and negotiating effectively.

| Title | Tags |
| --- | --- |
| Personal Effectiveness | 176311, 1 |

Learning Outcome
Understand the behaviors that enhance personal effectiveness in organizations.

| Title | Tags |
| --- | --- |
| Effective Organizational Change | 176312, 4 |

Learning Outcome
Use the principles of effective organizational change.

## HRM 585R - Pre-PhD HRM Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HRM | 585R |

Teaching Area
HRM
Course Title
Pre-PhD HRM Seminar
Course Description
Introduction to academic research in organizational behavior, human resources, leadership, and organization science. Preparation to complete quality peer-reviewed research and enter a PhD program. Core topics include developing research questions, hypothesis development, using the scientific method, performing literature reviews, and theory development. Special topics in management reviewed through in-depth analysis and discussion of peer-reviewed journal articles.
Department
Management
When Taught
Winter

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

## HUNG 100 - Language Study: Hungarian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HUNG | 100 |

Teaching Area
HUNG
Course Title
Language Study: Hungarian
Course Description
Survival-level conversation, reading, listening, and culture skills in Hungarian.
Department
Language Studies
When Taught
Contact Department

#### Credit Hours

Min
2
Fixed
2

#### Lecture Hours

Fixed
2

#### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 196169, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 196170, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196171, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## HUNG 101 - First-Year Hungarian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HUNG | 101 |

**Teaching Area**
HUNG
**Course Title**
First-Year Hungarian
**Course Description**
Beginning speaking, listening, reading, and writing skills in Hungarian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 193255, 2 |

## HUNG 102 - First-Year Hungarian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HUNG | 102 |

**Teaching Area**
HUNG
**Course Title**
First-Year Hungarian
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Hungarian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 193265, 1 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 193272, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193281, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- HUNG 101 - First-Year Hungarian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Speaking | 193289, 1 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Comprehension | 193298, 2 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193315, 3 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Writing | 194891, 4 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

## HUNG 201 - Second-Year Hungarian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HUNG | 201 |

**Teaching Area**
HUNG
**Course Title**
Second-Year Hungarian

## HUNG 211R - Second-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| HUNG | 211R |

**Teaching Area**
HUNG
**Course Title**
Second-Year Conversation

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Hungarian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HUNG 102 - First-Year Hungarian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 193332, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Grammar | 193340, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

**Course Description**
Intermediate listening comprehension and speaking skills in Hungarian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HUNG 201 - Second-Year Hungarian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Conversation | 193360, 1 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

| Title | Tags |
|---|---|
| Survival Transactions | 193372, 2 |

**Learning Outcome**
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 194892, 3 |

**Learning Outcome**
Be understood by native speakers accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Culture | 193350, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

| Title | Tags |
| --- | --- |
| Vocabulary | 193355, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

## HUNG 305 - Language Skills Development: Hungarian

### Course Information

**Teaching Area (new)**
HUNG
**Course Number**
305
**Teaching Area**
HUNG
**Course Title**
Language Skills Development: Hungarian
**Course Description**
Increasing proficiency in one or more of the following Hungarian language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 196172, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |

## HUNG 321 - Advanced Grammar: Hungarian

### Course Information

**Teaching Area (new)**
HUNG
**Course Number**
321
**Teaching Area**
HUNG
**Course Title**
Advanced Grammar: Hungarian
**Course Description**
Systematic review of grammar and syntax of Hungarian.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 196175, 1 |

| Communication | 196173, 2 |
|---|---|

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196174, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196176, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196177, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## HUNG 330 - Cultural History of Hungary

### Course Information

**Teaching Area (new)**
HUNG
**Course Number**
330
**Teaching Area**
HUNG
**Course Title**
Cultural History of Hungary
**Course Description**
Study of Hungarian culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## HUNG 340 - Introduction to Literature: Hungarian

### Course Information

**Teaching Area (new)**
HUNG
**Course Number**
340
**Teaching Area**
HUNG
**Course Title**
Introduction to Literature: Hungarian
**Course Description**
Advanced study of Hungarian literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

**Fixed**
1

**Other Prerequisites**
Hung 201 or foreign residence experience

**Note**
For returned missionaries and others with extensive Hungarian language experience. Required course for obtaining language credit by examination (Hung 101, 102, 201, 211R). Culminating course for Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 191521, 2 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 193093, 3 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 193225, 5 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education | 194904, 7 |

**Learning Outcome**
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements.

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HUNG 330 - Cultural History of Hungary

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196178, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196179, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196180, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196181, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## HUNG 350 - Advanced Language Study for Career Purposes: Hungarian

### Course Information

**Teaching Area (new)**
HUNG

**Course Number**
350

**Teaching Area**
HUNG

**Course Title**
Advanced Language Study for Career Purposes: Hungarian

**Course Description**
Concentration on Hungarian language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- HUNG 330 - Cultural History of Hungary

**Additional Comments:**

**Title**
Defined Career Purposes

**Tags**
196182, 1

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

## IAS 100 - Introduction to International Studies

### Course Information

**Teaching Area (new)**
IAS

**Course Number**
100

**Teaching Area**
IAS

**Course Title**
Introduction to International Studies

**Course Description**
Academic expectations in the major and career orientation; review of campus resources; faculty presentations.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Disciplinary Knowledge

**Tags**
200136, 1

**Learning Outcome**
Students will enhance their knowledge of the discipline(s) of International and Area Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196183, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196184, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196185, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196186, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## IAS 201R - Cultural Survey-Scandinavia

### Course Information

**Teaching Area (new)**
IAS
**Course Number**
201R
**Teaching Area**
IAS
**Course Title**
Cultural Survey-Scandinavia
**Department**
Internationl&Area Studies

## IAS 201R - Cultural Survey-Africa

### Course Information

**Teaching Area (new)**
IAS
**Course Number**
201R
**Teaching Area**
IAS
**Course Title**
Cultural Survey-Africa
**Department**
Internationl&Area Studies

**When Taught**
Contact Department

## Credit Hours

**Min**
0.5

**Fixed**
4

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
2

**Title**
Prepare the students to go on their international experience

**Tags**
200161, 1

**Learning Outcome**
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

**Title**
Course Objectives

**Tags**
200181, 2

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

**Title**
Practical Information

**Tags**
200182, 3

**When Taught**
Contact Department

## Credit Hours

**Min**
0.5

**Fixed**
4

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
2

**Title**
Prepare the students to go on their international experience

**Tags**
200163, 1

**Learning Outcome**
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

**Title**
Course Objectives

**Tags**
200185, 2

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

**Title**
Practical Information

**Tags**
200186, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

## IAS 201R - Cultural Survey-Asia

### Course Information

Teaching Area (new)
IAS
Course Number
201R
Teaching Area
IAS
Course Title
Cultural Survey-Asia
Department
Internationl&Area Studies
When Taught
Contact Department

### Credit Hours

Min
0.5

Fixed
4

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
2

Title
Prepare the students to go on their international experience
Tags
200156, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Tags

## IAS 201R - Cultural Survey-South Pacific

### Course Information

Teaching Area (new)
IAS
Course Number
201R
Teaching Area
IAS
Course Title
Cultural Survey-South Pacific
Department
Internationl&Area Studies
When Taught
Contact Department

### Credit Hours

Min
0.5

Fixed
4

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
2

Title
Prepare the students to go on their international experience
Tags
200164, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Tags

| Course Objectives | 200171, 2 |
|---|---|

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

| Title | Tags |
|---|---|
| Practical Information | 200172, 3 |

**Learning Outcome**

Students will learn the practical information necessary to succeed in the new cultures they will visit.

| Course Objectives | 200187, 2 |
|---|---|

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

| Title | Tags |
|---|---|
| Practical Information | 200188, 3 |

**Learning Outcome**

Students will learn the practical information necessary to succeed in the new cultures they will visit.

## IAS 201R - Cultural Survey-England

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| IAS | 201R |

**Teaching Area**
IAS
**Course Title**
Cultural Survey-England
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**

## IAS 201R - Cultural Survey-Europe

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| IAS | 201R |

**Teaching Area**
IAS
**Course Title**
Cultural Survey-Europe
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**

2

**Other Prerequisites**
Performing group or ISP participant status

| Title | Tags |
|---|---|
| Prepare the students to go on their international experience | 200162, 1 |

**Learning Outcome**
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

| Title | Tags |
|---|---|
| Course Objectives | 200183, 2 |

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

| Title | Tags |
|---|---|
| Practical Information | 200184, 3 |

**Learning Outcome**
Students will learn the practical information necessary to succeed in the new cultures they will visit.

## IAS 201R - Cultural Survey

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| IAS | 201R |

**Teaching Area**
IAS
**Course Title**
Cultural Survey
**Course Description**
Multidisciplinary survey of various countries and regions in

2

| Title | Tags |
|---|---|
| Prepare the students to go on their international experience | 200155, 1 |

**Learning Outcome**
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

| Title | Tags |
|---|---|
| Course Objectives | 200169, 2 |

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

| Title | Tags |
|---|---|
| Practical Information | 200170, 3 |

**Learning Outcome**
Students will learn the practical information necessary to succeed in the new cultures they will visit.

## IAS 201R - Cultural Survey: Japan

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| IAS | 201R |

**Teaching Area**
IAS
**Course Title**
Cultural Survey: Japan
**Department**
International&Area Studies

preparation for extended experience abroad.
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Performing group or ISP participant status.

| Title | Tags |
| --- | --- |
| Prepare the students to go on their international experience | 200104, 0 |

**Learning Outcome**
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

| Title | Tags |
| --- | --- |
| Course Objectives | 200167, 1 |

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Performing group or ISP participant status.

| Title | Tags |
| --- | --- |
| Prepare the students to go on their international experience | 200165, 1 |

**Learning Outcome**
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

| Title | Tags |
| --- | --- |
| Course Objectives | 200189, 2 |

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

| Title | Tags |
| --- | --- |
| Practical Information | 200168, 2 |

**Learning Outcome**
Students will learn the practical information necessary to succeed in the new cultures they will visit.

| Title | Tags |
| --- | --- |
| Practical Information | 200190, 3 |

**Learning Outcome**
Students will learn the practical information necessary to succeed in the new cultures they will visit.

## IAS 201R - Cultural Survey-Eastern Europe

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IAS | 201R |

**Teaching Area**
IAS
**Course Title**
Cultural Survey-Eastern Europe
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Prepare the students to go on their international experience | 200160, 1 |

**Learning Outcome**
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study

## IAS 201R - Cultural Survey-USSR

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IAS | 201R |

**Teaching Area**
IAS
**Course Title**
Cultural Survey-USSR
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Prepare the students to go on their international experience | 200159, 1 |

**Learning Outcome**
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study

of, foreign perspectives on one's own culture.

| Title | Tags |
| --- | --- |
| Course Objectives | 200179, 2 |

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

| Title | Tags |
| --- | --- |
| Practical Information | 200180, 3 |

**Learning Outcome**

Students will learn the practical information necessary to succeed in the new cultures they will visit.

## IAS 201R - Cultural Survey-China

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IAS | 201R |

**Teaching Area**
IAS
**Course Title**
Cultural Survey-China
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
2

of, foreign perspectives on one's own culture.

| Title | Tags |
| --- | --- |
| Course Objectives | 200177, 2 |

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

| Title | Tags |
| --- | --- |
| Practical Information | 200178, 3 |

**Learning Outcome**

Students will learn the practical information necessary to succeed in the new cultures they will visit.

## IAS 201R - Cultural Survey-Middle East

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IAS | 201R |

**Teaching Area**
IAS
**Course Title**
Cultural Survey-Middle East
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
2

**Lab Hours**

**Fixed**
2

**Title**
Prepare the students to go on their international experience

**Tags**
200157, 1

**Learning Outcome**
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

**Lab Hours**

**Fixed**
2

**Title**
Prepare the students to go on their international experience

**Tags**
200158, 1

**Learning Outcome**
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

**Title**
Course Objectives

**Tags**
200173, 2

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

**Title**
Course Objectives

**Tags**
200175, 2

**Learning Outcome**

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

**Title**
Practical Information

**Tags**
200174, 3

**Learning Outcome**
Students will learn the practical information necessary to succeed in the new cultures they will visit.

**Title**
Practical Information

**Tags**
200176, 3

**Learning Outcome**
Students will learn the practical information necessary to succeed in the new cultures they will visit.

# IAS 220 - Introduction to Development Studies

## Course Information

**Teaching Area (new)**
IAS

**Course Number**
220

**Teaching Area**

# IAS 221 - Introduction to Africana Studies

## Course Information

**Teaching Area (new)**
IAS

**Course Number**
221

**Teaching Area**
IAS

IAS

**Course Title**
Introduction to Development Studies

**Course Description**
Exploration of international development in non-formal education, micro-enterprises, community organizations; hunger, poverty, and other special problems in developing areas of the world.

**Department**
Internationl&Area Studies

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Intro to Development Studies | 17017, 0 |

**Learning Outcome**
Upon successfully completing this course, a student will be able to recognize the historical origins of international development and the various agendas that it embodies. Upon successfully completing this course, a student will be able to recognize and articulate the complexity of international development issues and their interdisciplinary nature. Upon successfully completing this course, a student will be able to identify major theories and approaches to international development both in general and across different key disciplines. Upon successfully completing this course, a student will be intellectually ready to embark on an International Development Minor Internship.

**Course Title**
Introduction to Africana Studies

**Course Description**
Introduction to the discipline of Africana Studies, focusing on (1) themes that emerge in this field, such as communities and cultures, race and gender, or the legacies of slavery and colonialism, and (2) methods relevant to the study of those themes.

**Department**
Internationl&Area Studies

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Area Knowledge | 200138, 1 |

**Learning Outcome**
Students will enhance their knowledge of various approaches to understanding and analyzing Africa, its people, and culture.

# IAS 300 - Professional Development in International Studies

## Course Information

**Course Number**
300
**Teaching Area**
IAS
**Course Title**
Professional Development in International Studies
**Course Description**
Students explore professional pathways and receive tailored mentoring towards their professional goals. Exercises help students design models of who they want to become personally and professionally. Designed for students in their second or third years at the university.
**Department**
Internationl&Area Studies
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
1

**Recommended**
Recommended for students in their second or third year of university studies.

| Title | Tags |
|---|---|
| Professional pathways | 213904, 0, 1, 2023-08-29 09:34:00 |

**Learning Outcome**
Students will develop an understanding of their preferred professional pathways as well as make a 5-year plan to pursue their professional interests.

| Title | Tags |
|---|---|
| Professional planning | 213905, 0, 2, 2023-08-29 09:34:02 |

**Learning Outcome**
Students understand how to craft a customized professional plan for the next five years based on their strengths, values, and preferences

| Title | Tags |
|---|---|
| Professional skills | 213906, 0, 3, 2023-08-29 09:34:03 |

# IAS 301R - Kennedy Center Lecture Series

## Course Information

**Teaching Area (new)**
IAS
**Course Number**
301R
**Teaching Area**
IAS
**Course Title**
Kennedy Center Lecture Series
**Course Description**
Weekly lectures by noted scholars and practitioners on an important international theme. The theme for this course changes each semester. Designed for students in any major or minor program as a gateway to topics in international studies.
**Department**
Internationl&Area Studies
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Current Research in International Studies | 207002, 1 |

**Learning Outcome**
Students will gain and demonstrate and improved understanding of the latest research in a central issue in international studies, including its political, economic, cultural, and social implications.

| Title | Tags |
|---|---|
| Effective Written Communication and Analysis | 207003, 2 |

**Learning Outcome**
Studies will write critically and persuasively about the ideas presented in the class lectures.

**Learning Outcome**
Students understand how to create professional resumes, online profiles, and presentations of their skills.

## IAS 302R - Seminar in International Studies

### Course Information

**Course Number**
302R
**Teaching Area**
IAS
**Course Title**
Seminar in International Studies
**Course Description**
This course is a discussion seminar on a topic related to the theme of the Kennedy Center lecture series in the semester in which it is taught.
**Department**
Internationl&Area Studies
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
3

**Title**
Critical Reasoning

**Tags**
213907, 0, 1, 2023-08-29 09:34:09

**Learning Outcome**
Students will learn critical reasoning, analysis, and discussion on complex topics

**Title**
Analytical Writing

**Tags**
213908, 0, 2, 2023-08-29 09:34:11

**Learning Outcome**
Students will write and receive feedback on analytical essays, strengthening their written communication skills

**Title**
Global Awareness

**Tags**
213909, 0, 3, 2023-08-29 09:34:12

**Learning Outcome**
Students will expand their contemporary and historical understanding of global issues

## IAS 351R - Model United Nations Preparation

### Course Information

**Teaching Area (new)**
IAS
**Course Number**
351R
**Teaching Area**
IAS
**Course Title**
Model United Nations Preparation
**Course Description**
Preparation for participating in MUN projects, on campus, in public schools, and at the United Nations in New York.
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Title**
MUN Preparation: Understand the framework for multilateral diplomacy

**Tags**
200117, 1

**Learning Outcome**
Students will demonstrate understanding of the process and politics of international organizations

**Title**
MUN Preparation: Explore the rationale for diplomacy

**Learning Outcome**
Students will understand how international law informs diplomacy and relates to international organization.

**Title**
MUN Preparation: Improve public speaking ability

**Learning Outcome**
Students will improve oratory ability by learning and demonstrating elements of effective public speaking.

| | |
|---|---|
| Title<br>MUN Preparation: Improve policy writing ability | Learning Outcome<br>Students will demonstrate the ability to write policy papers and resolutions with regular feedback and various opportunities individually, in small groups and in large simulations. |
| Title<br>MUN Preparation: Improve research ability | Learning Outcome<br>Students will demonstrate effective research skills while learning about country policies and international topics in greater depth. |
| Title<br>MUN Preparation: Develop parliamentary procedure skills | Learning Outcome<br>Students will learn and effectively use beginning and intermediate parliamentary procedure in group settings. |
| Title<br>MUN Preparation: Expand leadership capacity | Learning Outcome<br>Students will explore the dynamics of leadership, including motivation, decision making, and group dynamics and will begin to demonstrate leadership abilities, especially in simulations/case study/small group activities. |

## IAS 353R - Intercultural Outreach Preparation

### Course Information

**Teaching Area (new)**
IAS

**Course Number**
353R

**Teaching Area**
IAS

**Course Title**
Intercultural Outreach Preparation

**Course Description**
Developing abilities to prepare and share international understanding in public and private schools.

**Department**
Internationl&Area Studies

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**

## IAS 354R - Model Arab League Preparation

### Course Information

**Teaching Area (new)**
IAS

**Course Number**
354R

**Teaching Area**
IAS

**Course Title**
Model Arab League Preparation

**Course Description**
Understanding Middle Eastern governments and foreign policies. Preparation and attendance at the Model Arab League Conference.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Instructor's consent

| Title | Tags |
| --- | --- |
| Intercultural Outreach | 200123, 0 |

Learning Outcome
Activelyreflect on your own cultural values, practices, and traditions and develop an articulated sense of respect for themStudy, understand, and negotiate the central role cultural values—your own and others'—play in all human interactionsDevelop a personal framework for effective intercultural participationProbe commonly held views of culture and intercultural competenceDevelop a pedagogical approach for fostering transformative cultural contact situations and for creating "third zones", as negotiated and productive areas of intercultural workCreate written and oral forms of intercultural outreachBecome an active agent for intercultural responsibility and competence

| Title | Tags |
| --- | --- |
| Intercultural Outreach | 200119, 0 |

Learning Outcome
Activelyreflect on your own cultural values, practices, and traditions and develop an articulated sense of respect for themStudy, understand, and negotiate the central role cultural values—your own and others'—play in all human interactionsDevelop a personal framework for effective intercultural participationProbe commonly held views of culture and intercultural competenceDevelop a pedagogical approach for fostering transformative cultural contact situations and

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Area Knowledge | 200139, 1 |

Learning Outcome
Students will enhance their knowledge of both the assigned country and the larger context in which the Arab League functions.

for creating “third zones”, as negotiated and productive areas of intercultural workCreate written and oral forms of intercultural outreachBecome an active agent for intercultural responsibility and competence

## IAS 360R - International Field Study Preparation

### Course Information

**Teaching Area (new)**
IAS
**Course Number**
360R
**Teaching Area**
IAS
**Course Title**
International Field Study Preparation
**Course Description**
Cross-cultural field research and survival with a regional emphasis and application.
**Department**
Internationl&Area Studies
**When Taught**
Winter

### Credit Hours

**Min**
0.5
**Fixed**
9

### Lab Hours

**Fixed**
0

**Note**
For students preparing for International Field Studies and Internships or Study Abroad programs.

**Title**
Field Studies Preparation
**Tags**
200116, 0

**Learning Outcome**
1. Improve your ability to ask analytical and insightful questions as relates to your experience and express yourself more clearly in writing.2. Develop cross-cultural skills for entering and navigating a new culture and developing new meaningful relationships with people from often very different backgrounds than you.3. Further develop a working

## IAS 369R - International Internship Preparation

### Course Information

**Teaching Area (new)**
IAS
**Course Number**
369R
**Teaching Area**
IAS
**Course Title**
International Internship Preparation
**Course Description**
Orientation on cross-cultural communication, globalization, interfacing with internship providers, culture shock, international safety/health, and BYU policies abroad.
**Department**
Internationl&Area Studies
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1
**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Note**
For students preparing to participate in an internship, field practicum, or experiential learning experience abroad.

Further develop a working knowledge of field methods and project design, and develop a clearly written and implementable plan for your field study.4. Develop a basic understanding of research ethics and the IRB process.5. Collaborate and learn from others in the BYU Field Studies community.6. Create realistic expectations of yourself and your academic experience abroad.

## IAS 380R - Cultural Proofs

### Course Information

**Teaching Area (new)**
IAS

**Course Number**
380R

**Teaching Area**
IAS

**Course Title**
Cultural Proofs

**Course Description**
Independent research on cultural topics and intercultural communication.

**Department**
Internationl&Area Studies

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Note**
For students studying abroad.

**Title**
Research Skills

**Tags**
200110, 2

**Learning Outcome**
Through participation in the cultural proofs exercises, each student will become familiar

## IAS 397R - Topics in International and Area Studies

### Course Information

**Teaching Area (new)**
IAS

**Course Number**
397R

**Teaching Area**
IAS

**Course Title**
Topics in International and Area Studies

**Course Description**
Study relating to current world problems.

**Department**
Internationl&Area Studies

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent

**Title**
Factual Knowledge

**Tags**
200108, 0

**Learning Outcome**
Students will gain knowledge through advanced study in focused area of IAS

**Title**
Critical Thinking and Effective Writing

**Tags**
200118, 1

**Learning Outcome**
The student will develop these skills by producing a well-reasoned and well-written research paper

with basic field study research skills and practices

| Title | Tags |
| --- | --- |
| Factual Knowledge | 200120, 0 |

**Learning Outcome**
Gain knowledge from close observation of cultural traditions and practices

| Title | Tags |
| --- | --- |
| Critical Thinking and Effective Writing | 200121, 1 |

**Learning Outcome**
Each student will develop in these areas through careful analysis of cultural traditions and practices and the production of field notes and a reflective written summary

| Title | Tags |
| --- | --- |
| Research Skills | 200124, 2 |

**Learning Outcome**
Develop techniques of advanced research appropriate to the study

| Title | Tags |
| --- | --- |
| Critical Thinking and Effective Writing | 200149, 1 |

**Learning Outcome**
The student will develop these skills by producing a well-reasoned and well-written research paper

| Title | Tags |
| --- | --- |
| Research Skills | 200150, 2 |

**Learning Outcome**
Develop techniques of advanced research appropriate to the study

| Title | Tags |
| --- | --- |
| Factual Knowledge | 200151, 3 |

**Learning Outcome**
Students will gain knowledge through advanced study in focused area of IAS

| Title | Tags |
| --- | --- |
| Critical Thinking and Effective Writing | 200152, 1 |

**Learning Outcome**
The student will develop these skills by producing a well-reasoned and well-written research paper

| Title | Tags |
| --- | --- |
| Research Skills | 200153, 2 |

**Learning Outcome**
Develop techniques of advanced research appropriate to the study

| Title | Tags |
| --- | --- |
| Factual Knowledge | 200154, 3 |

**Learning Outcome**
Students will gain knowledge through advanced study in

focused area of IAS

## IAS 399R - International and Area Studies Academic Internship

### Course Information

**Teaching Area (new)**
IAS
**Course Number**
399R
**Teaching Area**
IAS
**Course Title**
International and Area Studies Academic Internship
**Course Description**
Individualized work or volunteer experience in an international setting or with an international focus.
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
Acceptance into program
**Note**
An APPROVED Internship Application is required before adding. International experiences must be coordinated through the International Study Programs office. Domestic experiences must be coordinated through the Domestic Internship Coordinator in the Kennedy Center Advisement Office.

| Title | Tags |
|---|---|
| Academic Internship | 17015, 0 |

**Learning Outcome**
· Apply skills and material learned in traditional courses to a real-world workplace environment.· Demonstrate proficiency in the skills required by the internship supervisor.· Demonstrate an ability to link insights gained from traditional classes and from real-world workplace experiences.

## IAS 421 - Seminar on Japanese Workplace: Society and Culture

### Course Information

**Teaching Area (new)**
IAS
**Course Number**
421
**Teaching Area**
IAS
**Course Title**
Seminar on Japanese Workplace: Society and Culture
**Department**
Internationl&Area Studies
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent
**Note**
Required seminar for interns in the Japan seminar and intern program held only in Japan.

| Title | Tags |
|---|---|
| Area Knowledge | 200140, 1 |

**Learning Outcome**
Students will deepen their understanding of Japanese workplace, society, and culture.

## IAS 491 - Directed Research for African Studies Minor

### Course Information

**Teaching Area (new)**
IAS

**Course Number**
491

**Teaching Area**
IAS

**Course Title**
Directed Research for African Studies Minor

**Course Description**
Directed research project (library and/or on-site experience) related to African studies or the African diaspora. Must be supervised by faculty with extensive in-field experience in Africa and African Studies.

**Department**
Internationl&Area Studies

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2.5

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Enrollment in the African Studies minor.

**Note**
Students may adapt their research project to their individual major requirements with the approval of their major department.

| Title | Tags |
| --- | --- |
| Area Knowledge | 200141, 1 |

**Learning Outcome**
Student will enhance their knowledge of a specific selected topic in African Studies.

## IB 100 - IB Credit

### Course Information

**Teaching Area (new)**
IB

**Course Number**
100

**Teaching Area**
IB

**Course Title**
IB Credit

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
9

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Note**
Use for transfer credit only.

## ICLND 101 - First-Year Icelandic

### Course Information

**Teaching Area (new)**
ICLND

**Course Number**
101

**Teaching Area**

## ICLND 102 - First-Year Icelandic

### Course Information

**Teaching Area (new)**
ICLND

**Course Number**
102

**Teaching Area**

Teaching Area
ICLND
Course Title
First-Year Icelandic
Course Description
Basic language skills.
Department
Language Studies
When Taught
Fall Odd Years

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Writing | 190283, 2 |

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Icelandic on familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 190345, 1 |

Learning Outcome
Students will be able to speak Icelandic well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, obtain food and lodging, carry out simple transactions, and talk about a variety of topics of common interest primarily in the present, with limited use of other time frames.)

| Title | Tags |
| --- | --- |
| Comprehension | 190424, 0 |

Learning Outcome
Students will comprehend

Teaching Area
ICLND
Course Title
First-Year Icelandic
Course Description
Basic language skills.
Department
Language Studies
When Taught
Winter Even Years

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 190236, 0 |

Learning Outcome
Students will be able to comprehend Icelandic as they hear and read authentic language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Language Learning Strategies | 190415, 3 |

Learning Outcome
Students will develop strategies to help them derive meaning from a wide variety of authentic language texts.

| Title | Tags |
| --- | --- |
| Culture | 190481, 4 |

Learning Outcome
Students will display appropriate awareness of everyday culture in Icelandic-speaking countries.

| Title | Tags |
| --- | --- |
| Speaking | 190571, 1 |

Students will comprehend Icelandic as they hear and read authentic language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 190444, 4 |

**Learning Outcome**
Students will display appropriate awareness of everyday culture in Icelandic-speaking countries.

| Title | Tags |
| --- | --- |
| Language Learning Strategies | 190448, 3 |

**Learning Outcome**
Students will develop comprehension and learning strategies to help them derive meaning from a wide variety of authentic language texts.

**Learning Outcome**
Students will be able to speak Icelandic well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.)

| Title | Tags |
| --- | --- |
| Writing | 190574, 2 |

**Learning Outcome**
Students will be able to write short messages and well-articulated sentences in Icelandic on familiar topics.

## ICLND 201 - Second-Year Icelandic

### Course Information

**Teaching Area (new)**
ICLND
**Course Number**
201
**Teaching Area**
ICLND
**Course Title**
Second-Year Icelandic
**Course Description**
Conversation, vocabulary building, and reading and writing skills, emphasizing writing.
**Department**
Language Studies
**When Taught**
Fall Even Years

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

## ICLND 202 - Second-Year Icelandic

### Course Information

**Teaching Area (new)**
ICLND
**Course Number**
202
**Teaching Area**
ICLND
**Course Title**
Second-Year Icelandic
**Course Description**
Emphasis on literature and culture with continued writing, grammar, listening, and speaking.
**Department**
Language Studies
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Iclnd 102 or equivalent experience

| Title | Tags |
|---|---|
| Speaking and Writing | 190352, 1 |

**Learning Outcome**
Students will be able to speak and write Icelandic well enough to satisfy immediate needs. (Students will learn to communicate in social situations asking and answering questions, carrying out transactions, and talking about a variety of topics of common interest in present, past, and future times.)

| Title | Tags |
|---|---|
| Comprehension | 190410, 0 |

**Learning Outcome**
Students will be able to comprehend Icelandic as they hear and read authentic language relating to familiar topics with strategies to even derive meaning out of less familiar topics.

| Title | Tags |
|---|---|
| Opinions | 190467, 3 |

**Learning Outcome**
Students will be able to begin expressing and supporting opinions about familiar topics.

| Title | Tags |
|---|---|
| Conversation | 190526, 2 |

**Learning Outcome**
Students will be able to participate actively in conversations about Icelandic-speaking countries, concrete topics, and current events.

## ICLND 211R - Second-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ICLND | 211R |

**Teaching Area**
ICLND

**Fixed**
1

| Title | Tags |
|---|---|
| Literature and Cultural History | 190397, 1 |

**Learning Outcome**
Students will be able to identify and define key characteristics of the important moments in Icelandic cultural history and place significant works in a meaningful cultural and historical context using the basic tools of literary analysis.

| Title | Tags |
|---|---|
| Icelandic Culture | 190445, 7 |

**Learning Outcome**
Students will broaden and deepen their perception and appreciation of Icelandic culture.

| Title | Tags |
|---|---|
| Comprehension | 190449, 3 |

**Learning Outcome**
Students will be able to comprehend Icelandic as they hear and read authentic language relating to familiar and less familiar topics.

| Title | Tags |
|---|---|
| Speaking and Writing | 191540, 5 |

**Learning Outcome**
Students will improve their reading and writing skills in Icelandic by beginning to communicate in connected and extended discourse, expressing and supporting opinion, and navigating less-familiar topics and situations.

## ICLND 311R - Third-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ICLND | 311R |

**Teaching Area**
ICLND

**Course Title**
Second-Year Conversation
**Course Description**
Intermediate listening comprehension and speaking skills.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Other Prerequisites**
Iclnd 102 or equivalent experience

| Title | Tags |
|---|---|
| Vocabulary | 190273, 3 |

**Learning Outcome**
Students will speak in a way so as to be understood most of the time without difficulty by native speakers unaccustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Fluency | 190370, 2 |

**Learning Outcome**
Students will be able to use an appropriate variety of vocabulary related to autobiographical and concrete topics.

| Title | Tags |
|---|---|
| Opinions | 190514, 1 |

**Learning Outcome**
Students will be able to speak about autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions, and cope with gaps in knowledge.

| Title | Tags |
|---|---|
| Description and Narration | 190565, 0 |

**Learning Outcome**
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

**Course Title**
Third-Year Conversation
**Course Description**
Advanced conversational skills.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Other Prerequisites**
Iclnd 211R or equivalent experience

| Title | Tags |
|---|---|
| Opinions | 190408, 1 |

**Learning Outcome**
Students will be able to relate current events, plots of books or movies, and state opinion.

| Title | Tags |
|---|---|
| Pronunciation | 190434, 4 |

**Learning Outcome**
Students will speak in a way so as to be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Description and Narration | 190466, 0 |

**Learning Outcome**
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

| Title | Tags |
|---|---|
| Fluency | 190500, 2 |

**Learning Outcome**
Students will be able to initiate and maintain fluent conversations and cope with gaps in knowledge in contexts related to concrete topics.

| Title | Tags |
|---|---|

| | |
|---|---|
| Vocabulary | 190570, 3 |

**Learning Outcome**
Students will be able to speak using an appropriate variety of vocabulary related to autobiographical and concrete topics as well as to current and other events.

## ICLND 399R - Academic Internship

### Course Information

**Teaching Area (new)**
ICLND
**Course Number**
399R
**Teaching Area**
ICLND
**Course Title**
Academic Internship
**Course Description**
On-the-job experience in Icelandic.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Department's consent

| Title | Tags |
|---|---|
| Professional Experience | 190630, 1 |

**Learning Outcome**
Improve professional experience and appreciation of cultural practices in an international context.

## ICLND 429 - Old Icelandic Language and Literature

### Course Information

**Teaching Area (new)**
ICLND
**Course Number**
429
**Teaching Area**
ICLND
**Course Title**
Old Icelandic Language and Literature
**Course Description**
Readings and exercises in Old Icelandic; introduction to Old Icelandic literature and its influence on later Icelandic culture.
**Department**
Comparative Arts &Letters
**When Taught**
Winter Odd Years

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Iclnd 201 or equivalent experience
**Note**
Entry course for returned missionaries or others with equivalent Icelandic language experience. Required course for obtaining language credit by examination (Iclnd 101, 102, 201, 211R). Culminating course for GE Foreign Language requirement.

| Title | Tags |
|---|---|
| Linguistic Skills | 190035, 4 |

**Learning Outcome**
Students will build upon their

Students will build upon their previous knowledge of Icelandic (whether as a missionary or through Icelandic 202) by strengthening their understanding of its complex grammar. Students will also develop a clear understanding of the morphological, phonological, syntactic, and semantic differences between Old and Modern Icelandic.

| Title | Tags |
| --- | --- |
| Reading and Analytic Skills | 190420, 1 |

**Learning Outcome**

Students will develop the capacity to read and understand Old Icelandic texts with considerable facility and develop an appreciation for the richness and variety of Old Icelandic literature through close readings from a variety of sagas and poetry.

## ICS 290R - International Cinema

### Course Information

**Teaching Area (new)**
ICS

**Course Number**
290R

**Teaching Area**
ICS

**Course Title**
International Cinema

**Course Description**
Students will view significant films and discuss them in a seminar setting in order to increase cultural awareness, enrich language acquisition, enhance critical analysis abilities, and develop understanding of cinematic art.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
4

## ICS 390 - Film and Media Theory

### Course Information

**Teaching Area (new)**
ICS

**Course Number**
390

**Teaching Area**
ICS

**Course Title**
Film and Media Theory

**Course Description**
Studying historical and contemporary film and media theory and applying it to the analysis of film and other visual media.

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

## ICS 490R - Seminar in International Cinema Studies

### Course Information

**Teaching Area (new)**
ICS

**Course Number**
490R

**Teaching Area**
ICS

**Course Title**
Seminar in International Cinema Studies

**Course Description**
Study of the history and analysis of cinema and media arts at an advanced level.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

## ICS 491 - International Cinema Studies Capstone

### Course Information

**Teaching Area (new)**
ICS

**Course Number**
491

**Teaching Area**
ICS

**Course Title**
International Cinema Studies Capstone

**Course Description**
Producing a final portfolio and project by International Cinema Studies minors.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ICS 390 - Film and Media Theory

**Additional Comments:**

**Title**
Synthesis

**Tags**
199869, 1

**Learning Outcome**
Students will demonstrate an advanced level of knowledge that reflects the culmination of work done throughout their program coursework.

## IHUM 101 - An Introduction to the Humanities

### Course Information

**Teaching Area (new)**
IHUM

**Course Number**
101

**Teaching Area**
IHUM

**Course Title**
An Introduction to the Humanities

**Course Description**
Study of the arts emphasizing forms and relationships, the development of critical skills, and an awareness of traditional humanistic values.

**Department**
Comparative Arts &Letters

**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
European and American cultural history

**Tags**
190228, 0

**Learning Outcome**
Demonstrate basic knowledge of European and American cultural history.

**Title**
Artistic Production, Methodologies and Techniques

**Tags**
190301, 1

**Learning Outcome**
Demonstrate basic knowledge of methods, techniques, and approaches used in the production of artistic artifacts

## IHUM 201 - Western Humanities 1: Antiquity to Renaissance

### Course Information

**Teaching Area (new)**
IHUM

**Course Number**
201

**Teaching Area**
IHUM

**Course Title**
Western Humanities 1: Antiquity to Renaissance

**Course Description**
Western civilization from Greek antiquity to Renaissance from perspective of traditional humanistic values reflected in its arts and ideas. Examines fundamental questions about human experience, formative events in history, and value of important literary and artistic texts.

**Department**
Comparative Arts &Letters

**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Historical Events

**Tags**
190375, 0

**Learning Outcome**
Demonstrate factual knowledge of major Western European historical events from approximately 1200 BCE to the late Renaissance.

**Title**
Communication Skills

**Tags**
190248, 4

**Learning Outcome**
Improve communication skills through short writing

production of artistic artifacts

| Title | Tags |
| --- | --- |
| Artistic Production, Methodologies and Techniques | 190323, 0 |

**Learning Outcome**
Demonstrate basic knowledge of methods, techniques, and approaches used in the production of artistic artifacts

| Title | Tags |
| --- | --- |
| European and American cultural history | 190356, 0 |

**Learning Outcome**
Demonstrate basic knowledge of European and American cultural history.

| Title | Tags |
| --- | --- |
| Critical Thinking and Writing | 190421, 2 |

**Learning Outcome**
Demonstrate ability to analyze a cultural artifact, using terminology appropriate to the art form being studied, and evaluate its effectiveness as an expression of cultural values

| Title | Tags |
| --- | --- |
| Critical Thinking and Writing | 190423, 0 |

**Learning Outcome**
Demonstrate ability to analyze a cultural artifact, using terminology appropriate to the art form being studied, and evaluate its effectiveness as an expression of cultural values

through short writing assignments that require higher order thinking skills to connect cultural values discussed in class with daily experiences and evaluate their relevance to modern life.

| Title | Tags |
| --- | --- |
| Analysis | 190287, 3 |

**Learning Outcome**
Analyze the basic components of a literary work, a painting, or a building through the correct use of appropriate terminology and evaluative models

| Title | Tags |
| --- | --- |
| Ideology vs. Artifacts | 190492, 2 |

**Learning Outcome**
Explain the connections between dominant Western ideologies and cultural artifacts produced from approximately 1200 BCE to the late Renaissance.

| Title | Tags |
| --- | --- |
| Figures and Movements | 190512, 1 |

**Learning Outcome**
Demonstrate factual knowledge of major Western European figures and movements in philosophy, science, literature, art, architecture, and music from approximately 1200 BCE to the late Renaissance.

## IHUM 202 - Western Humanities 2: Renaissance to the Present

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IHUM | 202 |

**Teaching Area**
IHUM
**Course Title**
Western Humanities 2: Renaissance to the Present
**Course Description**
Western civilization from Renaissance to present from perspective of traditional humanistic values reflected in its arts and ideas. Examines

## IHUM 241 - Humanities of East Asia

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IHUM | 241 |

**Teaching Area**
IHUM
**Course Title**
Humanities of East Asia
**Course Description**
This course will introduce students to the humanities of Japan, China, and Korea, paying particular attention to the way visual art, architecture, ritual, film, literature, and other forms shed light on the

fundamental questions about human experience, formative events in history, and value of important literary and artistic texts.
**Department**
Comparative Arts &Letters
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Figures and Movements | 190350, 1 |

**Learning Outcome**
Demonstrate factual knowledge of major Western European figures and movements in philosophy, science, literature, art, architecture, and music from approximately 1515 AD/CE to the modern period.

| Title | Tags |
| --- | --- |
| Communication Skills | 190368, 4 |

**Learning Outcome**
Construct cogent, lucid, and persuasive arguments in essays and short papers combining formal analysis of cultural artifacts with critical evaluation of the Western ideologies that helped produce them.

| Title | Tags |
| --- | --- |
| Analysis | 190416, 3 |

**Learning Outcome**
Analyze the basic components of a literary work, a painting, or a building through the correct use of appropriate terminology and evaluative models.

religious traditions shared by these traditions.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Ideologies vs. Artifacts | 190355, 2 |

**Learning Outcome**
Explain the connections between dominant Western ideologies and cultural artifacts produced from approximately 1515 AD/CE to the modern period

| Title | Tags |
| --- | --- |
| Historical Events | 190441, 0 |

**Learning Outcome**
Demonstrate factual knowledge of major Western European historical events from approximately 1515 AD/CE to the modern period.

| Title | Tags |
| --- | --- |
| Writing | 190568, 4 |

**Learning Outcome**
Construct cogent, lucid, and persuasive arguments in essays and short papers combining formal analysis of cultural artifacts with critical evaluation of the Western ideologies that helped produce them

## IHUM 242 - Introduction to the Humanities of the Islamic World

### Course Information

**Teaching Area (new)**
IHUM
**Course Number**
242
**Teaching Area**
IHUM
**Course Title**
Introduction to the Humanities of the Islamic World
**Course Description**
Major arts of Islamic cultures in their historical, religious, and philosophical settings.
**Department**
Comparative Arts &Letters
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**

## IHUM 243 - Introduction to the Humanities of South Asia

### Course Information

**Teaching Area (new)**
IHUM
**Course Number**
243
**Teaching Area**
IHUM
**Course Title**
Introduction to the Humanities of South Asia
**Course Description**
Ancient South Asia, the coming of Islam, the British Raj, and the modern arts of South Asia. Exposure to 1) basic philosophical and religious ideas that have shaped South Asian cultures, and 2) important works of art, literature, music, theater, and cinema produced by those cultures.
**Department**
Comparative Arts &Letters
**When Taught**
Fall

### Credit Hours

**Min**

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Analyze Islamic Humanities

Tags
189363, 1

Learning Outcome
Analyze, using appropriate terminology and evaluative models, the key components of Islamic humanities.

Title
Non-Western Cultural Understanding

Tags
190252, 2

Learning Outcome
Demonstrate basic understanding of at least one culture in addition to North American and European cultures

Title
Patterns and Parallels in World Religions

Tags
190505, 0

Learning Outcome
To observe patterns and parallels that exist in all world religions in an effort to assess how religious beliefs and practices give meaning to people's lives everywhere

Title
Aesthetic/Intellectual Contributions of the Islamic World

Tags
190561, 3

Learning Outcome
to acquire a basic understanding and appreciation of the history, beliefs, practices, and aesthetic/intellectual contributions of the Islamic world in order to allow students to discuss Islam with accuracy and respect. It should be the aim of the student of comparative

3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

religion to explain another religious tradition sympathetically and intelligently so that an adherent of that faith would recognize that explanation as authentic and acceptable

| Title | Tags |
| --- | --- |
| Comparative Religion | 190567, 1 |

**Learning Outcome**
To gain a deeper awareness of one's own religious tradition through a comparative (not competitive!) approach to the study of humanities and religion

## IHUM 244 - Humanities of Africa

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IHUM | 244 |

**Teaching Area**
IHUM
**Course Title**
Humanities of Africa
**Course Description**
Major arts of African cultures in their historical, religious, and philosophical settings.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## IHUM 250 - Introduction to Interdisciplinary Humanities

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IHUM | 250 |

**Teaching Area**
IHUM
**Course Title**
Introduction to Interdisciplinary Humanities
**Course Description**
Major literary, artistic, and musical forms and their use in the interdisciplinary study of aesthetics and culture and intellectual history. May include International Cinema.
**Department**
Comparative Arts &Letters
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0.5

| Title | Tags |
| --- | --- |
| Artifact Production Methodologies and Techniques | 190336, 3 |

**Learning Outcome**
Broaden and deepen your knowledge of methods, techniques, and approaches used in the production of artistic artifacts

| Title | Tags |
| --- | --- |
| Writing Exercises | 190340, 4 |

**Learning Outcome**
Improve your writing skills through directed exercises

| Title | Tags |
| --- | --- |
| Individual Counseling | 190392, 2 |

**Learning Outcome**
Receive individualized counseling and direction for your Interdisciplinary Humanities major

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 190443, 0 |

**Learning Outcome**
Sharpen your analytical and critical thinking skills

| Title | Tags |
| --- | --- |
| Vocabulary and Technical Terminology | 190539, 1 |

**Learning Outcome**
Master vocabulary and technical terms used in the analysis of a variety of artistic artifacts

| Title | Tags |
| --- | --- |
| Close Reading Skills | 190564, 5 |

**Learning Outcome**
Learn and practice close reading skills for various disciplines in the humanities

## IHUM 260 - Humanities of Latin America

### Course Information

Teaching Area (new) Course Number

## IHUM 261 - Introduction to American Humanities 1: Colonial Era Through 1876

Teaching Area (new) | Course Number
IHUM | 260
Teaching Area
IHUM
Course Title
Humanities of Latin America
Course Description
Achievements of Latin American culture regarding art, philosophy, literature, and music from the pre-Columbian era to the present.
Department
Comparative Arts &Letters
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title | Tags
Critical Thinking and Analysis | 190234, 0

Learning Outcome
Learn to think, speak, and write critically about literature (poetry, essay, short story, novel), painting, film, and music and to provide thoughtful and insightful interpretations of major works

Title | Tags
Non-Western Culture | 190242, 4

Learning Outcome
Demonstrate basic understanding of at least one culture in addition to North American and European cultures

Title | Tags
Latin American Experience in the Arts | 190318, 2

Learning Outcome
Develop an appreciation for the major racial, social, geographical,

## Course Information

Teaching Area (new) | Course Number
IHUM | 261
Teaching Area
IHUM
Course Title
Introduction to American Humanities 1: Colonial Era Through 1876
Course Description
Value systems reflected in the arts and ideas of the United States from the colonial era to 1876.
Department
Comparative Arts &Letters
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title | Tags
European and American Cultural History | 190235, 2

Learning Outcome
Demonstrate broad interdisciplinary knowledge of European and American cultural andintellectual history

Title | Tags
Scholarly Discourse and Methodology | 190274, 4

Learning Outcome
Engage with current scholarly discourse within the accepted methodology of the fieldconcerned

Title | Tags
Figures and Works in American Arts: Pre-Columbian to 1876 | 190302, 0

Learning Outcome
Develop a broad familiarity with

major racial, social, geographical, and historical challenges of Latin American experience as they are reflected thematically and formally in the arts

| Title | Tags |
| --- | --- |
| Cultural Developments in Latin America | 190403, 3 |

**Learning Outcome**
Gain a historical understanding of the major cultural developments in modern Latin America and respect for Latin American people and their cultures

| Title | Tags |
| --- | --- |
| Culture and Latin American Identity | 190426, 1 |

**Learning Outcome**
Understand the vital role culture plays in formulating and promoting Latin American identity and autonomy and in probing universal questions about human experience

some of the most significant figures and works in the history of the American arts from Pre-Columbian times to 1876

| Title | Tags |
| --- | --- |
| Lifelong Learning and Service | 190425, 1 |

**Learning Outcome**
Commit to a lifetime of learning and service to humanity

| Title | Tags |
| --- | --- |
| Cultural Traditions and Voices: Pre-Columbian to 1876 | 190436, 5 |

**Learning Outcome**
Develop an appreciation for the rich variety of cultural traditions and voices on display in American history from Pre-Columbian times to 1876

| Title | Tags |
| --- | --- |
| Figures and Works in American Arts: 1876 to Present | 190485, 3 |

**Learning Outcome**
Develop a broad familiarity with some of the most significant figures and works in the history of the American arts from 1876 to the present

## IHUM 262 - Introduction to American Humanities 2: 1877 to the Present

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IHUM | 262 |

**Teaching Area**
IHUM
**Course Title**
Introduction to American Humanities 2: 1877 to the Present
**Course Description**
Value systems reflected in the arts and ideas of the United States from 1877 to the present.
**Department**
Comparative Arts &Letters
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

## IHUM 280R - Sophomore Seminar: Humanities and Science

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IHUM | 280R |

**Teaching Area**
IHUM
**Course Title**
Sophomore Seminar: Humanities and Science
**Course Description**
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

Fixed
3

Fixed
3

## Lecture Hours

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

## Lab Hours

Fixed
0

Title
Figures and Works in American Arts: 1876 to Present

Tags
190305, 3

Learning Outcome
develop a broad familiarity with some of the most significant figures and works in the history of the American arts from 1876 to the present

Title
Argumentation

Tags
190276, 1

Learning Outcome
Improve the student's ability to develop persuasive arguments in both oral and written forms

Title
Lifelong Learning and Service

Tags
190327, 6

Learning Outcome
commit to a lifetime of learning and service to humanity

Title
American History: 1876 to Present

Tags
190373, 1

Learning Outcome
develop an appreciation for the rich variety of cultural traditions and voices on display in American history from 1876 to the present

Title
European and American History

Tags
190451, 0

Learning Outcome
demonstrate broad interdisciplinary knowledge of European and American cultural andintellectual history

Title
Research Arguments and Methodologies

Tags
190501, 4

Learning Outcome

produce original arguments based on sound research methodology

| Title | Tags |
| --- | --- |
| Scholarly Discourse | 190582, 5 |

**Learning Outcome**
engage with current scholarly discourse within the accepted methodology of the fieldconcerned

| Title | Tags |
| --- | --- |
| Critical Thinking, Analysis, and Writing | 190589, 2 |

**Learning Outcome**
demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly andpersuasively

## IHUM 280R - Sophomore Seminar in Interdisciplinary Humanities

### Course Information

**Teaching Area (new)**
IHUM

**Course Number**
280R

**Teaching Area**
IHUM

**Course Title**
Sophomore Seminar in Interdisciplinary Humanities

**Course Description**
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.

**Department**
Comparative Arts &Letters

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Analytical Writing

**Tags**
190752, 1

**Learning Outcome**
Strengthen writing skills through instructor feedback and student response, learning to accept criticism and responding positively to it

## IHUM 280R - Sophomore Seminar: Humanities and Popular Culture.

### Course Information

**Teaching Area (new)**
IHUM

**Course Number**
280R

**Teaching Area**
IHUM

**Course Title**
Sophomore Seminar: Humanities and Popular Culture.

**Course Description**
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Analytical Writing

**Tags**
190454, 2

**Learning Outcome**
Strengthen writing skills through instructor feedback and student response, learning to accept criticism and responding positively to it

## IHUM 280R - Sophomore Seminar: Humanities and the Environment.

### Course Information

**Teaching Area (new)**
IHUM

**Course Number**
280R

**Teaching Area**
IHUM

**Course Title**
Sophomore Seminar: Humanities and the Environment.

**Course Description**
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Critical Thinking

**Tags**
190447, 0

**Learning Outcome**
Expand critical thinking abilities through activities that stretch the student's abilities in reading, writing, and comprehension

## IHUM 280R - Sophomore Seminar: Humanities and the Sacred

### Course Information

**Teaching Area (new)**
IHUM

**Course Number**
280R

**Teaching Area**
IHUM

**Course Title**
Sophomore Seminar: Humanities and the Sacred

**Course Description**
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Analytical Writing

**Tags**
190753, 1

**Learning Outcome**
Strengthen writing skills through instructor feedback and student response, learning to accept criticism and responding positively to it

## IHUM 280R - Sophomore Seminar: Humanities and Law.

### Course Information

**Teaching Area (new)**
IHUM

**Course Number**
280R

**Teaching Area**
IHUM

**Course Title**

## IHUM 311 - Advanced Writing in Comparative Arts and Humanities

### Course Information

**Teaching Area (new)**
IHUM

**Course Number**
311

**Teaching Area**
IHUM

**Course Title**

Sophomore Seminar: Humanities and Law.

**Course Description**
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Analytical Writing | 190754, 1 |

**Learning Outcome**
Strengthen writing skills through instructor feedback and student response, learning to accept criticism and responding positively to it

Advanced Writing in Comparative Arts and Humanities

**Course Description**
Introduction to the language, methods, and purpose of academic argument, oral and written. Core principles behind academic argumentation and its relevance to logical thinking and effective communication.

**Department**
Comparative Arts &Letters

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
First-Year Writing.

| Title | Tags |
|---|---|
| Critical Thinking, Analysis, and Writing | 191043, 1 |

**Learning Outcome**
Demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly and persuasively.

| Title | Tags |
|---|---|
| Scholarly Discourse | 191044, 2 |

**Learning Outcome**
Demonstrate in written assignments acquaintance with and understanding of scholarly interpretations of cultural artifacts relevant to the course content.

| Title | Tags |
|---|---|
| Research Arguments and Methodologies | 191045, 3 |

**Learning Outcome**
Produce original arguments based on sound research

methodology

## IHUM 350 - Interpretation of Literature and the Arts

### Course Information

**Teaching Area (new)**
IHUM

**Course Number**
350

**Teaching Area**
IHUM

**Course Title**
Interpretation of Literature and the Arts

**Course Description**
Understanding and writing about literature and at least one of the other arts; critical theory.

**Department**
Comparative Arts &Letters

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
IHum 201 and 202 and 250. At least two of the remaining historical foundation courses (item 3 under major requirements).

**Note**
Should be taken junior year.

| Title | Tags |
| --- | --- |
| Humanities Philosophy | 190254, 1 |

**Learning Outcome**
Develop a basic understanding of the kinds of philosophical questions that have been and still are important to the study of the humanities

| Title | Tags |
| --- | --- |
| Meaning and Importance | 190296, 2 |

## IHUM 370 - Contemporary Issues in the Humanities

### Course Information

**Teaching Area (new)**
IHUM

**Course Number**
370

**Teaching Area**
IHUM

**Course Title**
Contemporary Issues in the Humanities

**Course Description**
Methods and practices of the discipline. Developing and executing research programs. Writing thoughtful, well-informed and sophisticated papers. Introduction to significant and pressing cultural issues such as globalization, media and the arts, memory and history, among others.

**Department**
Comparative Arts &Letters

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- IHUM 201 - Western Humanities 1: Antiquity to Renaissance
  **AND** IHUM 202 - Western Humanities 2: Renaissance to the Present
  **AND** IHUM 250 - Introduction to Interdisciplinary Humanities

**Additional Comments:**

**Recommended**
Engl 311.

**Learning Outcome**
Develop a mature, sophisticated ability to discern meaning and importance in the works we study in the humanities

| Title | Tags |
| --- | --- |
| Literary Interpretation and Theory | 190303, 0 |

**Learning Outcome**
Develop the student's basic understanding of theories of interpretation in the humanities that relate to questions of gender, class, and race or ethnicity

| Title | Tags |
| --- | --- |
| Research and Argumentation | 190272, 2 |

**Learning Outcome**
Improve library research and persuasive argumentation skills through focused writing exercises

| Title | Tags |
| --- | --- |
| Analytical Skills | 190464, 1 |

**Learning Outcome**
Improve the ability to discern meaning and importance in cultural artifacts through close reading analysis

| Title | Tags |
| --- | --- |
| Contemporary Critical Theory and Interpretation | 190438, 0, 0 |

**Learning Outcome**
Develop a deeper understanding of various contemporary theories of interpretation in the humanities.

## IHUM 390R - Junior Seminar in the Interdisciplinary Humanities: Movements, Periods, and Areas

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IHUM | 390R |

**Teaching Area**
IHUM
**Course Title**
Junior Seminar in the Interdisciplinary Humanities: Movements, Periods, and Areas
**Course Description**
Topics could cover significant movements, periods, areas, and genres in a cultural history of the arts. Obtaining a deep understanding of the arts and the values articulated within a particular historical era. The use of concepts usch as history, context, area, and genre in the study of the arts.
**Department**
Comparative Arts &Letters
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**

## IHUM 399R - Academic Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IHUM | 399R |

**Teaching Area**
IHUM
**Course Title**
Academic Internship
**Course Description**
Combined study-work experience related to the humanities major (museums, government agencies, publishing firms, etc.).
**Department**
Comparative Arts &Letters
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
9

### Lecture Hours

**Fixed**

Fixed
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- IHUM 250 - Introduction to Interdisciplinary Humanities

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Transferable Skills | 190291, 1 |

**Learning Outcome**
Demonstrate advanced critical thinking, analytical and writing skills in oral and written assignments.

| Title | Tags |
| --- | --- |
| Argumentation and Research Methodology | 190357, 2 |

**Learning Outcome**
Demonstrate refined argumentation skills and mastery of library research techniques in written assignments.

| Title | Tags |
| --- | --- |
| Scholarly Discourse | 190430, 3 |

**Learning Outcome**
Demonstrate in written assignments acquaintance with and understanding of scholarly interpretations of cultural artifacts from the chosen historical period.

| Title | Tags |
| --- | --- |
| Cultural and Intellectual History | 190573, 0 |

0

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- IHUM 250 - Introduction to Interdisciplinary Humanities

**Additional Comments:**

**Other Prerequisites**
A major in the College of Humanities.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Cultural Awareness | 190313, 1 |

**Learning Outcome**
Expand understanding and knowledge of world cultures through in-country residency and improvement of foreign language skills

| Title | Tags |
| --- | --- |
| Experiential Learning | 190542, 0 |

**Learning Outcome**
Strengthen social, communication and organizational skills essential to competing successfully in the job market through working on-site in a business environment

Learning Outcome
Demonstrate deep knowledge of a particular historical period's cultural and intellectual creations in a chosen culture.

## IHUM 490R - Seminar in the Humanities

### Course Information

Teaching Area (new): IHUM
Course Number: 490R
Teaching Area: IHUM
Course Title: Seminar in the Humanities
Course Description: Interdisciplinary study of problems and major figures in the humanities. Topics vary.
Department: Comparative Arts &Letters
When Taught: All Semesters/Terms

### Credit Hours

Min: 3
Fixed: 3

### Lecture Hours

Fixed: 3

### Lab Hours

Fixed: 0

Other Prerequisites: IHum 350 or concurrent enrollment.
Recommended: IHum 370

| Title | Tags |
|---|---|
| Subject-Specific Outcomes | 190321, 1 |

Learning Outcome
Each iteration of this course has more specific outcomes based on the subject matter at hand; those additional objectives are articulated in each instructor's customized syllabus

Title

## IHUM 495R - Directed Readings

### Course Information

Teaching Area (new): IHUM
Course Number: 495R
Teaching Area: IHUM
Course Title: Directed Readings
Course Description: Course set up only in special circumstances and by permission for focused study of a topic in the humanities.
Department: Comparative Arts &Letters
When Taught: Contact Department

### Credit Hours

Min: 0.5
Fixed: 3

### Lecture Hours

Fixed: 0

### Lab Hours

Fixed: 0

Other Prerequisites: Contract and instructor's consent.

| Title | Tags |
|---|---|
| Critical Thinking, Analysis and Writing | 190383, 0 |

Learning Outcome
Demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly and persuasively, through intensive study of selected texts under the guidance of a faculty mentor.

Title
Research Arguments and Methodologies

Tags
190527, 2

Learning Outcome
Produce original arguments based on sound research methodology

Title
Critical Thinking, Analysis, and Writing

Tags
190550, 0

Learning Outcome
Demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly and persuasively.

Title
Argumentation and Research Methodology

Tags
190563, 1

Learning Outcome
Produce original arguments based on sound research methodology, evidenced in a term paper of substantial length submitted to the faculty mentor.

## IHUM 595R - Directed Readings

### Course Information

Teaching Area (new)
IHUM

Course Number
595R

Teaching Area
IHUM

Course Title
Directed Readings

Department
Comparative Arts &Letters

When Taught
Contact Department

#### Credit Hours

Min
0.5

Fixed
3

Other Prerequisites
Graduate coordinator's consent

Title
Argumentation and Research Methodology

Tags
190320, 1

Learning Outcome
Produce original arguments based on sound research methodology, evidenced in a term paper of substantial length submitted to the faculty mentor.

Title
Scholarly Discourse

Tags
190332, 2

Learning Outcome
Engage with and evaluate

## ILANG 100 - Language Study: Ilangot

### Course Information

Teaching Area (new)
ILANG

Course Number
100

Teaching Area
ILANG

Course Title
Language Study: Ilangot

Course Description
Survival-level conversation, reading, listening, and culture skills in Ilangot.

Department
Language Studies

When Taught
Contact Department

#### Credit Hours

Min
2

Fixed
2

#### Lecture Hours

Fixed
2

#### Lab Hours

Fixed
0

Title
Speaking

Tags
196187, 1

scholarly treatments and interpretations of cultural artifacts chosen for intensive study under the guidance of a faculty mentor.

| Title | Tags |
| --- | --- |
| Critical Thinking, Analysis, and Writing Skills | 190488, 0 |

**Learning Outcome**
Demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly and persuasively, through intensive study of selected texts under the guidance of a faculty mentor.

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 196188, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196189, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## ILANG 101 - First-Year Language Study: Ilangot

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ILANG | 101 |

**Teaching Area**
ILANG
**Course Title**
First-Year Language Study: Ilangot
**Course Description**
Beginning speaking, listening, reading, and writing skills in Ilangot.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

## ILANG 102 - First-Year Language Study: Ilangot

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ILANG | 102 |

**Teaching Area**
ILANG
**Course Title**
First-Year Language Study: Ilangot
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Ilangot.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 196190, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196191, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196192, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196193, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ILANG 101 - First-Year Language Study: Ilangot

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 196194, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196195, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196196, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196197, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## ILANG 201 - Second-Year Language Study:

## ILANG 202 - Second-Year Language Study:

## Ilangot

### Course Information

**Teaching Area (new)**
ILANG

**Course Number**
201

**Teaching Area**
ILANG

**Course Title**
Second-Year Language Study: Ilangot

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Ilangot.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ILANG 102 - First-Year Language Study: Ilangot

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196198, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|

## Ilangot

### Course Information

**Teaching Area (new)**
ILANG

**Course Number**
202

**Teaching Area**
ILANG

**Course Title**
Second-Year Language Study: Ilangot

**Course Description**
Continued emphasis on Ilangot communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ILANG 201 - Second-Year Language Study: Ilangot

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196202, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Vocabulary | 196199, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 196200, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 196201, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

| Title | Tags |
| --- | --- |
| Comprehension | 196203, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196204, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196205, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## ILANG 305 - Language Skills Development: Ilangot

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ILANG | 305 |

**Teaching Area**
ILANG
**Course Title**
Language Skills Development: Ilangot
**Course Description**
Increasing proficiency in one or more of the following Ilangot language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**

## ILANG 321 - Advanced Grammar: Ilangot

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ILANG | 321 |

**Teaching Area**
ILANG
**Course Title**
Advanced Grammar: Ilangot
**Course Description**
Systematic review of grammar and syntax of Ilangot.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196206, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196207, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196208, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ILANG 202 - Second-Year Language Study: Ilangot

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196209, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196210, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196211, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## ILANG 330 - Advanced Language Proficiency Through Cultural Studies: Ilangot

### Course Information

**Teaching Area (new)**
ILANG

**Course Number**
330

**Teaching Area**
ILANG

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Ilangot

**Course Description**
Study of Ilangot culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Ilang 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196212, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196213, 2 |

**Learning Outcome**
Understand detailed written and

## ILANG 340 - Introduction to Literature: Ilangot

### Course Information

**Teaching Area (new)**
ILANG

**Course Number**
340

**Teaching Area**
ILANG

**Course Title**
Introduction to Literature: Ilangot

**Course Description**
Advanced study of Ilangot literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ILANG 330 - Advanced Language Proficiency Through Cultural Studies: Ilangot

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196216, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196214, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196215, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

| Title | Tags |
| --- | --- |
| Key Characteristics | 196217, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 196218, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 196219, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## ILANG 350 - Advanced Language Study for Career Purposes: Ilangot

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ILANG | 350 |

**Teaching Area**
ILANG
**Course Title**
Advanced Language Study for Career Purposes: Ilangot
**Course Description**
Concentration on Ilangot language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## ILOCN 100 - Language Study: Ilocano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ILOCN | 100 |

**Teaching Area**
ILOCN
**Course Title**
Language Study: Ilocano
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Ilocano.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ILANG 330 - Advanced Language Proficiency Through Cultural Studies: Ilangot

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 196220, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196221, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196222, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196223, 4 |

**Learning Outcome**
Communicate effectively at the

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 196225, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 196226, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196227, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196224, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## ILOCN 101 - First-Year Language Study: Ilocano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ILOCN | 101 |

**Teaching Area**
ILOCN
**Course Title**
First-Year Language Study: Ilocano
**Course Description**
Beginning speaking, listening, reading, and writing skills in Ilocano.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

## ILOCN 102 - First-Year Language Study: Ilocano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ILOCN | 102 |

**Teaching Area**
ILOCN
**Course Title**
First-Year Language Study: Ilocano
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Ilocano.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 196228, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196229, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196230, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196231, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ILOCN 101 - First-Year Language Study: Ilocano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 196232, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196233, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196234, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196235, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## ILOCN 201 - Second-Year Language Study: Ilocano

### Course Information

## ILOCN 202 - Second-Year Language Study: Ilocano

### Course Information

**Teaching Area (new)**
ILOCN

**Course Number**
201

**Teaching Area**
ILOCN

**Course Title**
Second-Year Language Study: Ilocano

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Ilocano.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ILOCN 102 - First-Year Language Study: Ilocano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196236, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196237, 2 |

**Learning Outcome**
Broaden vocabulary for both

**Teaching Area (new)**
ILOCN

**Course Number**
202

**Teaching Area**
ILOCN

**Course Title**
Second-Year Language Study: Ilocano

**Course Description**
Continued emphasis on Ilocano communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ILOCN 201 - Second-Year Language Study: Ilocano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196240, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|

reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 196238, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 196239, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

| Title | Tags |
| --- | --- |
| Comprehension | 196241, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196242, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196243, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## ILOCN 305 - Language Skills Development: Ilocano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ILOCN | 305 |

**Teaching Area**
ILOCN
**Course Title**
Language Skills Development: Ilocano
**Course Description**
Increasing proficiency in one or more of the following Ilocano language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

## ILOCN 321 - Advanced Grammar: Ilocano

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ILOCN | 321 |

**Teaching Area**
ILOCN
**Course Title**
Advanced Grammar: Ilocano
**Course Description**
Systematic review of grammar and syntax of Ilocano.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

### Credit Hours

Min
1

Fixed
4

Other Prerequisites
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 196244, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 196245, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196246, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ILOCN 202 - Second-Year Language Study: Ilocano

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 196247, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 196248, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196249, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## ILOCN 330 - Advanced Language

## ILOCN 340 - Introduction to Literature:

# Proficiency Through Cultural Studies: Ilocano

## Course Information

**Teaching Area (new)**
ILOCN

**Course Number**
330

**Teaching Area**
ILOCN

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Ilocano

**Course Description**
Study of Ilocano culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Ilocn 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196250, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196251, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and

# Ilocano

## Course Information

**Teaching Area (new)**
ILOCN

**Course Number**
340

**Teaching Area**
ILOCN

**Course Title**
Introduction to Literature: Ilocano

**Course Description**
Advanced study of Ilocano literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ILOCN 330 - Advanced Language Proficiency Through Cultural Studies: Ilocano

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196254, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196255, 2 |

broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196252, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196253, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 196256, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 196257, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## ILOCN 350 - Advanced Language Study for Career Purposes: Ilocano

### Course Information

**Teaching Area (new)**
ILOCN
**Course Number**
350
**Teaching Area**
ILOCN
**Course Title**
Advanced Language Study for Career Purposes: Ilocano
**Course Description**
Concentration on Ilocano language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## INDES 130 - Visual Literacy

### Course Information

**Teaching Area (new)**
INDES
**Course Number**
130
**Teaching Area**
INDES
**Course Title**
Visual Literacy
**Course Description**
Introduction to designerly methods of visual literacy; including how designers think, practice, evaluate, and create persuasive, visual compositions. Manipulating visual elements to a goal. How to break down the persuasive qualities of a visual composition by creating both 2 and 3-dimensional abstract artifacts. Understanding and applying a well-designed line and space. One of four core design courses exploring aptitude for a career in design.
**Department**
Design
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ILOCN 330 - Advanced Language Proficiency Through Cultural Studies: Ilocano

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196258, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 196259, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 196260, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 196261, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when

2

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
3

**Other Prerequisites**
InDes 131, 132, 133 concurrent in the same semester. Admittance into the pre-professional program for Industrial Design.

| Title | Tags |
|---|---|
| Application | 181007, 1 |

**Learning Outcome**
Students should be able to:Apply principles of design to create aesthetic 2D and 3D CompositionsApply basic software skills in Adobe Illustrator and PhotoshopDiscuss and critique both 2D and 3D compositions using design terminalogy

| Title | Tags |
|---|---|
| Understanding | 181177, 0 |

**Learning Outcome**
Students should:Understand basic design vocabulary of principles and elements of designUnderstand both 2D and 3D aesthetic principles as they relate to industrial designUnderstand basic visual presentation skills

likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196262, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## INDES 132 - Form and Surface Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| INDES | 132 |

**Teaching Area**
INDES
**Course Title**
Form and Surface Development
**Course Description**
Understand and apply basic aesthetic principles to articulate, explore, and critique geometric and organic form. Create, evaluate, and analyze three-dimensional compositions and products.
**Department**
Design
**When Taught**
Contact Department

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
InDes 130, 131, and 133 concurrent in the same semester. Admittance to the pre-professional Industrial Design program

## INDES 231 - Visualization & Presentation Methods

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| INDES | 231 |

**Teaching Area**
DESPX
**Course Title**
Visualization & Presentation Methods
**Course Description**
Creating appropriate imagery for industrial design presentations. Improving on the analog motor skill of sketching. Introduction to digital sketching methods to enhance fundamental sketching concepts (use of line, proportion, composition, manually indicating basic form, perspective), as well as to the use of color, materials and finishes to accurately communicate an artifact.
**Department**
Design
**When Taught**
Fall.

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**

| Title | Tags |
| --- | --- |
| Application | 181026, 2 |

**Learning Outcome**
Students should be able to:Generate both rough and finished geometric and organic formsRecognize abstract three-dimensional elements in design context

| Title | Tags |
| --- | --- |
| Understanding | 181200, 0 |

**Learning Outcome**
Students should:Understand aesthetic principles as they relate to geometric and organic formsAnalyze formal qualities and articulate formal languages

3

**Simple Requisites**

**Prerequite**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DESPX 220 - Product 1

**Additional Comments:**

**Other Prerequisites**
For Product & User Experience Design BFA majors only.

| Title | Tags |
| --- | --- |
| Understanding | 181045, 1 |

**Learning Outcome**
Student should:Have an increased appreciation regarding the importance of presentation skills.Understand how to visually represent product materials, colors, and finishes.Understand how to compose a persuasive presentation

| Title | Tags |
| --- | --- |
| Application | 181065, 1 |

**Learning Outcome**
Student will be able to:Apply basic rendering skills including lighting effects, materials, colors, surface finish to rendering and sketches.Explore the difference between analog and digital based rendering techniques

| Title | Tags |
| --- | --- |
| Critique | 181116, 2 |

**Learning Outcome**
Benchmarking and critique – looking at the work of others and judging your own work effectively.

## INDES 233 - Presentation Methods for Industrial Design 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| INDES | 233 |

**Teaching Area**
INDES
**Course Title**

## INDES 300 - Advanced Prototyping Processes and Materials

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| INDES | 300 |

**Teaching Area**
INDES
**Course Title**

Presentation Methods for Industrial Design 2

**Course Description**

Focus on appropriate communication methods in industrial design, increasing ability to create complex visual presentations. Use of 2D computer programs to render (form/material representation) and present product concepts with the emphasis on narrative development and the meaningful communication of an intended message.

**Department**

Design

**When Taught**

Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- INDES 231 - Visualization & Presentation Methods

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Application | 181370, 2 |

**Learning Outcome**

Student will be able to:

Apply design principles to page layout and composition to create a portfolio.
Apply verbal skills in developing and communicating a persuasive narrative.
Apply visual skills in presenting information in a clear, concise, and compelling way.
Produce effective renderings using vector and raster based computer packages.
Adjust, manipulate, combine, and retouch images using Raster

Advanced Prototyping Processes and Materials

**Course Description**

Semi-functional mechanical prototyping. Includes time in the computer lab building the product to be constructed in the prototyping lab. Incorporation of fasteners, gears, threaded parts, snap features, tactile buttons and complex materials and assemblies in software. Printing, milling, cutting, assembling, and finishing these elements into a fully-functional working product prototype in the lab.

**Department**

Design

**When Taught**

Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- DESPX 200 - Prototyping Processes and Materials

Prerequisites

**Complete ALL of the following Courses:**

- TES 200 - Processes and Prototyping with Wood

**Additional Comments:**

based computer packages.
Produce complex presentations for industrial design using both vector and raster based packages in combination.

| Title | Tags |
| --- | --- |
| Understanding | 181534, 1 |

**Learning Outcome**
Student will:

Understand how to represent complex topics simply, clearly, and concisely using principles of information organization and effective presentation.
Understand principles of a good narrative.
Understand digital tools for the development of presentations and portfolio.
Understand the principles of building a strong visual representation of their work in a portfolio and for presentations.

## INDES 331R - Presentation Methods for Industrial Design 3

### Course Information

**Teaching Area (new)**
INDES
**Course Number**
331R
**Teaching Area**
INDES
**Course Title**
Presentation Methods for Industrial Design 3
**Course Description**
Sketching and rendering techniques focused on surface materials and finishes.
**Department**
Design
**When Taught**
Contact Department

**Credit Hours**

**Min**
2

**Fixed**
2

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
2

**Other Prerequisites**
Acceptance into the BFA program or instructor's consent.

| Title | Tags |
|---|---|
| Communication | 181353, 1 |

**Learning Outcome**
Be the end of this course students will have gained additional experience with innovating products and conveying the purpose of their new product to various audiences through communication methods such as displays, oral presentations, computer presentations, and other communication channels.

## INDES 341 - Technology Interface Studies for Industrial Design 1

### Course Information

**Teaching Area (new)**
INDES
**Course Number**
341
**Teaching Area**
INDES
**Course Title**
Technology Interface Studies for Industrial Design 1
**Course Description**
Understanding and improving the human experience with technology products. Exploring design-focused research, evaluation, and presentation techniques. Project based with the goal of learning by doing. No coding skills are required; however, basic visualization skills will be a benefit. Participating in user-centered research methods, mapping experiences, persona development, usability testing, prototyping, and developing new product proposals.
**Department**
Design
**When Taught**
Winter

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

## INDES 399R - Professional Internship

### Course Information

## INDES 440 - Graphics Studies for Industrial Design 2

## Course Information

**Teaching Area (new)**
INDES

**Course Number**
399R

**Teaching Area**
INDES

**Course Title**
Professional Internship

**Course Description**
Work experience in professional design studio evaluated by supervisor.

**Department**
Design

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
School's and faculty advisor's consent

**Note**
An APPROVED Internship Application is required before adding. Follow the Department Pre-registration Instructions prior to Internship Application.

| Title | Tags | Learning Outcome |
|---|---|---|
| Understanding | 181539, 1 | Student acquires professional experiences in Industrial Design. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Application | 181540, 3 | Student demonstrates the ability to use reflective thinking to convert professional experience into academic understanding. Student demonstrates professional communication skills (report). |

## Course Information

**Teaching Area (new)**
INDES

**Course Number**
440

**Teaching Area**
INDES

**Course Title**
Graphics Studies for Industrial Design 2

**Course Description**
Practical application of the skills necessary to put both 2d and 3d graphics into motion, to visually communicate product features/benefits to the end consumer. Fundamentals of Adobe After Effects/Cinema 4D Lite (motion graphics) and Adobe XD (user interface design/clickable prototypes). Enhancement of student portfolios by the addition of project examples that go beyond static 2d renders.

**Department**
Design

**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DES 340 - Graphics: Brand & Type

**Additional Comments:**

**Other Prerequisites**
Acceptance into the BFA Industrial Design program

## INDES 494R - Special Problems in Design

### Course Information

**Teaching Area (new)**
INDES

**Course Number**
494R

**Teaching Area**
INDES

**Course Title**
Special Problems in Design

**Course Description**
Individual study in area of special interest.

**Department**
Design

**When Taught**
Contact Department

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Innovation | 181355, 1 |

**Learning Outcome**
By the end of this course students will have gained additional experience with creative thining, innovation, execution of new ideas.

## INDES 495R - Global Engineering Outreach Projects

### Course Information

**Teaching Area (new)**
INDES

**Course Number**
495R

**Teaching Area**
INDES

**Course Title**
Global Engineering Outreach Projects

**Course Description**
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

**Department**
Design

**When Taught**
Fall, Winter, Spring

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

## INDES 497R - BFA Final Project

### Course Information

**Teaching Area (new)**
INDES

**Course Number**
497R

**Teaching Area**
INDES

**Course Title**
BFA Final Project

**Course Description**
Advanced individual project with minimum guidance, showing high degree of competence within chosen major.

**Department**
Design

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
3

**Fixed**

## INDON 100 - Language Study: Indonesian

### Course Information

**Teaching Area (new)**
INDON

**Course Number**
100

**Teaching Area**
INDON

**Course Title**
Language Study: Indonesian

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Indonesian.

**Department**
Language Studies

**When Taught**
Contact Department

**Credit Hours**

**Min**
2

**Fixed**

3

**Other Prerequisites**
BFA advisor's consent

**Learning Outcome**
Ability to work on an advance individual project with minimum guidance that focuses skills and knowledge learned on a single complex visualization.

**Tags**
54336, 0

**Title**
Reseach

**Tags**
54586, 0

**Learning Outcome**
Students will define a area of interest

**Learning Outcome**
Students should:Write a cogent design project proposalWork with judicious guidance on self-directed projectInvestigate chosen problem using design methodsDemonstrate elevated competence in: design skills, grasp of theory, design methodology

**Tags**
181207, 3

2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
196263, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title**
Social Situations

**Tags**
196264, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

**Title**
Follow Instructions

**Tags**
196265, 3

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## INDON 101 - First-Year Language Study: Indonesian

### Course Information

**Teaching Area (new)**
INDON

**Course Number**
101

**Teaching Area**
INDON

**Course Title**
First-Year Language Study: Indonesian

**Course Description**
Beginning speaking, listening, reading, and writing skills in Indonesian.

**Department**
Language Studies

**When Taught**
Contact Department

## INDON 102 - First-Year Language Study: Indonesian

### Course Information

**Teaching Area (new)**
INDON

**Course Number**
102

**Teaching Area**
INDON

**Course Title**
First-Year Language Study: Indonesian

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Indonesian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 196266, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196267, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196268, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196269, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- INDON 101 - First-Year Language Study: Indonesian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 196270, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196271, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196272, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar

accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196273, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## INDON 201 - Second-Year Language Study: Indonesian

### Course Information

**Teaching Area (new)**
INDON
**Course Number**
201
**Teaching Area**
INDON
**Course Title**
Second-Year Language Study: Indonesian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Indonesian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**
Prerequisites

## INDON 202 - Second-Year Language Study: Indonesian

### Course Information

**Teaching Area (new)**
INDON
**Course Number**
202
**Teaching Area**
INDON
**Course Title**
Second-Year Language Study: Indonesian
**Course Description**
Continued emphasis on Indonesian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- INDON 201 - Second-Year Language Study: Indonesian

Prerequisites

**Complete ALL of the following Courses:**

- INDON 102 - First-Year Language Study: Indonesian

Prerequisites

**Complete ALL of the following Courses:**

- FLANG 102R - First-Year Language Study

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196274, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196275, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196276, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196277, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

| Title | Tags |
|---|---|
| Communication Skills | 196281, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196282, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196283, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196284, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

# INDON 305 - Language Skills Development: Indonesian

## Course Information

**Teaching Area (new)**
INDON

**Course Number**
305

**Teaching Area**
INDON

**Course Title**
Language Skills Development: Indonesian

**Course Description**
Increasing proficiency in one or more of the following Indonesian language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196285, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196287, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196288, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native

# INDON 321 - Advanced Grammar: Indonesian

## Course Information

**Teaching Area (new)**
INDON

**Course Number**
321

**Teaching Area**
INDON

**Course Title**
Advanced Grammar: Indonesian

**Course Description**
Systematic review of grammar and syntax of target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
INDON 202 or equivalent

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196289, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196290, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196291, 3 |

speakers associated with the special purpose.

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## INDON 330 - Advanced Language Proficiency Through Cultural Studies: Indonesian

### Course Information

**Teaching Area (new)**
INDON
**Course Number**
330
**Teaching Area**
INDON
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Indonesian
**Course Description**
Study of Indonesian culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Indon 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

**Title**
Communication Skills
**Tags**
196294, 1

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated

## INDON 340 - Introduction to Literature: Indonesian

### Course Information

**Teaching Area (new)**
INDON
**Course Number**
340
**Teaching Area**
INDON
**Course Title**
Introduction to Literature: Indonesian
**Course Description**
Advanced study of literature of target language. Continued emphasis on communication skills and culture
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- INDON 330 - Advanced Language Proficiency Through Cultural Studies: Indonesian

Prerequisites

members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 196295, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196297, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196298, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Prerequisites**

**Complete ALL of the following Courses:**
- INDON 321 - Advanced Grammar: Indonesian

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 196300, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 196301, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 196303, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 196304, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## INDON 350 - Advanced Language Study for Career Purposes: Indonesian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| INDON | 350 |

**Teaching Area**
INDON
**Course Title**
Advanced Language Study for Career Purposes: Indonesian
**Course Description**
Concentration on Indonesian language and culture issues for specific careers.
**Department**
Language Studies

## IP&T 286 - Instructional Technology in Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IP&T | 286 |

**Teaching Area**
IP&T
**Course Title**
Instructional Technology in Teaching
**Course Description**
Using instructional design, visual design, and differentiated staffing principles along with multimedia authoring systems, telecommunication, and other computer-based tools in the development of educational applications for secondary education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- INDON 330 - Advanced Language Proficiency Through Cultural Studies: Indonesian

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196306, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 196307, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 196308, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written

settings.
**Department**
Instructional Psych&Tech
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

| Title | Tags |
|---|---|
| Understand Technologies | 178397, 1 |

**Learning Outcome**
Understand how technologies can enhance teaching, professional work and communication, and personal professional development.

| Title | Tags |
|---|---|
| Design | 178398, 2 |

**Learning Outcome**
Develop the ability to design technology-enhanced activities and resources.

| Title | Tags |
|---|---|
| Identify Resources | 178399, 3 |

**Learning Outcome**
Identify resources to assist in learning how to integrate technologies in the future.

| Title | Tags |
|---|---|
| Use New Technologies | 178400, 4 |

**Learning Outcome**
Be motivated and confident in the ability to learn how to use new technologies in teaching.

analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196309, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196310, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## IP&T 287 - Instructional Technology for Early Childhood Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IP&T | 287 |

**Teaching Area**
IP&T
**Course Title**
Instructional Technology for Early Childhood Education
**Course Description**
Using instructional design, visual design, and differentiated staffing principles, along with multimedia authoring systems, telecommunication, and other computer-based tools in the development of educational applications for early childhood, elementary, and special education settings.
**Department**
Instructional Psych&Tech
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

## IP&T 334 - Integrating Technology in Early Childhood Education.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IP&T | 334 |

**Teaching Area**
IP&T
**Course Title**
Integrating Technology in Early Childhood Education.
**Course Description**
Integrating instructional technology with early childhood education instructional strategies.
**Department**
Instructional Psych&Tech
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

### Lecture Hours

**Fixed**
2

**Title**
3. EFFECTIVE CONTENT-SPECIFIC TECHNOLOGY INTEGRATION

**Tags**
177887, 3

**Learning Outcome**
Student will strengthen their knowledge of ways to use technology in teaching core content areas (fine arts, language arts, math, science, & social studies) that lead to improved effectiveness, engagement, and/or efficiency.

**Title**
2. DISPOSITIONS TOWARD EDUCATIONAL TECHNOLOGY

**Tags**
177889, 2

**Learning Outcome**
Students will develop positive dispositions towards using educational technologies that can help improve student learning.

**Title**
1. TECHNOLOGICAL LITERACY

**Tags**
177891, 1

**Learning Outcome**
Students will increase their familiarity with and ability to use a wide range of educational technologies.

**Title**
5. ETHICAL AND SAFE USE OF TECHNOLOGY

**Tags**
177896, 5

**Learning Outcome**
Students will understand basic issues related to internet safety for children and create lessons that help children have positive, safe experiences with online technologies. Students will follow fairuse guidelines as they incorporate digital media into their teaching.

**Title**
4. TECHNOLOGY INTEGRATION IN EARLY CHILDHOOD SETTINGS

**Tags**
178354, 3

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent with El Ed 333.

**Title**
5. ETHICAL AND SAFE USE OF TECHNOLOGY

**Tags**
178342, 4

**Learning Outcome**
Students will follow fairuse guidelines as they incorporate digital media into their teaching.

**Title**
3. EFFECTIVE CONTENT-SPECIFIC TECHNOLOGY INTEGRATION

**Tags**
178347, 2

**Learning Outcome**
Student will strengthen their knowledge of ways to use technology in teaching math and literacy that lead to improved effectiveness, engagement, and/or efficiency.

**Title**
4. TECHNOLOGY INTEGRATION IN REAL-WORLD SETTINGS

**Tags**
178350, 3

**Learning Outcome**
Students will practice their technology integration skills in real-world early childhood elementary level settings and learn to evaluate the strengths and weaknesses of their performance.

**Title**
1. TECHNOLOGICAL LITERACY

**Tags**
178351, 0

**Learning Outcome**
Students will increase their familiarity with and ability to use a wide range of educational technologies.

**Title**
2. DISPOSITIONS TOWARD EDUCATIONAL TECHNOLOGY

**Tags**
178360, 1

Learning Outcome
Students will strengthen their knowledge of technologies and teaching methods that can be used effectively with with young children in the K-2 elementary grades.

Learning Outcome
Students will develop positive dispositions towards using educational technologies that can help improve student learning.

## IP&T 370 - Technology Use in Early Childhood Classrooms

### Course Information

Teaching Area (new)
IP&T
Course Number
370
Teaching Area
IP&T
Course Title
Technology Use in Early Childhood Classrooms
Course Description
Students will develop knowledge, skills, and dispositions necessary to effectively integrate technology into real-world early childhood classrooms in developmentally appropriate ways.
Department
Instructional Psych&Tech
When Taught
Fall and Winter

### Credit Hours

Min
2
Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Title
Integrate technology
Tags
212650, 0, 1, 2022-12-20 16:59:36

Learning Outcome
Students will integrate technology into early childhood classrooms in developmentally appropriate ways.

Title
Tags

## IP&T 371 - Integrating K-12 Educational Technology 1

### Course Information

Teaching Area (new)
IP&T
Course Number
371
Teaching Area
IP&T
Course Title
Integrating K-12 Educational Technology 1
Course Description
Teaching majors will learn ideas and skills for integrating technology effectively into their teaching in areas of Internet communication, multimedia development, mobile learning, and Web 2.0 tools for teaching.
Department
Instructional Psych&Tech
When Taught
Fall, Winter, Spring

### Credit Hours

Min
1
Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Note
Introductory education technology course for all teaching majors/premajors. This course should be taken first in the series of three technology courses for teaching majors or taken concurrently with 373 and/or 372.

Title
Understand Educational Technologies
Tags
178513, 1

Learning Outcome

Title
Teach computational thinking

Tags
212651, 0, 2, 2022-12-20 16:59:36

Learning Outcome
Students will teach computational thinking concepts in the early childhood classroom, including coding short programs.

Title
Use computer assisted learning tools

Tags
212652, 0, 3, 2022-12-20 16:59:36

Learning Outcome
Students will demonstrate how and when to use computer assisted learning tools as well as how to analyze the data from those tools for further learning.

Understand how educational technologies can enhance teaching, professional work and communication, and personal professional development.

Title
Design Technology-enhanced Activities

Tags
178514, 2

Learning Outcome
Develop the ability to design technology-enhanced activities and resources.

Title
Identify Resources

Tags
178515, 3

Learning Outcome
Identify resources to assist in learning how to integrate technologies in the future.

Title
Technology Self-confidence

Tags
178516, 4

Learning Outcome
Be motivated and confident in the ability to learn how to use new educational technologies in your teaching.

## IP&T 372 - Integrating K-12 Educational Technology 2

### Course Information

Teaching Area (new)
IP&T

Course Number
372

Teaching Area
IP&T

Course Title
Integrating K-12 Educational Technology 2

Course Description
Students will develop the knowledge, skills, and dispositions necessary to effectively integrate technology into real-world classroom and school settings.

Department
Instructional Psych&Tech

When Taught
Fall, Winter, Spring

### Credit Hours

Min
1

Fixed

## IP&T 373 - Teaching in K-12 Online and Blended Learning Contexts

### Course Information

Teaching Area (new)
IP&T

Course Number
373

Teaching Area
IP&T

Course Title
Teaching in K-12 Online and Blended Learning Contexts

Course Description
Students will explore foundational concepts related to online/blended learning and will learn to plan, develop, and facilitate learning in these environments. Students will also learn how personalized learning software is used in K-12 education.

Department
Instructional Psych&Tech

When Taught
Fall, Winter, Spring

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Recommended
IP&T 371

| Title | Tags |
| --- | --- |
| Positive Attitudes | 178497, 1 |

Learning Outcome
Develop positive attitudes toward technology in education and expertise necessary to integrate technology into teaching and learning.

| Title | Tags |
| --- | --- |
| Critical Evaluation | 178498, 2 |

Learning Outcome
Critically evaluate technology in education.

| Title | Tags |
| --- | --- |
| Legal Uses | 178499, 3 |

Learning Outcome
Appropriately and legally use educational resources by understanding and abiding by copyright and open licensing requirements.

| Title | Tags |
| --- | --- |
| Professional Behaviors | 178500, 4 |

Learning Outcome
Exhibit professional behaviors in their use of web resources and the ability to use these tools safely and responsibly with students.

| Title | Tags |
| --- | --- |
| Lifelong Learning | 178501, 5 |

Learning Outcome
Engage in lifelong and

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Recommended
IP&T 371

| Title | Tags |
| --- | --- |
| FOUNDATIONS | 178507, 0, 1 |

Learning Outcome

Students can distinguish blended instruction and technology integration.

Students can describe general models of online and blended teaching.

Students can self-evaluate their blended teaching dispositions.

Students can self-evaluate their online learning self-regulation abilities.

| Title | Tags |
| --- | --- |
| ONLINE INTEGRATION | 178504, 0, 2 |

Learning Outcome

Students can plan how to effectively combine in-person and online teaching.

Students can evaluate the design of blended instruction using the PICRAT framework.

networked learning practices through participation with online communities.

| Title | Tags |
| --- | --- |
| Classroom Planning | 178502, 6 |

**Learning Outcome**
Understand classroom planning and management for effective mobile technology use.

| Title | Tags |
| --- | --- |
| Domain-Specificity | 178503, 7 |

**Learning Outcome**
Find and integrate domain-specific technologies to support teaching and learning in their classrooms.

| Title | Tags |
| --- | --- |
| DATA PRACTICES | 178505, 0, 3 |

**Learning Outcome**

Students can create a mastery tracker with assessments aligned to learning outcomes.

Students can identify important patterns in k-12 performance and activity data.

| Title | Tags |
| --- | --- |
| PERSONALIZING INSTRUCTION | 178506, 0, 4 |

**Learning Outcome**

Students can identify what personalized learning is.

Students can develop strategies for personalizing learning activities.

| Title | Tags |
| --- | --- |
| ONLINE INTERACTION | 178508, 0, 5 |

**Learning Outcome**

Students can identify the benefits and limitations of different modes of interaction within a blended environment.

Students can plan for effective online interaction with k-12 students

## IP&T 387 - Integrating Technology in Special Education 1

## IP&T 420 - Design Psychology

### Course Information

## Course Information

**Teaching Area (new)**
IP&T

**Course Number**
387

**Teaching Area**
IP&T

**Course Title**
Integrating Technology in Special Education 1

**Course Description**
Integrating instructional technology with special education instructional strategies.

**Department**
Instructional Psych&Tech

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent with CPSE 410.

**Title**
Technological Literacy

**Tags**
178401, 1

**Learning Outcome**
Students will increase their familiarity with and ability to use a wide range of educational technologies.

**Title**
Positive Disposition Towards Educational Technology

**Tags**
178402, 2

**Learning Outcome**
Students will develop positive disposition towards using educational technologies that can help improve student learning.

**Title**

**Teaching Area (new)**
IP&T

**Course Number**
420

**Teaching Area**
IP&T

**Course Title**
Design Psychology

**Course Description**
This course will introduce students to fundamental principles of psychological research and how they influence design. In this course, students will learn how people think, basic human psychology, and factors to consider in designing for others. By the end of this course, students should be able to identify relevant factors that affect design as well as how those factors come into play in different design situations.

**Department**
Instructional Psych&Tech

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Effective Content-Specific Technology Integration | Tags 178403, 3 |
|---|---|

**Learning Outcome**
Students will strengthen their knowledge of ways to use technology in teaching core content areas (fine arts, language arts, math, science, & social studies) that lead to improved effectiveness, engagement, and/or efficiency.

| Title | |
|---|---|
| Technology Integration in Real-World Settings | Tags 178404, 4 |

**Learning Outcome**
Students will practice their technology integration skills in real-world special education settings and learn to evaluate the strengths and weaknesses of their performance.

| Title | |
|---|---|
| Ethical and Safe Use of Technology | Tags 178405, 5 |

**Learning Outcome**
Students will understand basic issues related to internet safety for children and create lessons that help children have positive, safe experiences with online technologies. Students will follow fairuse guidelines as they incorporate digital media into their teaching.

## IP&T 444 - Integrating Technology in Elementary Education

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| IP&T | 444 |

**Teaching Area**
IP&T
**Course Title**
Integrating Technology in Elementary Education
**Course Description**
Integrating instructional technology into K-6 instructional strategies.
**Department**
Instructional Psych&Tech
**When Taught**
Fall

## IP&T 461 - Design Evaluation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| IP&T | 461 |

**Teaching Area**
IP&T
**Course Title**
Design Evaluation
**Course Description**
Introduction to the field of evaluation and how it is used in instructional design and in the evaluation of educational products. Methods for conceptualizing and implementing evaluations, and practical guidelines for planning and completing an evaluation project.
**Department**
Instructional Psych&Tech
**When Taught**

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent with El Ed 445 and El Ed 446.

| Title | Tags |
| --- | --- |
| 2. DISPOSITIONS TOWARD EDUCATIONAL TECHNOLOGY | 178349, 1 |

**Learning Outcome**
Students will develop positive dispositions towards using educational technologies that can help improve student learning.

| Title | Tags |
| --- | --- |
| 1. TECHNOLOGICAL LITERACY | 178355, 0 |

**Learning Outcome**
Students will increase their familiarity with and ability to use a wide range of educational technologies.

| Title | Tags |
| --- | --- |
| 5. ETHICAL AND SAFE USE OF TECHNOLOGY | 178357, 4 |

**Learning Outcome**
Students will understand basic issues related to internet safety for children and create lessons that help children have positive, safe experiences with online technologies. Students will follow fairuse guidelines as they incorporate digital media into their teaching.

| Title | Tags |
| --- | --- |
| 4. TECHNOLOGY INTEGRATION | |

Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

IN REAL-WORLD SETTINGS

178358, 3

**Learning Outcome**
Students will practice their technology integration skills in real-world upper elementary level settings and learn to evaluate the strengths and weaknesses of their performance.

**Title**
3. EFFECTIVE CONTENT-SPECIFIC TECHNOLOGY INTEGRATION

**Tags**
178363, 2

**Learning Outcome**
Student will strengthen their knowledge of ways to use technology in teaching core content areas (fine arts, language arts, math, science, & social studies) that lead to improved effectiveness, engagement, and/or efficiency.

## IP&T 464 - Instructional Design and eLearning for Business/Non-Profits

### Course Information

**Teaching Area (new)**
IP&T

**Course Number**
464

**Teaching Area**
IP&T

**Course Title**
Instructional Design and eLearning for Business/Non-Profits

**Course Description**
Overview to the field of instructional design as a discipline, including what careers are available in the discipline. Also, how instructional design is used to create educational products, especially eLearning.

**Department**
Instructional Psych&Tech

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## IP&T 470R - Undergraduate Research Training

### Course Information

**Teaching Area (new)**
IP&T

**Course Number**
470R

**Teaching Area**
IP&T

**Course Title**
Undergraduate Research Training

**Course Description**
Introduction of undergraduate students to the concepts of research and evaluation through practical experience.

**Department**
Instructional Psych&Tech

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Title**
Forms of Inquiry

**Tags**
178229, 1

**Learning Outcome**
To learn some basic issues associated with research, evaluation, and other forms of inquiry

**Title**
Mentored Experience

**Tags**
178230, 2

**Learning Outcome**
To participate in a mentored inquiry experience with a faculty member.

**Title**
Conducting and Presenting Inquiry Studies

**Tags**
178356, 2

**Learning Outcome**
To develop some basic skills in conducting and presenting inquiry studies.

## IP&T 487 - Integrating Technology in Special Education 2

### Course Information

## IP&T 498R - Interdisciplinary Product Design for Education

### Course Information

## Course Information

**Teaching Area (new)**
IP&T

**Course Number**
487

**Teaching Area**
IP&T

**Course Title**
Integrating Technology in Special Education 2

**Course Description**
Integrating instructional technology with special education instructional strategies.

**Department**
Instructional Psych&Tech

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent with CPSE 430.

**Title**
Technological Literacy

**Tags**
178406, 1

**Learning Outcome**
Students will increase their familiarity with and ability to use a wide range of educational technologies.

**Title**
Positive Disposition Towards Educational Technology

**Tags**
178407, 2

**Learning Outcome**
Students will develop positive disposition towards using educational technologies that can help improve student learning.

**Title**
Effective Content-Specific

**Tags**

## Course Information

**Teaching Area (new)**
IP&T

**Course Number**
498R

**Teaching Area**
IP&T

**Course Title**
Interdisciplinary Product Design for Education

**Course Description**
Project-based course in the development of educational products. Students work in teams, using skills from their individual majors, to help design, develop, and deliver a product to a client in the community.

**Department**
Instructional Psych&Tech

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Technology Integration | 178408, 3 |
|---|---|

**Learning Outcome**
Students will strengthen their knowledge of ways to use technology in teaching core content areas (fine arts, language arts, math, science, & social studies) that lead to improved effectiveness, engagement, and/or efficiency.

| Title | Tags |
|---|---|
| Technology Integration in Real-World Settings | 178409, 4 |

**Learning Outcome**
Students will practice their technology integration skills in real-world special education settings and learn to evaluate the strengths and weaknesses of their performance.

| Title | Tags |
|---|---|
| Ethical and Safe Use of Technology | 178410, 5 |

**Learning Outcome**
Students will understand basic issues related to internet safety for children and create lessons that help children have positive, safe experiences with online technologies. Students will follow fairuse guidelines as they incorporate digital media into their teaching.

## IP&T 510 - Scholarly Writing and Argumentation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| IP&T | 510 |

**Teaching Area**
IP&T
**Course Title**
Scholarly Writing and Argumentation
**Course Description**
A prerequisite course designed to help improve students' scholarly writing and argumentation. Students work together to strengthen their skills in these areas by analyzing sources from the scholarly literature, completing writing assignments, offering feedback on other students' work, receiving feedback on their own, and completing a course project.
Department

## IP&T 515R - Special Topics in Instructional Psychology and Technology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| IP&T | 515R |

**Teaching Area**
IP&T
**Course Title**
Special Topics in Instructional Psychology and Technology
**Course Description**
Becoming more familiar with key issues in the field of instructional psychology and technology.
**Department**
Instructional Psych&Tech
**When Taught**
Fall, Winter, Spring

Department
Instructional Psych&Tech
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Scholarly Writing Skills | 178493, 1 |

Learning Outcome
Develop improved scholarly writing skills.

| Title | Tags |
| --- | --- |
| Argumentation Skills | 178494, 2 |

Learning Outcome
Develop improved logical argumentation skills.

| Title | Tags |
| --- | --- |
| Publication Process | 178495, 3 |

Learning Outcome
Understand the scholarly publication process (e.g., submission, peer review, revision).

| Title | Tags |
| --- | --- |
| APA Style | 178496, 4 |

Learning Outcome
Understand and apply the fundamentals of the APA style and formatting guidelines.

### Credit Hours

Min
0.5

Fixed
3

| Title | Tags |
| --- | --- |
| Authoring Tools | 178449, 2 |

Learning Outcome
Students will become proficient in using industry-standard authoring tools to create interactive instruction.

| Title | Tags |
| --- | --- |
| Creative Collaboration | 178450, 1 |

Learning Outcome

Students will collaborate with a client to meet their needs for interactive instruction.

| Title | Tags |
| --- | --- |
| This course is being discontinued so no learning outcomes will be listed. | 178428, 1 |

Learning Outcome
This course is being discontinued so no learning outcomes will be listed.

| Title | Tags |
| --- | --- |
| This course is being discontinued so no learning outcomes will be listed. | 178429, 1 |

Learning Outcome
This course is being discontinued so no learning outcomes will be listed.

| Title | Tags |
| --- | --- |
| This course is being discontinued so no learning outcomes will be listed. | 178430, 1 |

Learning Outcome
This course is being discontinued so no learning outcomes will be listed.

**Title**
This course is being discontinued so no learning outcomes will be listed.

**Tags**
178431, 1

**Learning Outcome**
This course is being discontinued so no learning outcomes will be listed.

**Title**
Scholarly Writing and Argumentation.

**Tags**
178451, 0

**Learning Outcome**
Students will work together to strengthen their skills in academic writing and argumentation areas by analyzing sources from the scholarly literature, completing writing assignments, offering feedback on other students' work, receiving feedback on their own, and completing a course project.

## IP&T 520 - Foundations of Instructional Technology

### Course Information

**Teaching Area (new)**
IP&T

**Course Number**
520

**Teaching Area**
IP&T

**Course Title**
Foundations of Instructional Technology

**Course Description**
Introduction to instructional psychology and technology theory and practice: psychological foundations of human performance technology and learning sciences. Current research issues, professional organization of the field, and ethical issues.

**Department**
Instructional Psych&Tech

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

## IP&T 531 - Introduction to Open Education

### Course Information

**Teaching Area (new)**
IP&T

**Course Number**
531

**Teaching Area**
IP&T

**Course Title**
Introduction to Open Education

**Course Description**
Students will learn foundational concepts related to open education including the origins of intellectual property law and open licensing, and the impact of openness on teaching, learning, and scholarly publishing.

**Department**
Instructional Psych&Tech

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Current Issues | 178231, 1 |

**Learning Outcome**
Understand the current issues, discussions, research, and debates in this field as well as comparable sister professions.

| Title | Tags |
| --- | --- |
| History | 178232, 2 |

**Learning Outcome**
Understand the history of the field of Instructional Technology, including the various trends, people, and issues that shaped it.

| Title | Tags |
| --- | --- |
| Professional Trajectory | 178233, 3 |

**Learning Outcome**
Clarify and define your own professional trajectory into your profession including your personal beliefs; the kind of career you are seeking; and the skills, knowledge, and characteristics you need to develop to be successful.

| Title | Tags |
| --- | --- |
| Writing Skills | 178234, 4 |

**Learning Outcome**
Begin to develop skills in literature analysis and scholarly writing.

| Title | Tags |
| --- | --- |
| Online Presence | 178235, 5 |

**Learning Outcome**
Create an initial professional web presence that you can develop during your career.

| Title | Tags |
| --- | --- |
| Future Roles | 178236, 6 |

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Understand Problems | 178517, 2 |

**Learning Outcome**
Understand the key problems open education attempts to solve and the progress made to date on solving those problems

| Title | Tags |
| --- | --- |
| Understand | 178518, 1 |

**Learning Outcome**
Understand the underlying rationale for open education.

| Title | Tags |
| --- | --- |
| Understanding Licensing | 178519, 3 |

**Learning Outcome**
Understand the different categories of open licensing and the criteria associated with each.

Learning Outcome
Begin defining for yourself what the future of our field is or may be, and what your role may be in that future.

## IP&T 538 - Teaching in Online and Blended Learning Environments

### Course Information

Teaching Area (new)
IP&T
Course Number
538
Teaching Area
IP&T
Course Title
Teaching in Online and Blended Learning Environments
Course Description
Students will explore foundational concepts related to online/blended learning and will learn to plan, develop, facilitate, and evaluate teaching and learning in these environments.
Department
Instructional Psych&Tech
When Taught
Winter Even Years

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
1. ARTICULATE KEY ISSUES FOR ONLINE/BLENDED TEACHING
Tags
178509, 1
Learning Outcome
Describe key issues and trends related to online/blended learning.
Describe key competencies needed for online/blended teaching.
Identify key concepts for effective online/blended

## IP&T 560 - Instructional Product Development

### Course Information

Teaching Area (new)
IP&T
Course Number
560
Teaching Area
IP&T
Course Title
Instructional Product Development
Course Description
Designing, developing, and troubleshooting instructional products using industry-standard tools.
Department
Instructional Psych&Tech
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

Title
Develop e-learning
Tags
178237, 1
Learning Outcome
Students will design and develop an e-learning program using a technology of the student's choice.

Title
Personal Learning Environment
Tags
178238, 2
Learning Outcome
Students will build a personal learning environment

Title
Online Community Integration
Tags
178239, 3

teaching.

| Title | Tags |
| --- | --- |
| 2. EVALUATE ONLINE COURSES | 178510, 2 |

**Learning Outcome**

Evaluate the quality of an online course design.

| Title | Tags |
| --- | --- |
| 3. DESIGN ONLINE/BLENDED COURSES | 178511, 3 |

**Learning Outcome**

Design effective learner-content interactions for an online or blended course.
Design effective learner-community interactions for an online or blended course.
Design effective online assessments for an online or blended course.

| Title | Tags |
| --- | --- |
| 4. FACILITATE ONLINE ACTIVITIES | 178512, 4 |

**Learning Outcome**

Effectively facilitate both synchronous and asynchronous online activities.

**Learning Outcome**
Students will become part of an online community of learners.

## IP&T 564 - Instructional Design

### Course Information

**Teaching Area (new)**
IP&T
**Course Number**
564
**Teaching Area**
IP&T
**Course Title**
Instructional Design
**Course Description**
Identifying instructional problems; specifying objectives, instructional strategies, and media; analyzing learning outcomes; developing instructional materials and assessment instruments; validating instructional systems.
**Department**
Instructional Psych&Tech
**When Taught**
Fall

### Credit Hours

## IP&T 599R - Academic Internship

### Course Information

**Teaching Area (new)**
IP&T
**Course Number**
599R
**Teaching Area**
IP&T
**Course Title**
Academic Internship
**Course Description**
Practicing skills learned and receiving evaluation and feedback from internship sponsors.
**Department**
Instructional Psych&Tech
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**

Min
3

Fixed
3

### Lecture Hours

Fixed
3

| Title | Tags |
| --- | --- |
| Demonstrate design character | 178452, 6 |

Learning Outcome
Explain how designers understand the world and take action differently than those in other traditions; critique your own or others' actions as examples of design thinking; identify the kind of design thinking you want to develop and the type of growth you need to experience while making progress towards such.

| Title | Tags |
| --- | --- |
| Define the scope and parameters of the instructional design industry | 178468, 1 |

Learning Outcome
Identify and explain the features of instructional products, common tools used by instructional designers, and current industry trends. Explain/compare both traditional and emerging learning theories, instructional theories, instructional design models, and design processes.

| Title | Tags |
| --- | --- |
| Assess instructional situations | 178469, 4 |

Learning Outcome
Conduct basic approaches for analyzing audiences, uncovering stakeholder desires, determining instructional strategies and methods, etc.

| Title | Tags |
| --- | --- |
| Create instructional design documentation and prototypes | 178470, 5 |

Learning Outcome

0.5

Fixed
6

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
18

Other Prerequisites
Departmental consent
Note
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Apply skills | 178466, 3 |

Learning Outcome
Apply skills learned through coursework in a real-world setting, where you will receive evaluative feedback from internship sponsors.

| Title | Tags |
| --- | --- |
| Develop expertise | 178467, 4 |

Learning Outcome
Develop greater expertise in a sector of the IP&T industry, through hands-on, practical work.

Create artifacts that communicate your design intentions to others who will either approve them or help bring them into reality.

**Title**
Define an instructional design challenge

**Tags**
178471, 3

**Learning Outcome**
Evaluate design contexts and environments to determine the nature of an instructional design challenge.

## IR 399R - Academic Internship: International

### Course Information

**Teaching Area (new)**
IR

**Course Number**
399R

**Teaching Area**
IR

**Course Title**
Academic Internship: International

**Course Description**
Individualized work or volunteer experience in an international setting.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
12

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into program; international relations major coordinator's consent

**Note**

## IS 110 - Spreadsheet Skills and Business Analysis

### Course Information

**Teaching Area (new)**
IS

**Course Number**
110

**Teaching Area**
IS

**Course Title**
Spreadsheet Skills and Business Analysis

**Course Description**
Basic spreadsheet skills focusing on features in MS Excel such as basic functions, logic and reference functions, statistical functions, what-if analysis, and charting to solve complex business problems. No technical background is necessary.

**Department**
Information Systems

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Note**
This course can be completed with online instruction, attendance is

Must be coordinated through International Study Programs.

| Title | Tags |
| --- | --- |
| Integrating Learning | 200099, 0 |

**Learning Outcome**

Students will be able to connect and integrate their academic experiences and learning with their work experiences.

optional. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Methods | 175717, 0, 1 |

**Learning Outcome**

Build appropriate spreadsheet models of business problems to make rational, data-driven managerial recommendations effectively solving those problems.

| Title | Tags |
| --- | --- |
| Critical Thinking | 175718, 0, 2 |

**Learning Outcome**

Manipulate spreadsheet models of business problems to examine the robustness of proposed solutions to those solutions.

## IS 115 - Introduction to Data Analytics in Python

### Course Information

**Teaching Area (new)**
IS

**Course Number**
115

**Teaching Area**
IS

**Course Title**
Introduction to Data Analytics in Python

**Course Description**
Introduction to the field of data science, with a focus on analytics, using the most popular programming language in the discipline. Topics include introductions to: 1) Python programming, 2) data vizualization, 3) bivarate statistics and multivariate statistics, and 4) data-driven business decision-making.

**Department**
Information Systems

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
No prior programming experience necessary.

## IS 120 - Introduction to Web Development

### Course Information

**Teaching Area (new)**
IS

**Course Number**
120

**Teaching Area**
IS

**Course Title**
Introduction to Web Development

**Course Description**
Hands-on introductory web development. Foundation in the basics of all websites: HTML5 and CSS, with a focus on accessibility and standards-compliant markup for SEO optimization. From building simple HTML5 web pages to building a small but fully responsive website using modern CSS layouts and media queries. Images on the web, including SVG images, image optimization, and introduction to CSS animations. Survey of modern web frameworks and libraries and introduction to the DOM to prepare students for future web development courses.

**Department**
Information Systems

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IS 110 - Spreadsheet Skills and Business Analysis

**Additional Comments:**

## IS 199R - Academic Internship: Information Systems

## IS 201 - Introduction to Information Systems

## Course Information

**Teaching Area (new)**
IS

**Course Number**
199R

**Teaching Area**
IS

**Course Title**
Academic Internship: Information Systems

**Course Description**
Approved on-the-job experience. Applying classroom theory and technology to actual problems; exploring career opportunities; learning role of information systems in business environment.

**Department**
Information Systems

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Selection of information systems emphasis in Marriott School of Management.

**Note**
P/F grade.

## Course Information

**Teaching Area (new)**
IS

**Course Number**
201

**Teaching Area**
IS

**Course Title**
Introduction to Information Systems

**Course Description**
Create technology solutions to solve business problems. Learn database, analytics, automation, and programming skills useful to all business majors.

**Department**
Information Systems

**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
IS 110 or concurrent enrollment.

**Note**
Laptop required. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
IS Concepts

**Tags**
206735, 1

**Learning Outcome**
Explain core IS concepts, such as data security, computing and networks, systems in business, and systems project management.

**Title**
Database

**Tags**
206737, 2

**Learning Outcome**
Design databases and query them to extract specific and nuanced data for business insights.

| Title | Tags |
| --- | --- |
| Programming and Automation | 206739, 0 |

**Learning Outcome**
Synthesize basic programming principles and apply them to automate complex and repetitive business tasks.

| Title | Tags |
| --- | --- |
| Analyze and Visualize Data | 206740, 3 |

**Learning Outcome**
Apply the tools used in modern businesses for analyzing and visualizing patterns in data to support better business decision making.

| Title | Learning Outcome |
| --- | --- |
| Web | Demonstrate the fundamentals of web development by creating your own websites and hosting them online. |

## IS 302 - Introduction to Database Design and SQL for Non-Majors

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IS | 302 |

**Teaching Area**
IS
**Course Title**
Introduction to Database Design and SQL for Non-Majors
**Course Description**
Introduction to databases, specifically focusing on the relational database model, database design and modeling, and the structured query language (SQL). Students will master essential database concepts by developing critical thinking skills by producing conceptual data models and solving relational algebra and SQL query problems. Students will also learn the standard symbols and notation for data modeling and relational database design and will be able to demonstrate this knowledge in conceptual and relational data models.
**Department**
Information Systems
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

## IS 303 - Introduction to Computer Programming

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IS | 303 |

**Teaching Area**
IS
**Course Title**
Introduction to Computer Programming
**Course Description**
Object-oriented program design and development. Principles of algorithm formulation and implementation.
**Department**
Information Systems
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Completion Requirement

**Complete ANY of the following Courses:**
- IS 201 - Introduction to Information Systems
  **OR** IS 303 - Introduction to Computer Programming

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Thinking Skills | 213910, 0, 1, 2023-08-29 09:39:30 |

**Learning Outcome**
Produce conceptual data models and solve relational algebra and SQL query problems using critical thinking skills.

| Title | Tags |
|---|---|
| Written Communication | 213911, 0, 2, 2023-08-29 09:39:31 |

**Learning Outcome**
Create conceptual and relational data models using standard symbols and notation for data modeling and relational database design.

| Title | Tags |
|---|---|
| Group Work | 213912, 0, 3, 2023-08-29 09:39:32 |

**Learning Outcome**
Collaborate effectively to complete data modeling projects.

### Lab Hours

**Fixed**
0

**Note**
Laptop required.

| Title | Tags |
|---|---|
| Written Communication | 208172, 2 |

**Learning Outcome**
Be able to identify the problem and solution and then implement a solution using software engineering practices. Learn the standard syntax for JavaScript/Node.js/Express websites and other programming tools. Demonstrate this knowledge by writing a significant number of programs.

| Title | Tags |
|---|---|
| Programming Logic | 208173, 1 |

**Learning Outcome**
Develop critical thinking skills through solving programming problems in homework, on projects, and on tests.

| Title | Tags |
|---|---|
| Programming Concepts | 208174, 0 |

**Learning Outcome**
Master essential programming concepts through the use of JavaScript/Node.js/Express syntax.

## IS 315 - Introduction to Python Data Analytics (non majors)

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| IS | 315 |

Teaching Area

## IS 355 - Machine Learning Algorithms in Python (non majors)

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| IS | 355 |

Teaching Area

Teaching Area
IS
Course Title
Introduction to Python Data Analytics (non majors)
Course Description
Learn the python programming language in the Jupyter Notebook format. Using that skill,
learn to create the statistics and visualizations required for univariate and bivariate analyses. Also learn core data cleaning and automation techniques relevant to modern data analytics.
Department
Information Systems
When Taught
Fall; Winter.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
IS minors only

| Title | Tags |
|---|---|
| Python Programming | 213913, 0, 1, 2023-08-29 09:39:35 |

Learning Outcome
Program in the Python language with a focus on importing, cleaning, transforming, and exploring datasets

| Title | Tags |
|---|---|
| Statistical Analysis | 213914, 0, 2, 2023-08-29 09:39:37 |

Learning Outcome
Select, run, and interpret univariate and bivariate statistical analyses and visualizations.

| Title | Tags |
|---|---|
| Data Storytelling | 213915, 0, 3, 2023-08-29 09:39:39 |

Learning Outcome
Derive valuable insights from data and communicate a compelling story

Teaching Area
IS
Course Title
Machine Learning Algorithms in Python (non majors)
Course Description
Create all types of machine learning models including regression, classification, clustering, forecasting, and text modeling. Learn automation techniques for machine learning pipelines
Department
Information Systems
When Taught
Fall; Winter.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- IS 115 - Introduction to Data Analytics in Python

Prerequisites

**Complete ALL of the following Courses:**
- IS 505 - Programming for Data Science

Prerequisites

**Complete ALL of the following Courses:**
- IS 315 - Introduction to Python Data Analytics (non majors)

Additional Comments:

| Title | Tags |
|---|---|
| Methods | 213917, 0, 1, 2023-08-29 09:39:43 |

Learning Outcome
Build machine learning models of all types based on appropriate assumptions and methods

compelling story

assumptions and methods

| Title | Tags |
| --- | --- |
| Critical Thinking | 213918, 0, 2, 2023-08-29 09:39:45 |

**Learning Outcome**
Interpret model results and make statistical inferences and predictions

| Title | Tags |
| --- | --- |
| Comparison | 213919, 0, 3, 2023-08-29 09:39:47 |

**Learning Outcome**
Compare and dynamically select the best algorithms and features

## IS 401 - Project management and systems design

### Course Information

**Teaching Area (new)**
IS

**Course Number**
401

**Teaching Area**
IS

**Course Title**
Project management and systems design

**Course Description**
Concepts and skills related to the systems development life cycle, including project management, planning, investigation, requirements definition, and systems design.

**Department**
Information Systems

**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**

## IS 402 - Database Systems

### Course Information

**Teaching Area (new)**
IS

**Course Number**
402

**Teaching Area**
IS

**Course Title**
Database Systems

**Course Description**
Concepts and techniques of database system development, focusing on object-oriented modeling and its implementation methods.

**Department**
Information Systems

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into the Information Systems major; enrollment in an IS Core envelope

Acceptance into the Information Systems major; enrollment in an IS Core envelope.

| Title | Tags |
| --- | --- |
| SDLC | 175751, 0 |

**Learning Outcome**
Utilize systems analysis and design techniques to understand and document project requirements.

| Title | Tags |
| --- | --- |
| Project Management | 175752, 1 |

**Learning Outcome**
Effectively plan and execute a real-world project using industry-relevant project management techniques.

| Title | Tags |
| --- | --- |
| Database Concepts | 175642, 0 |

**Learning Outcome**
Master essential database concepts.

| Title | Tags |
| --- | --- |
| Group Work | 175665, 3 |

**Learning Outcome**
Learn to work well with one or more partners on a major data modeling assignment. On a larger team, complete a major project in the integrative exercise (INTEX).

| Title | Tags |
| --- | --- |
| Develop Critical Thinking Skills | 175741, 1 |

**Learning Outcome**
Develop critical thinking skills through producing conceptual data models and solving relational algebra and SQL query problems.

| Title | Tags |
| --- | --- |
| Written Communication | 175742, 2 |

**Learning Outcome**
Learn the standard symbols and notation for data modeling and relational database design. Demonstrate this knowledge in conceptual and relational data models.

## IS 403 - Principles of Business Programming

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IS | 403 |

**Teaching Area**
IS
**Course Title**
Principles of Business Programming
**Course Description**
Programming business systems. Algorithms, data structures, programming patterns, and interfaces.
**Department**
Information Systems
**When Taught**
Fall

**Credit Hours**

## IS 404 - Data Communications

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IS | 404 |

**Teaching Area**
IS
**Course Title**
Data Communications
**Course Description**
Principles of data communications, local- and wide-area networks, hardware, software, media, standards, management, and business applications.
**Department**
Information Systems
**When Taught**
Winter.

Credit Hours

Min
3

Fixed
3

Lecture Hours

Fixed
3

Lab Hours

Fixed
0

Other Prerequisites
Acceptance into the Information Systems major; enrollment in an IS Core envelope

| Title | Tags |
| --- | --- |
| Critical Thinking Skills | 208177, 2 |

Learning Outcome
Develop critical thinking skills through solving programming problems in homework, on projects, and on tests.

| Title | Tags |
| --- | --- |
| Course content | 208176, 0, 1 |

Learning Outcome
Master fundamental programming concepts through the use of Python/Django environment.

| Title | Tags |
| --- | --- |
| Object-oriented Programming Principles | 175730, 0, 3 |

Learning Outcome
Learn web development model view controller principles, data structures, and libraries. The subject matter of the course is object-oriented development in the Python/Django/PostgreSQL platform.

| Title | Tags |
| --- | --- |
| Written Communication | 175745, 0, 4 |

Learning Outcome
Be able to identify the problem and solution and then implement a solution using

Credit Hours

Min
3

Fixed
3

Lecture Hours

Fixed
3

Lab Hours

Fixed
3

Other Prerequisites
IS 414; Acceptance into the Information Systems major; enrollment in an IS Core envelope

Note
To register for the IS Core, choose "Add an envelope of classes."

| Title | Tags |
| --- | --- |
| Knowledge | 175670, 1 |

Learning Outcome
Explain data communications and cloud computing in general, including specific capabilities to: 1) Understand the protocols and applications of TCP/IP networking, 2) Configure cloud services, and 3) converse competently about data communications issues and challenges

| Title | Tags |
| --- | --- |
| Problem solving | 175694, 2 |

Learning Outcome
Solve specific problems using their understanding gained during the course.

| Title | Tags |
| --- | --- |
| Decision making | 175672, 0, 0 |

Learning Outcome
Explain the business and technical decisions that drive organizations' use of data communications and cloud technologies

software engineering practices. Learn the standard syntax for Python programs and other development tools. Demonstrate this knowledge by writing a significant number of programs and websites.

## IS 411 - Systems Design and Implementation

### Course Information

**Teaching Area (new)**
IS
**Course Number**
411
**Teaching Area**
IS
**Course Title**
Systems Design and Implementation
**Course Description**
Later phases of systems development life cycle. System architecture, user interfaces, system interface, and application design. Testing and integration. Object-oriented development.
**Department**
Information Systems
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IS 401 - Project management and systems design
  **AND** IS 402 - Database Systems
  **AND** IS 403 - Principles of Business Programming

**Additional Comments:**

## IS 413 - Enterprise Application Development

### Course Information

**Teaching Area (new)**
IS
**Course Number**
413
**Teaching Area**
IS
**Course Title**
Enterprise Application Development
**Course Description**
Client- and server-side programming. Internet and Web-based applications. Enterprise systems and architectures.
**Department**
Information Systems
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IS 403 - Principles of Business Programming

**Additional Comments:**

**Other Prerequisites**
IS 414 - Acceptance into the Information Systems major, enrollment in

**Other Prerequisites**
IS 414; be an information systems major; concurrent enrollment in same section as IS 404, 405, and 413.

| Title | Tags |
| --- | --- |
| System Design Concepts | 175667, 0 |

**Learning Outcome**
Master essential system design concepts and patterns.

| Title | Tags |
| --- | --- |
| Group Work for Design of Systems | 175669, 3 |

**Learning Outcome**
Learn to work well as a member and leader of a team in developing designs on multiple projects.

| Title | Tags |
| --- | --- |
| Producing System Designs | 175673, 1 |

**Learning Outcome**
Develop critical thinking skills through producing sound system designs to solve specific business systems processing problems.

| Title | Tags |
| --- | --- |
| Unified Modeling Language Notation | 175700, 2 |

**Learning Outcome**
Learn the standard UML symbols and notation for system design.

IS 414; Acceptance into the Information Systems major; enrollment in an IS Core envelope

| Title | Tags |
| --- | --- |
| Develop Information Systems in Group Setting | 175712, 0, 1 |

**Learning Outcome**
Create web apps using the .NET MVC Framework.

| Title | Tags |
| --- | --- |
| Learn Enterprise System Development Principles | 175697, 0, 4 |

**Learning Outcome**
Write Razor pages using the fundamentals of C#. Use libraries such as Bootstrap, JQuery, Angular etc. in the web apps.

| Title | Tags |
| --- | --- |
| Work as Leaders and Group Members in Development Teams | 175696, 0, 2 |

**Learning Outcome**
Work as a team to build and integrate a web app.

| Title | Tags |
| --- | --- |
| Problem Solving | 175660, 0, 3 |

**Learning Outcome**
Increase confidence in ability to "figure things out" on one's own.

## IS 414 - Information Systems Security and Controls

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IS | 414 |

**Teaching Area**
IS
**Course Title**
Information Systems Security and Controls
**Course Description**
Concepts and techniques for securing information systems and applying controls to business processes.
**Department**
Information Systems
**When Taught**
Winter

## IS 415 - Exploratory Data Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IS | 415 |

**Teaching Area**
IS
**Course Title**
Exploratory Data Analysis
**Course Description**
Use the python programming language in a Jupyter Notebook format to learn the statistics and visualizations required for univariate and bivariate analyses. Learn to tell stories with data and create interactive dashboards.
**Department**
Information Systems
**When Taught**
Fall.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Acceptance into the Information Systems major; enrollment in an IS Core envelope

| Title | Tags |
| --- | --- |
| Identify Information Security Threats and Vulnerabilities | 175678, 0, 1 |

Learning Outcome
To become familiar with attack vectors that are commonly executed in attempting to access and compromise or steal data

| Title | Tags |
| --- | --- |
| Attack Prevention and Detection | 175624, 0, 2 |

Learning Outcome
Know modern methods of attack prevention and detection

| Title | Tags |
| --- | --- |
| Information Security Principles | 175636, 0, 0 |

Learning Outcome
understand confidentiality, authentication, availability, authentication, non-repudiation and apply these concepts in modern organizations

| Title | Tags |
| --- | --- |
| Internal Controls of Business Processes | 211554, 0, 3 |

Learning Outcome
Analyze a set of business processes and evaluate the appropriateness and deficiencies of internal controls

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Majors only.

| Title | Tags |
| --- | --- |
| Statistical Analysis | 212204, 0, 1 |

Learning Outcome
Select, run, and interpret univariate and bivariate statistical analyses and visualizations.

| Title | Tags |
| --- | --- |
| Data Storytelling | 212205, 0, 2 |

Learning Outcome
Derive valuable insights from data and communicate a compelling story

| Title | Tags |
| --- | --- |
| Interactive Dashboard | 212206, 0, 3 |

Learning Outcome
Create and derive value from an interactive deployed dashboard.

## IS 455 - Machine Learning

### Course Information

**Teaching Area (new)**
IS

**Course Number**
455

**Teaching Area**
IS

**Course Title**
Machine Learning

**Course Description**
Learn to create many of the most common types of supervised and unsupervised machine learning models. Learn advanced automation techniques for machine learning pipelines.

**Department**
Information Systems

**When Taught**
Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IS 415 - Exploratory Data Analysis

**Additional Comments:**

**Other Prerequisites**
Acceptance into the Information Systems major

| Title | Tags |
|---|---|
| Methods | 212273, 0, 1 |

**Learning Outcome**
Execute all phases of a machine learning pipeline project

## IS 490R - Mentored Research

### Course Information

**Teaching Area (new)**
IS

**Course Number**
490R

**Teaching Area**
IS

**Course Title**
Mentored Research

**Course Description**
Mentored research opportunity; specific content will be determined in consultation between the student and the mentoring professor. Invitation only, although you may suggest the option to a professor.

**Department**
Information Systems

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Students must request admission to the course by contacting the instructor

**Note**
Students may complete this course a maximum of 2 times.

| Title | Tags |
| --- | --- |
| Critical Thinking | 212274, 0, 2 |

**Learning Outcome**
Interpret model results and make statistical inferences and predictions

| Title | Tags |
| --- | --- |
| Comparison | 212275, 0, 3 |

**Learning Outcome**
Compare and dynamically select the best algorithms and features

## IS 501 - Information Systems for Business

### Course Information

**Teaching Area (new)**
IS
**Course Number**
501
**Teaching Area**
IS
**Course Title**
Information Systems for Business
**Course Description**
Introduction to information systems offering a breadth of introductory level skills, including web development, SQL, data analytics, spreadsheet automation, and programming skills useful to all business students. Solve business problems with technology and complete rigorous projects.
**Department**
Information Systems
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| IS Concepts | 214748, 0, 1 |

## IS 505 - Programming for Data Science

### Course Information

**Teaching Area (new)**
IS
**Course Number**
505
**Teaching Area**
IS
**Course Title**
Programming for Data Science
**Course Description**
Introduction to the field of data science with a focus on analytics. Topics include programming, data visualization, bivariate and multivariate statistics, and data driven business decision making. Complete rigorous projects implementing these skills in business situations.
**Department**
Information Systems
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
No prior programming experience necessary.

| Title | Tags |
| --- | --- |

Learning Outcome

Students will be able to explain core IS concepts, such as data security, computing and networks, systems in business, and systems project management.

| Title | Tags |
| --- | --- |
| Database | 214749, 0, 2 |

Learning Outcome

Students will design databases and query them to extract specific and nuanced data for business insights.

| Title | Tags |
| --- | --- |
| Programming and Automation | 214750, 0, 3 |

Learning Outcome

Students will apply programming principles to automate complex and repetitive business tasks.

| Title | Tags |
| --- | --- |
| Analyze and Visualize Data | 214751, 0, 4 |

Learning Outcome

Students will be able to use modern tools for analyzing and visualizing patterns in data to support better business decision making.

| Title | Tags |
| --- | --- |
| Web | 214752, 0, 5 |

Learning Outcome

Students will be able to create their own websites and host them online.

| Title | Tags |
| --- | --- |
| Python Programming | 214691, 0, 1 |

Learning Outcome

Be able to program in the Python language with a focus on importing, cleaning, transforming, and exploring datasets

| Title | Tags |
| --- | --- |
| Statistical Analysis | 214692, 0, 2 |

Learning Outcome

Be able to select, run, and interpret univariate, bivariate, and multivariate statistical analyses and visualizations.

| Title | Tags |
| --- | --- |
| Data Storytelling | 214693, 0, 3 |

Learning Outcome

Be able to derive valuable insights from data and communicate a compelling story

## IS 515 - Advanced Spreadsheets for Business Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IS | 515 |

Teaching Area

IS

## IS 520 - Business Programming and Spreadsheet Automation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IS | 520 |

Teaching Area

IS

IS

**Course Title**
Advanced Spreadsheets for Business Analysis

**Course Description**
Focus on learning advanced functionality of spreadsheets to support business analysis and decision making. Topics covered include names, dates and times, debugging, arrays and array formulas, counting and summing techniques, pivot tables, data importing and cleaning, text manipulation, advanced decision making, and more.

**Department**
Information Systems

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
IS 201; IS 201 or equivalent.

IS

**Course Title**
Business Programming and Spreadsheet Automation

**Course Description**
Programming in Excel Visual Basic; automating common tasks; retrieving data from web servers; building optimization models and user forms.

**Department**
Information Systems

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
IS 201 or equivalent or instructor's consent

**Title**
Understand Basic Programming Concepts

**Tags**
175623, 1

**Learning Outcome**
Understand basic programming concepts such as variables, arrays, procedures, conditions, and control of flow statements

**Title**
Retrieve Data from Internet and Database Servers

**Tags**
175625, 2

**Learning Outcome**
Retrieve data from internet web servers and corporate database servers.

**Title**
Automate Repetitive Procedures in Excel

**Tags**
175638, 0

**Learning Outcome**
Automate repetitive procedures in Excel.

**Title**
Build Forms for Gathering User Input

**Tags**
175702, 4

**Learning Outcome**
Build forms for gathering user input

**Title**
Apply Programming Technology to Solve Business Problems

**Tags**
175707, 3

**Learning Outcome**
Apply programming technology to solve unstructured business problems.

## IS 531 - Enterprise Infrastructure

### Course Information

**Teaching Area (new)**
IS

**Course Number**
531

**Teaching Area**
IS

**Course Title**
Enterprise Infrastructure

**Course Description**
Principles of IT enterprise infrastructure management, including platform choices, functionality, cost, security, deployment, controls, flexibility, and adaptability.

**Department**
Information Systems

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to MISM program; IS 404 or equivalent

## IS 533 - Advanced Data Communications

### Course Information

**Teaching Area (new)**
IS

**Course Number**
533

**Teaching Area**
IS

**Course Title**
Advanced Data Communications

**Course Description**
Design, management, and strategic use of local area networks (LANs), wide area networks (WANs), intranets, and the Internet to solve business problems.

**Department**
Information Systems

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
IS 404 or equivalent

| Title | Tags |
| --- | --- |
| Essential Concepts | 175632, 0, 0 |

**Learning Outcome**

Students will understand concepts in cloud infrastructure and devops

| Title | Tags |
| --- | --- |
| Linux | 175704, 0, 1 |

**Learning Outcome**

Students will be able to use Linux for operations

| Title | Tags |
| --- | --- |
| Containers | 175705, 0, 2 |

**Learning Outcome**

Students will be able to create and deploy customized containers for running applications

| Title | Tags |
| --- | --- |
| DevOps | 175626, 0, 3 |

**Learning Outcome**

Students will be able to explain principles of DevOps and build applications according to best practices

| Title | Tags |
| --- | --- |
| Infrastructure Security Applications | 175637, 3 |

**Learning Outcome**

Install, configure and secure and manage infrastructure security applications.

| Title | Tags |
| --- | --- |
| Data Communications Competency | 175639, 5 |

**Learning Outcome**

Converse competently with IT professionals who specialize in data communications.
Understand and debate current data communications issues.

| Title | Tags |
| --- | --- |
| Layer 3 Network Devices | 175641, 2 |

**Learning Outcome**

Install, configure secure and manage layer 3 network devices such as routers and firewalls

| Title | Tags |
| --- | --- |
| Layer 2 Network Infrastructure | 175659, 1 |

**Learning Outcome**

Design, install and configure a secure layer 2 network infrastructure

| Title | Tags |
| --- | --- |
| Secure Network Protocols | 175676, 4 |

**Learning Outcome**

Design and configure secure network protocols.

| Title | Tags |
| --- | --- |
| Basic Network Hardware | 175708, 0 |

**Learning Outcome**

Set up and configure basic network hardware such as; cabling, switches, and routers.

## IS 537 - Data Structures and Algorithms

### Course Information

## IS 540 - Spreadsheet and Database Automation Programming

**Teaching Area (new)**
IS
**Course Number**
537
**Teaching Area**
IS
**Course Title**
Data Structures and Algorithms
**Course Description**
Programming concepts for IS majors pursuing careers in software development. Concepts include lists, stacks, queue, maps, and other structures; sorting and other algorithms; and recursion.
**Department**
Information Systems
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IS 403 - Principles of Business Programming

**Additional Comments:**

**Title**
Essential Concepts
**Tags**
212732, 0, 1
**Learning Outcome**
Students will be able to explain essential concepts in data structures and algorithms.

**Title**
Critical Thinking
**Tags**
212733, 0, 2
**Learning Outcome**
Students will develop critical thinking skills through solving programming problems

## Course Information

**Teaching Area (new)**
IS
**Course Number**
540
**Teaching Area**
IS
**Course Title**
Spreadsheet and Database Automation Programming
**Course Description**
Automating spreadsheets in Excel, interacting with password-protected web sites, writing code to conduct simulations, solving common database interface problems in Access, etc.
**Department**
Information Systems
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
IS 202 or C S 142; or equivalent; or instructor's consent

**Title**
Automate Repetitive Procedures in Excel
**Tags**
175631, 0
**Learning Outcome**
Automate repetitive procedures in Excel

**Title**
Understand Basic Programming Concepts
**Tags**
175658, 1
**Learning Outcome**
Understand basic programming concepts such as variables, arrays, procedures, conditions, and control of flow statements.

**Title**
Apply Programming Technology to Solve Business Problems
**Tags**
175689, 3
**Learning Outcome**

programming problems.

Title
Written and Verbal Communication

Tags
212734, 0, 3

Learning Outcome

Students will be able to identify the best data structure and algorithm to be used to solve a given problem and then implement and validate your solution. Be able to show that your solution is optimal with regard to specific measures of quality or suitability.

Apply programming technology to solve unstructured business problems.

Title
Build Forms for Gathering User Input

Tags
175698, 4

Learning Outcome
Build forms for gathering user input

Title
Retrieve data from internet and database servers

Tags
175703, 2

Learning Outcome
Retrieve data from internet web servers and corporate database servers.

## IS 542 - Web Development

### Course Information

Teaching Area (new)
IS

Course Number
542

Teaching Area
IS

Course Title
Web Development

Course Description
Web development techniques, including server-side and client-side processing, database integration, and advanced browser techniques.

Department
Information Systems

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## IS 543 - Mobile Platform Development

### Course Information

Teaching Area (new)
IS

Course Number
543

Teaching Area
IS

Course Title
Mobile Platform Development

Course Description
Principles of mobile platforms. Application development for mobile platforms such as smart phones and tablets. Emphasizing user experience and business analytics for management decisions.

Department
Information Systems

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed

**Other Prerequisites**
IS 403 or equivalent

| Title | Tags |
|---|---|
| Presentation and Writing Skills | 175674, 5 |

**Learning Outcome**

Develop presentation and writing skills

| Title | Tags |
|---|---|
| Web Development | 175653, 0, 0 |

**Learning Outcome**

Students will be able to understand modern web application development.

| Title | Tags |
|---|---|
| Programming Language | 175655, 0, 1 |

**Learning Outcome**

Students will understand in depth and be able to program effectively in the JavaScript and/or TypeScript programming language(s) using best practices of web software engineering.

| Title | Tags |
|---|---|
| Real-World Problems | 175650, 0, 3 |

**Learning Outcome**

Students will be able to analyze and solve real world problems by exploring a web development framework such as Node/React as an implementation example and creating a dynamically generated website.

## IS 550 - MISM Capstone Introduction

### Course Information

0

**Other Prerequisites**
IS 413 or equivalent

| Title | Tags |
|---|---|
| Mobile Platforms | 175746, 0, 0 |

**Learning Outcome**

Students will know the features and upcoming trends of the common mobile platforms so that you can develop a credible and convincing mobile strategy for your organization.

| Title | Tags |
|---|---|
| Human Interface Guidelines | 175747, 0, 1 |

**Learning Outcome**

Students will understand and be able to discuss/explain human interface guidelines for mobile platforms generally, and the iOS platform specifically.

| Title | Tags |
|---|---|
| Development Tools | 175748, 0, 2 |

**Learning Outcome**

Students will be familiar with the tools required for iOS application development.

| Title | Tags |
|---|---|
| Robust Apps | 175749, 0, 3 |

**Learning Outcome**

Students will be able to develop a robust iOS application.

| Title | Tags |
|---|---|
| Web Services | 175750, 0, 4 |

**Learning Outcome**

Students will be able to design and implement a mobile application that uses a web services API.

## IS 551 - User Experience Design and Technical Leadership

Teaching Area (new)
IS
Course Number
550
Teaching Area
IS
Course Title
MISM Capstone Introduction
Course Description
Presentations by faculty and professionals to make students aware of the latest developments in the field. Prepare a capstone project proposal.
Department
Information Systems
When Taught
Fall

### Credit Hours

Min
1
Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Other Prerequisites
Final year in MISM.

| Title | Tags |
| --- | --- |
| Project planning and scheduling | 175720, 2 |

Learning Outcome
Design a schedule for your capstone project that reflects and understanding of the overall scope of the work, the time required in each of the major phases, and the resources needed to complete the work.

| Title | Tags |
| --- | --- |
| Developing a feasible proposal | 175721, 1 |

Learning Outcome
Draft and clear and feasible proposal for your capstone project. Describe the business problem you trying to solve as well as the IS tools you will apply to your solution. Include a high-level design of the system you will working on.

## Course Information

Teaching Area (new)
IS
Course Number
551
Teaching Area
IS
Course Title
User Experience Design and Technical Leadership
Course Description
Leadership in a technical field, and user experience design in the context of web and mobile application development.
Department
Information Systems
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Admission to a Marriott School graduate program.

| Title | Tags |
| --- | --- |
| 3. Design and implement user interfaces. | 175755, 3 |

Learning Outcome
Using a team-based, iterative focus, design and build graphical user interfaces for Web applications. Document and present the process, end-result, and lessons learned.

| Title | Tags |
| --- | --- |
| 5. Develop a personal leadership strategy. | 175756, 5 |

Learning Outcome
Establish and document your personal leadership strategy for a career in a technical field.

| Title | Tags |
| --- | --- |
| 1. Build the case for IT-enabled | |

organizational change. 175757, 1

**Learning Outcome**
Prepare a written report building the strategic case for IT-enabled organizational change.

**Title**
2. Discuss technical change management with professionals. **Tags** 175758, 2

**Learning Outcome**
Analyze actual change situations drawing on the principles of effective technical change management and leadership through discussions with professionals.

**Title**
4. Create a toolkit of user-centered design best practices. **Tags** 175759, 4

**Learning Outcome**
Build a set of best practices for developing user interfaces.

## IS 552 - MISM Capstone Project

### Course Information

**Teaching Area (new)** **Course Number**
IS 552
**Teaching Area**
IS
**Course Title**
MISM Capstone Project
**Course Description**
Development and completion of capstone project integrating information systems knowledge previously gained in the MISM program
**Department**
Information Systems
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## IS 555 - Data Science Workflows for Organizations

### Course Information

**Teaching Area (new)** **Course Number**
IS 555
**Teaching Area**
IS
**Course Title**
Data Science Workflows for Organizations
**Course Description**
End-to-end data science workflows using R, with a focus on strategy, team management, and real-world experience. Students will become thoughtful, detail-oriented, utility-focused data professionals who appreciate the grit required to deliver real-world, meaningful value through data assets.
**Department**
Information Systems
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

### Lab Hours

Fixed
0

Other Prerequisites
Admission to MISM.

| Title | Tags |
| --- | --- |
| Contribute to Team | 175679, 3 |

Learning Outcome
Contribute to your project team through timely communication and assume responsibility for your assigned role.

| Title | Tags |
| --- | --- |
| Learn Consulting Tools & Techniques | 175680, 0 |

Learning Outcome
Learn the tools and techniques used during a consulting engagement, including diagnosis, planning, and problem solving.

| Title | Tags |
| --- | --- |
| Apply Management & IT/IS Knowledge | 175682, 1 |

Learning Outcome
Apply many of the project management, IT/IS, teamwork, and business knowledge that you have learned in the course of your graduate education.

| Title | Tags |
| --- | --- |
| Demonstrate Effective Oral & Written Communication | 175699, 4 |

Learning Outcome
Demonstrate through a final written and oral report to the client that you are able to communicate effectively, both orally and in writing.

| Title | Tags |
| --- | --- |
| Apply Management Consulting Skills | 175701, 2 |

Learning Outcome
Apply management consulting skills to consulting situations.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisite Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- IS 455 - Machine Learning
  **OR** IS 505 - Programming for Data Science

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Collaborate | 175691, 0, 1 |

Learning Outcome
Collaborate in a team setting to effectively create, evaluate, maintain, and update an end-to-end machine learning model pipeline that produces value in the problem space

| Title | Tags |
| --- | --- |
| Methods | 175628, 0, 0 |

Learning Outcome
Assemble, store, manipulate, visualize, and refresh a real-world dataset that informs a meaningful problem space

| Title | Tags |
| --- | --- |
| Ethics | 175685, 0, 2 |

Learning Outcome
Identify (and be conversational about) sources of bias, performance issues, and ethical and regulatory considerations, and explain how these will affect stakeholders and others.

Learning Outcome
Defend model choice in terms of algorithm, validity, performance, and practical relevance to both data-savvy and non-technical stakeholders

Title
Evaluate

## IS 560 - Information Security Management.

### Course Information

**Teaching Area (new)**
IS

**Course Number**
560

**Teaching Area**
IS

**Course Title**
Information Security Management.

**Course Description**
How technology, organizations, and people interact to create secure information systems. Topics include data encryption, physical security, information security policies, and security awareness and training.

**Department**
Information Systems

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
I Sys 404 or equivalent.

**Title**
Learning Methods of Attack Prevention and Detection

**Tags**
175645, 2

**Learning Outcome**
To learn modern methods of attack prevention and detection: antivirus, firewalls, intrusion detection, and system hardening

**Title**
Working Knowledge of Methods of Protecting Data

**Tags**
175652, 0

**Learning Outcome**
To gain a working knowledge of modern methods of protecting

## IS 562 - Information Systems Project Management

### Course Information

**Teaching Area (new)**
IS

**Course Number**
562

**Teaching Area**
IS

**Course Title**
Information Systems Project Management

**Course Description**
Principles and skills of project management in an information systems context, including management of risk, schedule, scope, cost, quality control, communications, human resources, and procurement. Prior programming experience required.

**Department**
Information Systems

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to a Marriott School graduate program.

**Title**
Project Management

**Tags**
213924, 0, 1, 2023-08-29 09:40:39

**Learning Outcome**
Discuss managerial skills to effectively manage a project.

**Title**
Project Management Methodologies

**Tags**
213925, 0, 2, 2023-08-29 09:40:42

**Learning Outcome**
Apply the steps of Agile Scrum development.

data: encryption, hashing, confidentiality, authentication, integrity, non-repudiation, certificates, and IP security.

| Title | Tags |
|---|---|
| Familiarity with Attack Vectors | 175688, 1 |

**Learning Outcome**
To become familiar with attack vectors that are commonly executed in attempting to access and compromise or steal data

| Title | Tags |
|---|---|
| Learn Methods of Threat Modeling | 175706, 3 |

**Learning Outcome**
To learn state-of-the-art methods of threat modeling.

| Title | Tags |
|---|---|
| Industry Prepared | 213926, 0, 3, 2023-08-29 09:40:43 |

**Learning Outcome**
Prepare for and take the CAPM exam.

| Title | Tags |
|---|---|
| Work as Team | 213927, 0, 4, 2023-08-29 09:40:45 |

**Learning Outcome**
Collaborate effectively as a team to complete a project.

| Title | Tags |
|---|---|
| Technical Skills | 213928, 0, 5, 2023-08-29 09:40:46 |

**Learning Outcome**
Refine programming skills.

## IS 565 - Digital Forensics for Organizations

### Course Information

**Teaching Area (new)**
IS
**Course Number**
565
**Teaching Area**
IS
**Course Title**
Digital Forensics for Organizations
**Course Description**
Digital forensics from an organizational perspective, covering the three functions of digital forensics performed by businesses: employee abuse investigations, incident response, and electronic discovery.
**Department**
Information Systems
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## IS 566 - Advanced Database Management

### Course Information

**Teaching Area (new)**
IS
**Course Number**
566
**Teaching Area**
IS
**Course Title**
Advanced Database Management
**Course Description**
Advanced data modeling; use of triggers and stored procedures; extracting, transforming and loading data from transaction systems to analytical systems; introduction to data warehouses; introduction to NoSQL.
**Department**
Information Systems
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

**Lab Hours**

Fixed
0

Other Prerequisites
I Sys 404 or equivalent.

Recommended
I Sys 560

Fee
200

| Title | Tags | Learning Outcome |
|---|---|---|
| Digital Evidence | 175651, 0, 0 | Properly acquire, analyze, and interpret digital evidence. |
| Threat intelligence | 175681, 0, 1 | Leverage intelligence and threat detection techniques. |
| Vulnerabilities | 175629, 0, 2 | Identify, address, and recommend preventative measures for vulnerabilities. |
| Incident response | 175644, 0, 3 | Effectively respond to and recover from incidents. |
| Communicate findings | 212192, 0, 4 | Communicate findings to various stakeholders |

**Lab Hours**

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IS 402 - Database Systems

**Additional Comments:**

## IS 567 - Cybersecurity and Penetration Testing

### Course Information

Teaching Area (new)
IS

Course Number
567

Teaching Area
IS

Course Title
Cybersecurity and Penetration Testing

## IS 571 - Introduction to Academic Research in Information Systems

### Course Information

Teaching Area (new)
IS

Course Number
571

Teaching Area
IS

Course Title
Introduction to Academic Research in Information Systems

**Course Description**
Covers advanced computer systems security, vulnerabilities and exploits, system and network attacks, ethical hacking and penetration testing. Also addresses cyber security, cyber weapons, and advanced persistent threats along with legal and regulatory requirements for security and privacy.
**Department**
Information Systems
**When Taught**
Winter

## Credit Hours

**Min**
3
**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- IS 560 - Information Security Management.

Prerequisites
**Complete ALL of the following Courses:**
- IT&C 366 - Defensive Cybersecurity

Prerequisites
**Complete ALL of the following Courses:**
- C S 465 - Computer Security

**Additional Comments:**

**Fee**
200

| Title | Tags |
|---|---|
| Planning & scoping | 214697, 0, 1 |

**Learning Outcome**
Plan and scope a penetration

**Course Description**
Conducting academic information systems research, including philosophy of science, causality, validity, research proposal development, and research methods.
**Department**
Information Systems
**When Taught**
Fall

## Credit Hours

**Min**
3
**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to MISM program; instructor's consent.

| Title | Tags |
|---|---|
| Effective Team Work | 175640, 0 |

**Learning Outcome**
Learn to work in groups and be part of an effective team.

| Title | Tags |
|---|---|
| Strategic Management Proficiency | 175647, 3 |

**Learning Outcome**
Become proficient in the subject matter of the degree (in this case, Strategic Management of IS).

| Title | Tags |
|---|---|
| Ethics Development | 175654, 2 |

**Learning Outcome**
Develop a sense of ethics.

| Title | Tags |
|---|---|
| Effective Oral and Written Communication | 175656, 1 |

**Learning Outcome**
Be able to communicate

testing engagement.

| Title | Tags |
| --- | --- |
| Legal & compliance requirements | 214698, 0, 2 |

**Learning Outcome**

Apply legal and compliance requirements to cybersecurity audits, implementations, and situations.

| Title | Tags |
| --- | --- |
| Tools & techniques | 214699, 0, 3 |

**Learning Outcome**

Use appropriate tools and techniques to perform and analyze scans and tests.

| Title | Tags |
| --- | --- |
| Results & remediation | 214700, 0, 4 |

**Learning Outcome**

Effectively communicate results and propose remediation techniques.

effectively, both orally and in writing.

## IS 572 - Structural Equation Modeling

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IS | 572 |

**Teaching Area**
IS
**Course Title**
Structural Equation Modeling
**Course Description**
Science and theory; constructs and measurement; surveys and experiments; data screening; human subjects protocols (IRB); factor analysis; model fit; academic writing.
**Department**
Information Systems
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

## IS 581 - Managing a Software Startup

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IS | 581 |

**Teaching Area**
IS
**Course Title**
Managing a Software Startup
**Course Description**
Focuses on managing the people, processes, and infrastructure that promote a scalable, sustainable, and sellable software product. Additional focus on decisions faced by the chief technology officer, tech founder, or other tech lead in helping build a new venture. Gain practical managerial and technical experience utilizing a lean-startup approach to implement a tech strategy and architecture for a software startup. Major topics include managing product innovation, managing the dev methodology, managing tech team, designing architecture, managing security, and supporting sales.\n
**Department**
Information Systems
**When Taught**
Fall

### Credit Hours

**Min**

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- IS 571 - Introduction to Academic Research in Information Systems

**Additional Comments:**

| Other Prerequisites | Recommended |
|---|---|
| Instructor's consent. | Stat 121 |

| Title | Tags |
|---|---|
| Expose Students to Leading Theory in IS | 175635, 3 |

**Learning Outcome**
To expose students to some of the leading rigorous theory in IS.

| Title | Tags |
|---|---|
| Teach Students Process of Science & Theory-based IS Research | 175643, 0 |

**Learning Outcome**
To teach potential IS Ph.D. students about the process of science and theory-based IS research.

| Title | Tags |
|---|---|
| Provide Real-life Academic Research Experience | 175683, 2 |

**Learning Outcome**
To provide students with real-life academic research experience with a real project.

| Title | Tags |
|---|---|
| Help Students Learn Forms of IS Research | 175710, 1 |

**Learning Outcome**
To help potential IS Ph.D.

[illegible]
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Explain Roles | 214701, 0, 1 |

**Learning Outcome**

Students will be able to discuss the responsibilities of CTOs, tech leaders, and tech founders for software startups

| Title | Tags |
|---|---|
| Methods | 214702, 0, 2 |

**Learning Outcome**

Students will be able to organize and manage the development methodology in a startup

| Title | Tags |
|---|---|
| Collaboration | 214703, 0, 3 |

**Learning Outcome**

Students will be able to explain techniques to manage a tech team and culture in a collaborative development environment

| Title | Tags |
|---|---|
| Design | 214704, 0, 4 |

**Learning Outcome**

Students will be able to design a robust, scalable, and reliable architecture for a commercial software product

| Title | Tags |
|---|---|
| Security | 214705, 0, 5 |

students learn about various forms of Information Systems (IS) research.

**Learning Outcome**

Students will be able to assess and manage the security in a software startup

| Title | Tags |
| --- | --- |
| Market | 214706, 0, 6 |

**Learning Outcome**

Students will be able to appropriately engage in Marketing / Sales as a Tech Lead

## IS 582 - Tech Strategy and Leadership

### Course Information

**Teaching Area (new)**
IS

**Course Number**
582

**Teaching Area**
IS

**Course Title**
Tech Strategy and Leadership

**Course Description**
Explores responsibilities and career paths of senior IT leaders. Topics include leadership, strategy, cost of IT, value of IT, etc. Instructional delivery consists of lectures, case discussions, student presentations, and in-class exercises. \n \n

**Department**
Information Systems

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Career paths | 214694, 0, 1 |

**Learning Outcome**

## IS 585R - Healthcare Industry Research

### Course Information

**Teaching Area (new)**
IS

**Course Number**
585R

**Teaching Area**
IS

**Course Title**
Healthcare Industry Research

**Course Description**
An opportunity for students to collaborate with faculty, students, and industry partners around the world on healthcare research. Students will generate knowledge on relevant healthcareindustrytopics based on rigorous academic research partnered with industry leaders while increasing experiential learning and enhancing critical thinking and research skills.

**Department**
Information Systems

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

Students will be able to explain the career paths of senior IT executives

| Title | Tags |
| --- | --- |
| Decision Making | 214695, 0, 2 |

**Learning Outcome**

Students will apply decision making frameworks specific to the different areas of concern for senior IT management

| Title | Tags |
| --- | --- |
| Strategic Approaches | 214696, 0, 3 |

**Learning Outcome**

Students will develop strategic approaches to the use of IT in business for operational excellence and competitive advantage

## IS 588 - Healthcare Industry Dynamics

### Course Information

**Teaching Area (new)**
IS

**Course Number**
588

**Teaching Area**
IS

**Course Title**
Healthcare Industry Dynamics

**Course Description**
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare (e.g., accounting, data analytics, ethics, finance, human resources, information systems, marketing, operations, organizational behavior, strategy, supply chain management, and other specializations).

**Department**
Information Systems

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

## IS 590R - Android Mobile Development

### Course Information

**Teaching Area (new)**
IS

**Course Number**
590R

**Teaching Area**
IS

**Course Title**
Android Mobile Development

**Department**
Information Systems

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**

Fixed
3

**Lab Hours**

Fixed
0

Title
Understand the Healthcare Industry

Tags
214708, 0, 1

Learning Outcome
Demonstrate an understanding of the various components of the healthcare industry

Title
Apply Functional Specialties to Healthcare

Tags
214709, 0, 2

Learning Outcome
Apply functional specialties to challenges specific to the healthcare industry

Title
Work in Teams

Tags
214710, 0, 3

Learning Outcome
Demonstrate an ability to function in a team setting

Title
Articulate Healthcare Industry Complexities

Tags
214711, 0, 4

Learning Outcome
Articulate the most important complexities of the healthcare industry

0

## IS 590R - User-Centered Interface Design

### Course Information

Teaching Area (new)
IS

Course Number
590R

Teaching Area
IS

Course Title
User-Centered Interface Design

Department
Information Systems

When Taught
Contact Department

## IS 590R - Managing a Software Startup

### Course Information

Teaching Area (new)
IS

Course Number
590R

Teaching Area
IS

Course Title
Managing a Software Startup

Department
Information Systems

When Taught
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Knowledge | 175728, 1 |

**Learning Outcome**
Students will deepen their understanding of user-centered interface design.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Discuss the responsibilities of CTOs, tech leaders, and tech founders for software startups | 207967, 1 |

**Learning Outcome**
Discuss the responsibilities of CTOs, tech leaders, and tech founders for software startups

| Title | Tags |
| --- | --- |
| Organize and manage the development methodology in a startup | 207968, 2 |

**Learning Outcome**
Organize and manage the development methodology in a startup

| Title | Tags |
| --- | --- |
| Discuss techniques to manage a tech team and culture in a collaborative development environment | 207969, 3 |

**Learning Outcome**
Discuss techniques to manage a tech team and culture in a collaborative development environment

| Title | Tags |
| --- | --- |
| Design a robust, scalable, and reliable architecture for a commercial software product | 207970, 4 |

**Learning Outcome**
Design a robust, scalable, and

Design a robust, scalable, and reliable architecture for a commercial software product

**Title**
Assess and manage the security in a software startup

**Tags**
207971, 5

**Learning Outcome**
Assess and manage the security in a software startup

**Title**
Appropriately engage in Marketing / Sales from as a Tech Lead

**Tags**
207972, 6

**Learning Outcome**
Appropriately engage in Marketing / Sales from as a Tech Lead

## IS 590R - Seminar in Information Systems

### Course Information

**Teaching Area (new)**
IS

**Course Number**
590R

**Teaching Area**
IS

**Course Title**
Seminar in Information Systems

**Course Description**
Special topics by announcement.

**Department**
Information Systems

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
175727, 1

**Learning Outcome**
Students will deepen their understanding of topics in a seminar in information systems.

## IS 590R - Computer Forensics

### Course Information

**Teaching Area (new)**
IS

**Course Number**
590R

**Teaching Area**
IS

**Course Title**
Computer Forensics

**Department**
Information Systems

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
175725, 1

**Learning Outcome**
Students will deepen their understanding of computer forensics.

## IS 590R - Network Administration

### Course Information

**Teaching Area (new)**
IS

**Course Number**
590R

**Teaching Area**
IS

**Course Title**
Network Administration

**Department**
Information Systems

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
175726, 1

**Learning Outcome**
Students will deepen their understanding of network administration.

## IS 595R - International Experience

### Course Information

**Teaching Area (new)**
IS

**Course Number**
595R

**Teaching Area**
IS

**Course Title**
International Experience

**Course Description**
Study abroad to examine International Business techniques and how technology is used to solve a variety of problems. Each country visited is experiencing the technology-based Fourth Industrial Revolution and is trying to establish itself as the leader. Investigate and compare how each country is striving to become the center for the Fourth Industrial Revolution and determine what factors are driving this change.

**Department**
Information Systems

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
6

## IS 596R - Global Technologies

### Course Information

**Teaching Area (new)**
IS

**Course Number**
596R

**Teaching Area**
IS

**Course Title**
Global Technologies

**Course Description**
Discover how technology can lead to opportunities and disruptions for business in a global market. Explore the different ways technologies impact innovation globally and locally. Examine the technology aspects of interacting with other cultures. Practical exercises in observation, documentation, and research.\n\n

**Department**
Information Systems

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
6

| Title | Tags |
|---|---|
| Experience | 214707, 0, 1 |

**Learning Outcome**

Students will use the perspectives they obtain from visiting, observing, and interacting with global companies to build systems and manage effectively in their careers

## IS 599R - Academic Internship: Information Systems

### Course Information

**Teaching Area (new)**
IS

**Course Number**
599R

**Teaching Area**
IS

**Course Title**
Academic Internship: Information Systems

**Course Description**
Approved on-the-job experience. Applying classroom theory and technology to actual problems; exploring career opportunities; learning role of information systems in business environment.

**Department**
Information Systems

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Admission to Marriott School graduate program; departmental consent.

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Knowledge | 175722, 1 |

**Learning Outcome**
Students will use the skill and knowledge they have learning in their program in an academic internship.

## IT&C 101 - Introduction to Cybersecurity

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
101

## IT&C 199R - Academic Internship: Information Technology & Cybersecurity

### Course Information

**Teaching Area (new)**

**Course Number**

**Teaching Area**
IT&C
**Course Title**
Introduction to Cybersecurity
**Course Description**
Planning and preparing for a successful career in Cybersecurity. Developing foundational skills with computers, networks, web systems, encryption, cybersecurity terminology, databases, and technical problem solving.
**Department**
Electrical&Computer Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Cybersecurity careers and related disciplines | 181611, 0, 1, 2023-08-24 14:57:55 |

**Learning Outcome**
Describe the differences among computing disciplines and their relationship to cybersecurity careers.

| Title | Tags |
| --- | --- |
| Networking Fundamentals | 181613, 0, 3, 2023-08-24 14:57:55 |

**Learning Outcome**
Compare different types of computer networks (e.g., wireless; ethernet), their advantages and disadvantages, and how network layers and packets work.

| Title | Tags |
| --- | --- |
| Computer Hardware | 181614, 0, 4, 2023-08-24 14:57:55 |

**Learning Outcome**
List the components of a computer and how they work

IT&C 199R
**Teaching Area**
IT&C
**Course Title**
Academic Internship: Information Technology & Cybersecurity
**Course Description**
Work experience evaluated by supervisor and posted on student's transcript.
**Department**
Electrical&Computer Engr
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Program coordinator and college internship coordinator approval.
**Note**
Follow the Department Pre-Registration Instructions prior to Internship Application. An APPROVED Internship Application is required before adding.

together including microprocessor, storage, and input/output.

| Title | Tags |
| --- | --- |
| Operating Systems | 181615, 0, 5, 2023-08-24 14:57:55 |

**Learning Outcome**
Compare and contrast operating systems and interact with one via the command line (e.g., Linux)

| Title | Tags |
| --- | --- |
| Databases | 181616, 0, 6, 2023-08-24 14:57:55 |

**Learning Outcome**
Access an existing database using a structured query language.

| Title | Tags |
| --- | --- |
| Web and Cloud Systems | 181617, 0, 7, 2023-08-24 14:57:55 |

**Learning Outcome**
Identify web technologies (e.g., HTML, CSS, Javascript) and cloud services and architectures and describe how they relate to each other.

| Title | Tags |
| --- | --- |
| Usable and Secure Computing | 181618, 0, 8, 2023-08-24 14:57:55 |

**Learning Outcome**
Describe types of user interfaces, their characteristics, and security implications.

| Title | Tags |
| --- | --- |
| Data Representation | 181620, 0, 9, 2023-08-24 14:57:55 |

**Learning Outcome**
Convert between different types of data representation (e.g., binary, ASCII, hexidecimal)

| Title | Tags |
| --- | --- |
| Research and Evaluation | 181619, 0, 10, 2023-08-24 14:57:55 |

**Learning Outcome**
Identify credible sources of cybersecurity information and describe how to search and evaluate information found on the Internet and in the library.

## IT&C 210A - Web Systems and Security

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
210A

**Teaching Area**
IT&C

**Course Title**
Web Systems and Security

**Course Description**
Web technologies including web development and deployment tools, HTML, CSS, Javascript, session management and security, relational database concepts, architecture, testing and debugging; lifelong learning and written and visual technical communication.

**Department**
Electrical&Computer Engr

**When Taught**
Fall Term 1; Winter Term 1.

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IT&C 101 - Introduction to Cybersecurity
  **AND** C S 111 - Introduction to Computer Science

**Additional Comments:**

**Other Prerequisites**
or instructors consent based on programming and web development experience

**Title**
Web Development and Deployment Tools

**Tags**
181610, 0, 1, 2023-08-24 14:58:15

**Learning Outcome**

## IT&C 210B - Web Systems and Security

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
210B

**Teaching Area**
IT&C

**Course Title**
Web Systems and Security

**Course Description**
Web technologies including secure distributed architecture, web frameworks, document databases, systems administration and security, API development and testing, professional coding practices; life-long learning and written and visual communication.

**Department**
Electrical&Computer Engr

**When Taught**
Fall Term 2; Winter Term 2.

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IT&C 210A - Web Systems and Security

**Additional Comments:**

**Note**
Students must receive a C or higher grade in this course to move on to IT&C 344 and IT&C 350.

**Title**
Web Frameworks

**Tags**
181625, 0, 1, 2023-08-24 14:58:37

**Learning Outcome**
Understand the role of web frameworks, both front-end and

Configure development and production environments for web sites and services. Learn DevOps tools and practices for development, testing, and deployment

**Title**
Implement web-based systems

**Tags**
181606, 0, 2, 2023-08-24 14:58:15

**Learning Outcome**
Design, implement, and debug web systems that meet a set of computing requirements.

**Title**
Relational Databases and Security

**Tags**
181608, 0, 3, 2023-08-24 14:58:15

**Learning Outcome**
Create and configure a relational database and securely connect to it via a website. Protect against security risks including SQL injection and ensure proper access controls.

**Title**
Web Session Management and Security

**Tags**
181607, 0, 4, 2023-08-24 14:58:15

**Learning Outcome**
Describe how authentication, authorization, and session management are implemented in web applications. Identify and address related security threats.

**Title**
Life-long learning

**Tags**
181629, 0, 6, 2023-08-24 14:58:15

**Learning Outcome**
Acquire and apply life-long learning skills to find, assess, and appropriately utilize information resources to solve technical problems.

**Title**
Written and Visual Communication

**Tags**
181609, 0, 7, 2023-08-24 14:58:15

**Learning Outcome**
Demonstrate skills in reading and writing technical communication including the use of sample source code, UML diagrams, tables, and charts.

back-end, and utilize one of each on a significant project.

**Title**
Implement Distributed Web-based Systems

**Tags**
181627, 0, 2, 2023-08-24 14:58:37

**Learning Outcome**
Design, implement, test, and debug web systems that involve multiple servers and services. Secure the communication among the components.

**Title**
System Administration and Security

**Tags**
181631, 0, 3, 2023-08-24 14:58:37

**Learning Outcome**
Manage multiple servers in a distributed application. Harden a server. Subscribe to an authentication service. Apply data assurance principles when managing access and protecting communications.

**Title**
Document Database

**Tags**
181626, 0, 4, 2023-08-24 14:58:37

**Learning Outcome**
Use a document store database in a web application. Understand how it differs from a relational database.

**Title**
Professional Coding Practices

**Tags**
181630, 0, 5, 2023-08-24 14:58:37

**Learning Outcome**
Construct an application from an existing codebase. Apply design patterns and professional coding practices. Document code for future programmers to enhance and maintain.

**Title**
Life-long Learning

**Tags**
181628, 0, 6, 2023-08-24 14:58:37

**Learning Outcome**
Acquire and apply life-long learning skills to find, assess, and appropriately utilize information resources to solve technical problems.

Title
Written and Visual Communication

Tags
181029, 0, 7, 2023-08-24 14:58:37

Learning Outcome
Demonstrate skills in reading and writing technical communication including the use of sample source code, UML diagrams, tables, and charts

## IT&C 231 - Ethics, Law, and Leadership

### Course Information

Teaching Area (new)
IT&C

Course Number
231

Teaching Area
IT&C

Course Title
Ethics, Law, and Leadership

Course Description
Personal, professional, organizational, and societal ethics for computing and cybersecurity. Legal issues from US and international perspective. Leadership principles and practices.

Department
Electrical&Computer Engr

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
IT&C 101 or familiarity with computing systems

Title
Identify Ethical & Legal Issues

Tags
213262, 0, 8, 2023-08-24 14:59:34

Learning Outcome
Identify common ethical and legal issues that arise for individuals, managers, and organizations in the Computing

## IT&C 247 - Networks and Security

### Course Information

Teaching Area (new)
IT&C

Course Number
247

Teaching Area
IT&C

Course Title
Networks and Security

Course Description
Conceptual and practical computer networks. Internet, local and wide area networks. Switches and routers. Network security.

Department
Electrical&Computer Engr

When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
2

Simple Requisites

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ANY of the following Courses:**

- C S 111 - Introduction to Computer Science
  **OR** IT&C 101 - Introduction to Cybersecurity

Additional Comments:

and Cybersecurity domains (e.g., privacy, accountability, intellectual property).

Title
Ethical Reasoning

Tags
213263, 0, 9, 2023-08-24 14:59:34

Learning Outcome
Use ethical reasoning, professional and organizational codes of conduct, and legal understanding to analyze and suggest resolutions to ethical dilemmas.

Title
Assess Impact of Decisions

Tags
213264, 0, 10, 2023-08-24 14:59:34

Learning Outcome
Assess the impact of ones' attitudes, choices, and behaviors on teams, organizations, and society.

Title
Describe the Impact of Technology

Tags
213265, 0, 11, 2023-08-24 14:59:34

Learning Outcome
Describe the various ways that information technologies and security impact individuals, organizations, and society.

Title
Recognize Self-Deception

Tags
213266, 0, 12, 2023-08-24 14:59:34

Learning Outcome
Recognize how self-deception and an inward mindset can influence ethical judgement.

Title
Cultural Awareness

Tags
213267, 0, 13, 2023-08-24 14:59:34

Learning Outcome
Compare ethical and legal approaches to technology policy among different cultures and nations in an empathetic and historical manner.

Title

Tags
213268, 0, 14, 2023-08-24

Additional Comments:

Title
Networking Concepts

Tags
207333, 0, 1, 2023-08-26 08:50:31

Learning Outcome
Explain the terminology, concepts, and standards of the OSI and TCP/IP reference models and their implementation across local and wide area networks.

Title
Computer Networks

Tags
207334, 0, 2, 2023-08-26 08:50:31

Learning Outcome
Design and implement networks suitable for the flow of information in line with organizational needs, including switching, routing, DNS, NAT/PAT, DHCP, and Wireless connectivity.

Title
Protocol Security

Tags
207335, 0, 3, 2023-08-26 08:50:31

Learning Outcome
Explore and articulate various security aspects of computer networks and inherent protocol weaknesses.

Title
Network Security

Tags
207336, 0, 4, 2023-08-26 08:50:31

Learning Outcome
Identify and describe common network vulnerabilities and recommend appropriate mitigations in line with security policy and best practices.

Title
Diagnose and Solve Network Problems

Tags
207339, 0, 7, 2023-08-26 08:50:31

Learning Outcome
Troubleshoot and diagnose common network problems and identify solutions.

| | |
|---|---|
| Leadership | 14:59:34 |

**Learning Outcome**
Explain characteristics associated with strong ethical leaders and critique one's own performance in relation to them.

## IT&C 255 - User Experience Design

### Course Information

**Teaching Area (new)**
IT&C
**Course Number**
255
**Teaching Area**
IT&C
**Course Title**
User Experience Design
**Course Description**
User experience design techniques and best practices including requirements analysis, usability studies, prototyping methods, evaluation techniques, and cognitive, social, and emotional theories.
**Department**
Electrical&Computer Engr
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
-

**Additional Comments:**

| | |
|---|---|
| **Title** | |
| Empathetic understanding of | **Tags** |

## IT&C 266 - Adversarial & Cybersecurity Mindset

### Course Information

**Course Number**
266
**Teaching Area**
IT&C
**Course Title**
Adversarial & Cybersecurity Mindset
**Course Description**
Adversarial mindset and tactics; architectural and human vulnerabilities and strategies for protecting against them; cybersecurity terminology; threat actors and risk; ethical responsibility; management and governance considerations.
**Department**
Electrical&Computer Engr
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Recommended**
IT&C 101 or familiarity with computing systems.

| | |
|---|---|
| **Title** | |
| Identify risks, threats, vulnerabilities, and attacks | **Tags** 213297, 0, 1, 2023-08-26 08:50:02 |

**Learning Outcome**
Identify architectural and human cybersecurity risks, threat actors, vulnerabilities and types of attacks.

Empathetic understanding of users

Tags
181079, 15

Learning Outcome
Explain the significance and benefits of an empathetic understanding of users in systems design

Title
Users and environments

Tags
181256, 16

Learning Outcome
Analyze users and their environments for the purpose of designing to meet their needs

Title
Teamwork

Tags
181586, 21

Learning Outcome
Work effectively with a team on a significant project

Title
Design and implement UIs

Tags
181621, 19

Learning Outcome
Design and build user interfaces in an iterative prototyping process

Title
HCI best practices in diverse fields

Tags
181622, 18

Learning Outcome
Describe and analyze user interfaces for best-practice user interface approaches, including diverse form factors and accessibility issues

Title
Analyze the user experience

Tags
181623, 17

Learning Outcome
Describe and analyze cognitive, social and cultural aspects of the user experience. Incorporate these into new user interface designs

Title
Professional Communication

Tags
181624, 20

Learning Outcome
Create and present a professional

Tags

Title
Adversarial mindset

213298, 0, 2, 2023-08-26 08:50:02

Learning Outcome
Design and execute an attack on a specific target with proper ethical and legal considerations.

Tags

Title
Defensive mindset

213299, 0, 3, 2023-08-26 08:50:02

Learning Outcome
Recognize common deception techniques and indicators that you are being attacked.

Tags

Title
Protect against attacks

213300, 0, 4, 2023-08-26 08:50:02

Learning Outcome
Select appropriate strategies and mitigation techniques to protect against and respond to common types of attacks.

Title
Cybersecurity Terminology

Tags
213301, 0, 5, 2023-08-26 08:50:02

Learning Outcome
Analyze a system and potential attack scenarios using appropriate cybersecurity terminology and models.

Tags

Title
Cybersecurity Management

213302, 0, 6, 2023-08-26 08:50:02

Learning Outcome
Explain managerial roles and responsibilities within organizations and governments related to governance, risk, and compliance.

presentation including
appropriate visuals and videos

## IT&C 291R - Seminar

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
291R

**Teaching Area**
IT&C

**Course Title**
Seminar

**Course Description**
Visiting professionals discuss topics in IT, Cybersecurity, and Engineering/Technology more broadly. Required three times during sophomore/ junior years.

**Department**
Electrical&Computer Engr

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Professional Awareness & Self-Reflection

**Tags**
210327, 0, 1

**Learning Outcome**
Understand professional issues and job opportunities in the fields of IT and Cybersecurity and reflect on how they apply to oneself.

**Title**
Lifelong Learning

**Tags**
210328, 0, 2

**Learning Outcome**
Seek and acquire knowledge to achieve academic, career, and

## IT&C 293 - Professional Seminar

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
293

**Teaching Area**
IT&C

**Course Title**
Professional Seminar

**Course Description**
Developing best employment opportunities and strategies. Interviewing, negotiations, resume, and professional etiquette.

**Department**
Electrical&Computer Engr

**When Taught**
Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Graduation Requirements

**Tags**
181016, 4

**Learning Outcome**
Understand what is required for graduation

**Title**
Interview Skills

**Tags**
181022, 1

**Learning Outcome**
Ability to interview well

**Title**
Resume

**Tags**
181137, 0

**Learning Outcome**

personal success as a lifelong learner.

Learning Outcome
Write a great resume

| Title | Tags |
| --- | --- |
| Business Etiquette | 181245, 3 |

Learning Outcome
Understand Business Etiquette and the written and unwritten rules in the workplace

| Title | Tags |
| --- | --- |
| Accepting a Job | 181262, 2 |

Learning Outcome
Understand the offer and negotiate a contract

## IT&C 327 - Digital Communications

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IT&C | 327 |

**Teaching Area**
IT&C
**Course Title**
Digital Communications
**Course Description**
Ohm's law, power, inductance, capacitance, reactance, impedance, resonance, transformers. Properties of waves and electromagnetic radiation, including light. Communication systems, wired and wireless. Bandwidth, modulation; Shannon's theorem, telecommunications. Network physical and data link layers (ISO/OSI model). Optics/Coax/Twisted pair; RS-232/Ethernet; Signals/Protocols/Packets; digital communication theory fundamentals.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

## IT&C 344 - Operating Systems

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IT&C | 344 |

**Teaching Area**
IT&C
**Course Title**
Operating Systems
**Course Description**
Applying and using computer operating systems. Configuration, file systems, security, administration, network interfacing, multitasking, multiuser, device driver installation. Analyzing operating system performance.
**Department**
Electrical&Computer Engr
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 112 - Calculus 1
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

**Additional Comments:**

**Title**
Communications of Digital Information

**Tags**
209616, 0, 4

**Learning Outcome**
Describe multiple types of digital information and how that information is communicated over wire, wireless, and optical fiber.

**Title**
Spectrums

**Tags**
181106, 0, 1, 2023-08-26 08:48:39

**Learning Outcome**
Describe the significance of the EM spectrum and spectral analysis in digital communications.

**Title**
Communications Links

**Tags**
181030, 0, 2, 2023-08-26 08:48:39

**Learning Outcome**
Describe the data rate limitations of communications links, referencing especially Shannon's Law.

**Title**
Signal Modulation

**Tags**
181250, 0, 3, 2023-08-26 08:48:39

**Learning Outcome**
List the intrinsic advantages and disadvantages of the three types of signal modulation (amplitude, frequency, phase).

**Title**
Physical Communication Media

**Tags**
213295, 0, 8, 2023-08-26 08:48:39

**Learning Outcome**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IT&C 210B - Web Systems and Security
  **AND** IT&C 266 - Adversarial & Cybersecurity Mindset
  **AND** EC EN 225 - Computer Systems Laboratory

**Additional Comments:**

**Other Prerequisites**
Must have received a grade of C or higher in IT&C 210B.

**Title**
OS Architecture

**Tags**
181260, 0, 0, 2023-08-26 08:48:09

**Learning Outcome**
Describe the purposes, types, components, functions and inter-relationships of operating systems (desktop, mobile, and enterprise). Describe how hardware enables and integrates with this functionality.

**Title**
OS Subsystems

**Tags**
181150, 0, 1, 2023-08-26 08:48:09

**Learning Outcome**
Describe how OS sub-systems work (scheduling, memory management, etc).

**Title**
OS Practice

**Tags**
181165, 0, 2, 2023-08-26 08:48:09

**Learning Outcome**
Demonstrate an ability to work with Operating Systems by installing, compiling, configuring, and optimizing real and virtual systems. Describe Scalability issues.

**Title**
Information Assurance and Security

**Tags**
181092, 0, 3, 2023-08-26 08:48:09

**Learning Outcome**
Describe common IAS concepts related to system administration. Describe system administration aspects of IAS, including authentication, directory services and access control models.

Give the physical properties of physical communication media (wire, wireless, optical fiber) and describe how they affect data rate capacity.

| Title | Tags |
| --- | --- |
| Digital Information | 213296, 0, 9, 2023-08-26 08:48:39 |

**Learning Outcome**
List the advantages of transmitting information digitally (as compared to older analog methods).

| Title | Tags |
| --- | --- |
| Characterization of Communications Links | 181042, 0, 5, 2023-08-26 08:48:39 |

**Learning Outcome**
Describe how communications links are characterized.

| Title | Tags |
| --- | --- |
| Modern Communication Systems | 181270, 0, 6, 2023-08-26 08:48:39 |

**Learning Outcome**
Give four characteristics of each of the following communication systems: television, facsimiles, telephone, modems, LANs, WANs, satellite, cell phone and optical systems.

| Title | Tags |
| --- | --- |
| Data Rate Limitations | 181268, 0, 7, 2023-08-26 08:48:39 |

**Learning Outcome**
Describe the limitations that resistance, capacitance and inductance impose on data rates over wire.

| Title | Tags |
| --- | --- |
| OS Distribution and Virtualization | 181135, 0, 4, 2023-08-26 08:48:09 |

**Learning Outcome**
Describe distributed/virtualization computing concepts. Implement some distributed services in an enterprise environment.

| Title | Tags |
| --- | --- |
| Development | 181214, 0, 5, 2023-08-26 08:48:09 |

**Learning Outcome**
Independently create systems that are in developing fields or applications of OS and system administration.

## IT&C 350 - Database Principles and Applications

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IT&C | 350 |

**Teaching Area**
IT&C
**Course Title**
Database Principles and Applications
**Course Description**
Database theory and architecture, data modeling, designing

## IT&C 366 - Defensive Cybersecurity

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| IT&C | 366 |

**Teaching Area**
IT&C
**Course Title**
Defensive Cybersecurity
**Course Description**
Defensive security with the knowledge and tools to safeguard critical information. Security best practices, risk management, incident

Database theory and architecture; data modeling; designing application databases. Query languages, data security, relational and non-relational databases.

**Department**
Electrical&Computer Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- IT&C 210B - Web Systems and Security
  **AND** STAT 201 - Statistics for Engineers and Scientists
  **AND** C S 236 - Discrete Structures

**Complete ALL of the following Courses:**
- IT&C 210B - Web Systems and Security
  **AND** STAT 121 - Principles of Statistics
  **AND** C S 236 - Discrete Structures

**Complete ALL of the following Courses:**
- IT&C 210B - Web Systems and Security
  **AND** STAT 201 - Statistics for Engineers and Scientists
  **AND** MATH 213 - Elementary Linear Algebra

**Additional Comments:**

| Title | Tags |
|---|---|
| Concepts and Terminology of Information Management | 181140, 0, 1, 2023-08-26 08:46:14 |

**Learning Outcome**
Define and apply the concepts and terminology of Information Management.

response, and critical defensive technology.

**Department**
Electrical&Computer Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IT&C 344 - Operating Systems
  **AND** IT&C 247 - Networks and Security
  **AND** WRTG 316 - Technical Communication

**Additional Comments:**

| Title | Tags |
|---|---|
| Incident Response | 181024, 1 |

**Learning Outcome**
Explain the incident response process to effectively identify, mitigate, and recover from security incidents.

| Title | Tags |
|---|---|
| Governance Policies | 181138, 4 |

**Learning Outcome**
Analyze how security policies are implemented on systems to protect a network with an awareness of laws, regulatory standards, and best practices.

| Title | Tags |
|---|---|
| Security Plan | 181141, 3 |

| Title | Tags |
| --- | --- |
| Conceptual and Data Modeling | 181261, 0, 2, 2023-08-26 08:46:14 |

**Learning Outcome**
Apply conceptual modeling concepts using standard techniques such as Entity Relationship and Schema diagrams and tools.

| Title | Tags |
| --- | --- |
| Compare types of databases | 181110, 0, 4, 2023-08-26 08:46:14 |

**Learning Outcome**
Compare and contrast different types of specialized databases and their use cases (e.g., relational, time-series, document, graph).

| Title | Tags |
| --- | --- |
| Security and Administration | 181173, 0, 4, 2023-08-26 08:46:14 |

**Learning Outcome**
Install, manage, and secure a database management system and application (e.g., use minimal privileges; protect against injection; secure database connections).

| Title | Tags |
| --- | --- |
| Project Management | 213294, 0, 10 |

**Learning Outcome**
Apply project management tools and techniques.

| Title | Tags |
| --- | --- |
| Database Systems Integration and Testing | 181038, 0, 9, 2023-08-26 08:46:44 |

**Learning Outcome**
Integrate, deploy, and demonstrate operational applications on database system infrastructure. Includes use of DDL, DML, programming interfaces and UI implementation.

| Title | Tags |
| --- | --- |
| Security Plan | 181141, 5 |

**Learning Outcome**
Use risk assessment methods to create a security plan that addresses both technical and non-technical countermeasures for a management audience.

| Title | Tags |
| --- | --- |
| Risk Management | 181184, 2 |

**Learning Outcome**
Describe how risk relates to a system security policy and evaluate and categorize risk with respect to technology, people, and processes.

| Title | Tags |
| --- | --- |
| Secure Network Environments | 181212, 0 |

**Learning Outcome**
Configure and maintain secure network environments, including encryption, firewalls, intrusion detection systems, and virtual private networks (VPNs).

| Title | Tags |
| --- | --- |
| Organizational Implications | 181632, 5 |

**Learning Outcome**
Explain the benefits, limitations, and usability impact that network environments have an organization.

| Title | Learning Outcome |
| --- | --- |
| Network Cyber Defense | Describe cyber defense tools, methods, and components, and apply cyber defense methods to prepare a network system to repel attacks. |

## IT&C 399R - Academic Internship: Information Technology & Cybersecurity

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
399R

**Teaching Area**
IT&C

**Course Title**
Academic Internship: Information Technology & Cybersecurity

**Course Description**
Experience in industrial environment. Approved job function supervised by employer and Information Technology & Cybersecurity advisor. Formal technical report required.

**Department**
Electrical&Computer Engr

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Approval from the program coordinator and college internship coordinator required

**Note**
Follow the Department Pre-Registration Instructions prior to Internship Application. An APPROVED Internship Application is required before adding.

## IT&C 492R - Special Problems in Information Technology & Cybersecurity

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
492R

**Teaching Area**
IT&C

**Course Title**
Special Problems in Information Technology & Cybersecurity

**Course Description**
Individual study and project work related to a current topic in information technology and/or cybersecurity.

**Department**
Electrical&Computer Engr

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
1

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

## IT&C 495R - Global Engineering Outreach Projects

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
495R

**Teaching Area**
IT&C

**Course Title**
Global Engineering Outreach Projects

**Course Description**
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

**Department**
Electrical&Computer Engr

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

## IT&C 515R - Special Topics in Information Technology & Cybersecurity

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
515R

**Teaching Area**
IT&C

**Course Title**
Special Topics in Information Technology & Cybersecurity

**Course Description**
New topics in information technology for graduate and undergraduate students. Standard lecture and lab format.

**Department**
Electrical&Computer Engr

**When Taught**
Fall, Winter, Spring

**Credit Hours**

**Min**
1

**Fixed**
3

**Lab Hours**

**Fixed**
0

## IT&C 529 - Advanced Networking

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
529

**Teaching Area**
IT&C

**Course Title**
Advanced Networking

**Course Description**
Analyzing, selecting, configuring, monitoring, and managing of computer network equipment. SNMP-based monitoring and control in process of fault isolation and root cause analysis.

**Department**
Electrical&Computer Engr

**When Taught**
Winter

**Credit Hours**

**Min**
3

**Fixed**
3

## IT&C 530 - Scientific Computing

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
530

**Teaching Area**
IT&C

**Course Title**
Scientific Computing

**Course Description**
Applying principles and practices of scientific computing technologies. Workflow optimization, shell\ncommands, job scheduling, parallel and distributed programming.

**Department**
Electrical&Computer Engr

**When Taught**
Fall

**Credit Hours**

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

Other Prerequisites
IT 344, 347; or equivalents

| Title | Tags |
| --- | --- |
| History | 181018, 1 |

Learning Outcome
Understands history and evolution of 802.1D, Spanning tree, VLANs and their relationships.

| Title | Tags |
| --- | --- |
| Enterprise Switches | 181025, 11 |

Learning Outcome
Describe the architecture of a modern enterprise switch-router.

| Title | Tags |
| --- | --- |
| Read and Present | 181041, 21 |

Learning Outcome
Is prepared to read technical literature and present the information and its context to an audience of peers.

| Title | Tags |
| --- | --- |
| Monitoring | 181074, 9 |

Learning Outcome
Perform basic monitoring using some NMS.

| Title | Tags |
| --- | --- |
| Distance Vector | 181093, 12 |

Learning Outcome
Explain the details of Distance Vector routing and its advantages and disadvantages relative to Link State routing.

| Title | Tags |
| --- | --- |

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
2

Recommended
Must know how to program in at least one language, including knowing\nhow to write conditionals, loops, and functions. Preferred C++

| Title | Tags |
| --- | --- |
| Parallel Computing | 213290, 0, 1, 2023-08-26 08:36:36 |

Learning Outcome
Understand and implement parallel computing practices including threading, multi-processing, mutual exclusion, and avoiding race conditions.

| Title | Tags |
| --- | --- |
| Distributed Computing | 213291, 0, 2, 2023-08-26 08:36:36 |

Learning Outcome
Utilize networked computers to solve problems using techniques such as workflow decomposition, job scheduling, and message passing.

| Title | Tags |
| --- | --- |
| Technical Concepts and Practices | 213292, 0, 3, 2023-08-26 08:36:36 |

Learning Outcome
Define and apply supporting concepts and tools such as Bash, version control, build systems, basic computer architecture and storage management at scale.

| Title | Tags |
| --- | --- |
| Effective Communication | 213293, 0, 4, 2023-08-26 08:36:36 |

Learning Outcome
Illustrate through written reports and verbal presentation the impact of computing on scientific research.

| Experience | 181102, 2 |
|---|---|

**Learning Outcome**
Has received experience with real implementation of the concepts.

| Title | Tags |
|---|---|
| Presentations | 181144, 16 |

**Learning Outcome**
Has gained experience and confidence in presenting technical information.

| Title | Tags |
|---|---|
| Problem Solving | 181148, 4 |

**Learning Outcome**
Has built confidence through problem solving.

| Title | Tags |
|---|---|
| Describe Issues | 181152, 5 |

**Learning Outcome**
Describe configuration and management issues relative to SNMP MIB.

| Title | Tags |
|---|---|
| Network Management Systems | 181155, 8 |

**Learning Outcome**
Describe function and purpose of network management systems such as Zenoss, HP OpenView, Tivoli, OpenNMS.

| Title | Tags |
|---|---|
| Continuous Learning | 181191, 22 |

**Learning Outcome**
Explain the need for continuous learning in the networking field.

| Title | Tags |
|---|---|
| IPv6 Adopted Slowly | 181195, 19 |

**Learning Outcome**
Explain reasons why IPv6 has not been adopted as rapidly as originally predicted.

| Title | Tags |
|---|---|
| IPv6 | 181199, 18 |

Learning Outcome
Describe IPv6 and its evolution from IPv4.

| Title | Tags |
| --- | --- |
| Bodies and Technology | 181224, 3 |

Learning Outcome
Has built an intuition of the relationship between standards bodies and technology.

| Title | Tags |
| --- | --- |
| Describe | 181225, 15 |

Learning Outcome
Describe the function of and uses of MPLS.

| Title | Tags |
| --- | --- |
| Read and Evaluate | 181230, 20 |

Learning Outcome
Is prepared to read technical literature and evaluate quality of the information.

| Title | Tags |
| --- | --- |
| Link State | 181241, 13 |

Learning Outcome
Explain the details of Link state routing and its advantages and disadvantages relative to Distance Vector Routing.

| Title | Tags |
| --- | --- |
| VLAN Routers | 181269, 10 |

Learning Outcome
Explain the interaction of a router and a switch implemented in the same device where the router forwards between VLANs only.

| Title | Tags |
| --- | --- |
| Monitoring | 181284, 6 |

Learning Outcome
Perform basic monitoring with SNMP.

## IT&C 544 - System Administration

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
544

**Teaching Area**
IT&C

**Course Title**
System Administration

**Course Description**
Systems and network administration. User management. Server and workstation deployment and maintenance. Network Security. Infrastructure. Systems and infrastructure support. Cross-platform systems integration. Update and patch management. Mobile workforce services.

**Department**
Electrical&Computer Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IT&C 366 - Defensive Cybersecurity

**Additional Comments:**

**Title**
Tasks

**Tags**
209968, 0, 1

**Learning Outcome**
Describe the types of computing tasks managed by Systems Administrators.

**Title**

**Tags**

## IT&C 548 - Cyber-Physical Systems

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
548

**Teaching Area**
IT&C

**Course Title**
Cyber-Physical Systems

**Course Description**
Integration of technologies to design, develop, and secure computing systems that interact with the real world, including sensors, actuators, communication protocols, user experience, and microcontrollers. Security analysis of Industrial Control Systems (ICS) and Internet of Things (IoT) systems.

**Department**
Electrical&Computer Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Instructor's consent.

**Title**
Industrial Control System Security

**Tags**
210497, 0, 1

**Learning Outcome**
Understand and explain the role of industrial control systems (e.g., SCADA systems) in industry and identify unique cybersecurity risks associated with them.

**Title**
Cyber-Physical System Architectures

**Tags**
181236, 0, 1, 2023-08-26 08:35:55

**Learning Outcome**
Understand and explain cyber-physical system component

Skills 209969, 0, 2

Learning Outcome
Demonstrate the ability to complete technical tasks in a small team environment by working with a team of peers to accomplish goals which are too large for a single team member to accomplish in a reasonable time.

Title
Multi-server Windows System
Tags
209971, 0, 4

Learning Outcome
Demonstrate the responsibilities required to administer a multi-server Microsoft Windows system by deploying an integrated system of servers.

Title
Multi-server Linux System
Tags
209972, 0, 5

Learning Outcome
Demonstrate the responsibilities required to administer a multi-server Linux system by deploying an integrated system of servers.

Title
Networking
Tags
209973, 0, 6

Learning Outcome
Demonstrate inter-server integration of network services such as DNS, SMTP, HTTP.

Title
Technologies
Tags
209974, 0, 7

Learning Outcome
Explain the history and future of computer systems technologies such as operating systems, networking, virtualization, scripting.

Title
Systems
Tags
209970, 0, 3

Learning Outcome
Explain the differences between workstations and servers, as well as the administrative differences between small, medium and large systems of computers.

architectures including sensors, actuators, Internet of Things communication protocols, security, user experience, microservices, and cloud.

Title
Industrial Control System Security
Tags
181259, 0, 4, 2023-08-26 08:35:55

Learning Outcome
Explain how the fields of Information Technology (IT) and Mechatronics interact.

Title
Understand Interdisciplinary Nature of Cyber-Physical Systems
Tags
213289, 0, 9, 2023-08-26 08:35:55

Learning Outcome
Explain how the fields of Information Technology, Electrical & Computer Engineering, Mechanical Engineering, and Cybersecurity relate to cyber-physical systems.

Title
Design and Build Cyber-Physical Systems
Tags
181285, 0, 6, 2023-08-26 08:35:55

Learning Outcome
Design and build cyber-physical systems with heterogenous component technologies including sensors, actuators, interface electronics, web technologies, communication prototocols, cloud, and embedded computing components (e.g., microcontrollers).

Title
Cyber-Physical System Security
Tags
181263, 0, 8, 2023-08-26 08:35:55

Learning Outcome
Evaluate the security of cyber-physical systems according to industry recognized security frameworks and present findings and recommendations.

| Title | Tags |
| --- | --- |
| Tools | 209975, 0, 8 |

**Learning Outcome**
Demonstrate the ability to find software tools to solve administrative issues.

| Title | Tags |
| --- | --- |
| Communications | 209976, 0, 9 |

**Learning Outcome**
Demonstrate professional communication skills by explaining new tools to a technical audience.

## IT&C 555 - Advanced Human-Computer Interaction

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
555

**Teaching Area**
IT&C

**Course Title**
Advanced Human-Computer Interaction

**Course Description**
Advanced techniques for designing, prototyping, building, and evaluating technology-mediated user experiences. Human-computer interaction research methods including experimental design. Ethics of working with human subjects. HCI theories and best practices.

**Department**
Electrical&Computer Engr

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

## IT&C 566 - Digital Forensics

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
566

**Teaching Area**
IT&C

**Course Title**
Digital Forensics

**Course Description**
Fundamentals of digital forensics, incident response, evidence, chain of custody, threat intelligence, preventive measures for vulnerabilities, response and recovery, and network forensics.

**Department**
Electrical&Computer Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- IT&C 255 - User Experience Design

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags |
|---|---|
| HCI Research Methods | 181558, 2 |

**Learning Outcome**
Apply quantitative and qualitative HCI research methods (e.g. experimental design, ethnographic observation, survey design)

| Title | Tags |
|---|---|
| HCI | 181559, 3 |

**Learning Outcome**
Understand the role of theory in HCI

| Title | Tags |
|---|---|
| Human Interfacing Techniques | 181560, 4 |

**Learning Outcome**
Create, extend, and/or evaluate advanced human interfacing techniques (e.g., augmented reality, gesture-based interfaces)

| Title | Tags |
|---|---|
| Research Proposals | 181561, 5 |

**Learning Outcome**
Design and write HCI research proposals

| Title | Tags |
|---|---|
| Ethics | 181562, 6 |

**Learning Outcome**
Apply ethical practices when working with human research participants

| Title | Tags |
|---|---|
| Cooperation | 181563, 7 |

**Prerequisites**
**Type**
Completion Requirement

**Complete ANY of the following Courses:**
- IT&C 366 - Defensive Cybersecurity
  **OR** C S 465 - Computer Security
  **OR** IS 414 - Information Systems Security and Controls

**Additional Comments:**

| Title | Tags |
|---|---|
| Digital evidence | 181164, 0, 0, 2023-08-26 08:35:19 |

**Learning Outcome**
Properly acquire, analyze, and interpret digital evidence.

| Title | Tags |
|---|---|
| Threat detection | 181039, 0, 1, 2023-08-26 08:35:19 |

**Learning Outcome**
Leverage intelligence and threat detection techniques to mitigate cybersecurity attacks.

| Title | Tags |
|---|---|
| Preventive measures | 181280, 0, 2, 2023-08-26 08:35:19 |

**Learning Outcome**
Identify, address, and recommend preventative measures for vulnerabilities.

| Title | Tags |
|---|---|
| Incident response | 181012, 0, 3, 2023-08-26 08:35:19 |

**Learning Outcome**
Effectively respond to and recover from incidents.

| Title | Tags |
|---|---|
| Communicate findings | 181075, 0, 4, 2023-08-26 08:35:19 |

**Learning Outcome**
Communicate findings to various stakeholders.

Learning Outcome
Apply prototyping, co-design, and other user-centered design techniques as part of a team

## IT&C 567 - Cybersecurity and Penetration Testing

### Course Information

Teaching Area (new)
IT&C

Course Number
567

Teaching Area
IT&C

Course Title
Cybersecurity and Penetration Testing

Course Description
Advanced computer systems security. Vulnerabilities and exploits. System and network attacks. Ethical hacking and penetration testing. Cyber security, cyber weapons, and advanced persistent threats. Legal and regulatory requirements for security and privacy.

Department
Electrical&Computer Engr

When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

No Requirements

Title
Conduct Penetration Test

Tags
181183, 0, 0, 2023-08-26 08:34:16

Learning Outcome
Plan and scope a cybersecurity penetration testing engagement.

Title
Legal requirements

Tags
181160, 0, 1, 2023-08-26 08:34:16

## IT&C 585 - Encryption Implementation

### Course Information

Course Number
585

Teaching Area
IT&C

Course Title
Encryption Implementation

Course Description
Encryption as a means for protecting data. How to implement encryption to accomplish security objectives. Selection of appropriate algorithms and protocols. Legal and regulatory requirements related to encryption.

Department
Electrical&Computer Engr

When Taught
Fall

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

Recommended
Graduate status or sufficient cybersecurity experience from a course such as IT&C 366, IS 414, CS 465, or MATH 485.

Title
Encryption Application

Tags
213285, 0, 1, 2023-08-26 08:35:03

Learning Outcome
Explain the purpose of encryption, including common security problems that encryption can solve and those security problems that are not appropriate for encryption.

Title
Encryption Key Management

Tags
213286, 0, 2, 2023-08-26 08:35:03

Learning Outcome
Apply legal and compliance requirements to cybersecurity audits, implementations, and situations.

Title
Tools and techniques

Tags
181044, 0, 2, 2023-08-26 08:34:16

Learning Outcome
Use appropriate tools and techniques to perform and analyze scans and tests.

Title
Communicate results and remediation

Tags
181210, 0, 3, 2023-08-26 08:34:16

Learning Outcome
Effectively communicate results and propose remediation techniques.

Learning Outcome
Explain the importance of encryption key management in the security of the encryption implementation. Describe each phase of a key's life and the security concerns for each.

Title
Implementation

Tags
213287, 0, 3, 2023-08-26 08:35:03

Learning Outcome
Implement common industry encryption systems in controlled environments.

Title
Standards

Tags
213288, 0, 4, 2023-08-26 08:35:03

Learning Outcome
Explain applicable industry standards and regulations governing implementation of encryption.

## ITAL 101 - First-Year Italian, Part 1

### Course Information

Teaching Area (new)
ITAL

Course Number
101

Teaching Area
ITAL

Course Title
First-Year Italian, Part 1

Course Description
Daily development of the four language skills: understanding, speaking, reading, and writing.

Department
French & Italian

When Taught
Fall, Winter, Spring

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

## ITAL 102 - First-Year Italian, Part 2

### Course Information

Teaching Area (new)
ITAL

Course Number
102

Teaching Area
ITAL

Course Title
First-Year Italian, Part 2

Course Description
Continuation of Ital 101.

Department
French & Italian

When Taught
Fall and Winter

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
2

| Title | Tags |
| --- | --- |
| Sentence Recognition | 192246, 2 |

Learning Outcome
Will understand simple sentences on familiar subjects in Italian.

| Title | Tags |
| --- | --- |
| Speaking Competence | 192247, 3 |

Learning Outcome
Will speak simple sentences on familiar subjects in Italian.

| Title | Tags |
| --- | --- |
| Grammar Mastery | 192248, 1 |

Learning Outcome
Become familiar with basic grammatical rules in Italian, including some verb tenses and their conjugations.

### Lab Hours

Fixed
2

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ITAL 101 - First-Year Italian, Part 1

**Additional Comments:**

Other Prerequisites
or consent of the Italian faculty adviser.

| Title | Tags |
| --- | --- |
| Grammar Mastery | 192249, 1 |

Learning Outcome
Become familiar with grammatical rules in Italian, especially the verb tenses and their conjugations.

| Title | Tags |
| --- | --- |
| Sentence recognition | 192250, 2 |

Learning Outcome
Students will understand simple sentences on familiar topics in Italian.

| Title | Tags |
| --- | --- |
| Speaking Competence | 192251, 3 |

Learning Outcome
Students will speak simple sentences on familiar topics in Italian.

## ITAL 201 - Intermediate Italian 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ITAL | 201 |

Teaching Area
ITAL
Course Title
Intermediate Italian 1
Course Description
Reading, writing, conversation, vocabulary building, and review of grammar.
Department
French & Italian
When Taught

## ITAL 202 - Intermediate Italian 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ITAL | 202 |

Teaching Area
ITAL
Course Title
Intermediate Italian 2
Course Description
Final course for GE Foreign Language requirement (except for returned missionaries); extensive reading in Italian literature and culture.
Department
French & Italian
When Taught

When Taught
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ITAL 102 - First-Year Italian, Part 2

**Additional Comments:**

**Other Prerequisites**
or consent of the Italian faculty adviser.

| Title | Tags |
|---|---|
| Grammar Mastery | 192252, 1 |

**Learning Outcome**
Students will expand their knowledge of Italian grammar by reviewing and increasing their understanding of rules and structures.

| Title | Tags |
|---|---|
| Speaking Competence | 192253, 2 |

**Learning Outcome**
Students will learn to handle most uncomplicated communication and social situations in Italian. Sustain a general conversation and understand longer connected discourse on topics dealing with different times and places.

| Title | Tags |
|---|---|
| Expected course outcome | 192254, 3 |

When Taught
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ITAL 201 - Intermediate Italian 1

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

**Note**
Capstone course for GE Language of Learning requirement for students who have not served a mission in Italy.

| Title | Tags |
|---|---|
| Read and Analyze Italian Literature | 191522, 2 |

**Learning Outcome**
Develop a critical approach to Italian literature through a second-year proficiency level in Italian, analyzing a selection of literary works (listed in the syllabus) within their historical and cultural context.

| Title | Tags |
|---|---|
| Understand and apply basic literary analysis | 191523, 3 |

**Learning Outcome**
Apply the fundamentals of literary interpretation to the texts we discuss.

| Expected course outcome | 192234, 3 |
|---|---|

**Learning Outcome**
Students will develop competence consistent with the "Intermediate" range of the ACTFL Proficiency Guidelines.http://actflproficiencyguidelines2012.org/

| Title | Tags |
|---|---|
| Reading Competence | 192359, 4 |

**Learning Outcome**
Students will read texts dealing with descriptions and narration.

| Title | Tags |
|---|---|
| Communicate effectively in Italian | 191524, 6 |

**Learning Outcome**
Improve oral and written skills in Italian, particularly reading and listening comprehension, written production, and oral expression. Linguistic expected outcome for successful students will target approximately the "Intermediate" range on the ACTFL Proficiency scale.

## ITAL 211R - Second-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ITAL | 211R |

**Teaching Area**
ITAL
**Course Title**
Second-Year Conversation
**Course Description**
Intermediate conversation skills. Can be fulfilled through language residency program.
**Department**
French & Italian
**When Taught**
Fall

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## ITAL 311R - Third-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ITAL | 311R |

**Teaching Area**
ITAL
**Course Title**
Third-Year Conversation
**Course Description**
Advanced conversation skills. Can be fulfilled through language residency program.
**Department**
French & Italian
**When Taught**
Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ITAL 101 - First-Year Italian, Part 1

**Additional Comments:**

**Other Prerequisites**
or equivalent. May be taken concurrently with Ital 102, 201, 202

**Note**
May be taken concurrently with Ital 201.

| Title | Tags |
|---|---|
| Speaking Competence | 192255, 1 |

**Learning Outcome**
Students will describe and narrate in present, past and future times in the context of paragraph-level speech, and initiate and maintain conversations about autobiographical and concrete topics by asking and responding to questions and coping with gaps in knowledge.

| Title | Tags |
|---|---|
| Vocabulary | 192256, 2 |

**Learning Outcome**
Speak using an appropriate variety of vocabulary related to autobiographical and concrete topics.

**Complete ALL of the following Courses:**
- ITAL 101 - First-Year Italian, Part 1

**Additional Comments:**

**Other Prerequisites**
or equivalent. May be taken concurrently with Ital 102, 201, 202.

**Recommended**
ITAL 102; ITAL 102

| Title | Tags |
|---|---|
| Vocabulary | 192257, 2 |

**Learning Outcome**
Speak using an appropriate variety of vocabulary related to autobiographical and concrete topics as well as to current events and plots of books or movies.

| Title | Tags |
|---|---|
| Speaking Competence | 192373, 1 |

**Learning Outcome**
Students will describe and narrate in present, past and future time frames in the context of paragraph-level speech about autobiographical and concrete topics, current events, plots of books or movies and state opinion.

## ITAL 315 - Focused Readings in Italian

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
315

**Teaching Area**
ITAL

**Course Title**
Focused Readings in Italian

**Course Description**
Upon completion of this course, students will have mastered a basic reading proficiency in Italian for use in various disciplines or for personal interest. Students will read from a variety of text types in order to learn a range of linguistic structures and vocabulary, and become familiar with essential verbs and common syntax.\n\n

**Department**
French & Italian

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## ITAL 317 - (Fren-Ital) French and Italian Cinema

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
317

**Teaching Area**
ITAL

**Course Title**
(Fren-Ital) French and Italian Cinema

**Course Description**
Background for understanding and appreciating the best of motion picture art in France and Italy. Includes components of critical theory essential for analyzing film. Language of instruction is English; no knowledge of French or Italian required.

**Department**
French & Italian

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Title**
Aesthetic Judgment

**Tags**
192380, 3

**Learning Outcome**
Develop critical skills for aesthetic judgment in applying acquired technical knowledge to the films of individual filmmakers from these two traditions.

## ITAL 321 - Advanced Language Skills Part 1

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
321

**Teaching Area**
ITAL

## ITAL 322 - Advanced Language Skills Part 2

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
322

**Teaching Area**
ITAL

ITAL

**Course Title**
Advanced Language Skills Part 1

**Course Description**
Intensive review of grammar; vocabulary building and composition

**Department**
French & Italian

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Ital 202, or RM from Italy, or consent of instructor

| Title | Tags |
|---|---|
| Grammar Mastery | 192183, 1 |

**Learning Outcome**
Show control of Italian morphology and increase vocabulary knowledge

| Title | Tags |
|---|---|
| Speaking Competence | 192184, 2 |

**Learning Outcome**
Handle linguistic tasks and social situations in Italian with confidence, and communicate on topics of current public and personal interest.

| Title | Tags |
|---|---|
| Advanced Functionality on the ACTFL Scale | 192185, 4 |

**Learning Outcome**
Students will develop functional abilities consistent with the "Advanced" range of the official ACTFL Proficiency Guidelines.http://actflproficiencyguidelines2012.org/

ITAL

**Course Title**
Advanced Language Skills Part 2

**Course Description**
Italian grammar, morphology, vocabulary, and composition.

**Department**
French & Italian

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- ITAL 321 - Advanced Language Skills Part 1

**Additional Comments:**

**Other Prerequisites**
Or concurrent enrollment.

| Title | Tags |
|---|---|
| Expected course outcome | 192369, 3 |

**Learning Outcome**
Students will develop functional abilities consistent with the Advanced range of the ACTFL Proficiency Guidelines. http://actflproficiencyguidelines2012.org/

| Title | Tags |
|---|---|
| Written Expression | 192370, 1 |

**Learning Outcome**
Students will write about personal experiences, narrative and descriptions of a factual nature. Students will support points of view in written discourse.

| Title | Tags |
| --- | --- |
| Reading Competence | 192332, 3 |

**Learning Outcome**
Read and comment on short stories in Italian.

| Title | Tags |
| --- | --- |
| Grammar Mastery | 192371, 2 |

**Learning Outcome**
Students will demonstrate control of the morphology and the most frequently used syntactic structures, e.g., common-word order patterns, coordination, subordination. It is expected that some students will make errors in producing complex sentences.

## ITAL 340 - Introduction to Italian Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ITAL | 340 |

**Teaching Area**
ITAL
**Course Title**
Introduction to Italian Literature
**Course Description**
Basic literary concepts and terms coupled with readings of Italian works from various genres and periods.
**Department**
French & Italian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## ITAL 360 - Italian Civilization from the Beginning to 1600

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ITAL | 360 |

**Teaching Area**
ITAL
**Course Title**
Italian Civilization from the Beginning to 1600
**Course Description**
Survey of history, architecture, literature, and arts that shaped the Italian culture and civilization from the beginning through the Renaissance.
**Department**
French & Italian
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- ITAL 321 - Advanced Language Skills Part 1

**Additional Comments:**

**Recommended**
Ital 322
**Note**
Capstone course for GE Languages of Learning requirement for returned missionaries.

| Title | Tags |
|---|---|
| Reading Analytically | 192189, 2 |

**Learning Outcome**
Read, understand, and analyze the Italian literary texts in the syllabus

| Title | Tags |
|---|---|
| Poetic Devices | 192309, 3 |

**Learning Outcome**
Identify the poetic devices included in the "poetry section" of the syllabus and describe their function within the texts discussed in class

| Title | Tags |
|---|---|
| Research Skills | 192315, 5 |

**Learning Outcome**
Acquire and implement research skills for the study of Italian literature in order to create two original analytical papers

| Title | Tags |
|---|---|
| Effective Communication in Italian | 192360, 7 |

**Learning Outcome**
Write and speak clearly and effectively in Italian using functions consistent with the Advanced-level range on the ACTFL scale

Completion Requirement

**Complete ALL of the following Courses:**
- ITAL 321 - Advanced Language Skills Part 1

**Additional Comments:**

**Other Prerequisites**
Or concurrent enrollment.
**Note**
Fulfills GE Arts elective.

| Title | Tags |
|---|---|
| Italian culture and history | 192410, 1 |

**Learning Outcome**
Demonstrate knowledge of the chronology of Italian civilization and identify the major intellectual and artistic movements, their defining characteristics and contexts. Also, establish connections between events, movements, and ideas for the time period covered in this course.

| Title | Tags |
|---|---|
| Critical Thinking and Clear Communication | 192411, 7 |

**Learning Outcome**
Articulate and defend clear, orderly thought on cultural topics.

| Title | Tags |
|---|---|
| Research analysis and methods | 192412, 3 |

**Learning Outcome**
Apply appropriate methods of investigation. These include formulating hypotheses; making valid arguments; locating and evaluating resources relevant to course assignments; coping with ambiguity; and evaluating competing interpretations of a given event or topic.

## ITAL 361 - Italian Civilization from 1600 to the Present

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ITAL | 361 |

**Teaching Area**
ITAL

## ITAL 363 - Italian Civilization on Study Abroad

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ITAL | 363 |

**Teaching Area**
ITAL

**Course Title**
Italian Civilization from 1600 to the Present
**Course Description**
Survey of institutions, fine arts, and great writers that shaped the history of Italy from the Baroque period to the present day.
**Department**
French & Italian
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- ITAL 321 - Advanced Language Skills Part 1

**Additional Comments:**

**Other Prerequisites**
Or concurrent enrollment.
**Note**
Fulfills GE Arts elective.

| Title | Tags |
| --- | --- |
| Periods of artistic expression in Italian History | 192191, 2 |

**Learning Outcome**
Become familiar with the major intellectual and artistic traditions of Italy from the Baroque Period to modern times by identifying the chronology and main characteristics of each period listed in the syllabus.

| Title | Tags |
| --- | --- |
| Form, Composition, and Meaning in the Arts | 192192, 3 |

**Learning Outcome**

**Course Title**
Italian Civilization on Study Abroad
**Course Description**
Survey of history, architecture, literature, and arts that shaped the Italian culture and civilization from the beginning through contemporary times.
**Department**
French & Italian
**When Taught**
Spring Term Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Recommended**
ITAL 102.

Learning Outcome
Apply critical concepts, theory, and history to the texts, music, artifacts, and works of art listed in the syllabus to discover, interpret, and evaluate their multiple meanings.

| Title | Tags |
| --- | --- |
| Critical and Aesthetic Judgment | 192193, 5 |

Learning Outcome
Develop critical skills and informed aesthetic judgment to discuss and analyze the music, architecture, and works of art listed in the syllabus, paying particular attention to their historical or social setting and their place in shaping culture.

| Title | Tags |
| --- | --- |
| Research and Effective Communication in Italian | 192361, 7 |

Learning Outcome
Locate and evaluate resources relevant to course assignments and apply appropriate methods of investigation (e.g., formulate hypotheses, make valid arguments, use evidence, cope with ambiguity, evaluate competing interpretations), and communicate findings coherently both orally and in writing.

## ITAL 399R - Academic Internship: Italian Language Field Experience

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
399R

**Teaching Area**
ITAL

**Course Title**
Academic Internship: Italian Language Field Experience

**Course Description**
On-the-job experience in Italian.

**Department**
French & Italian

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
6

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Program coordinator's consent

**Note**
An APPROVED Internship Application is required before adding.

## ITAL 411R - Fourth-Year Conversation

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
411R

**Teaching Area**
ITAL

**Course Title**
Fourth-Year Conversation

**Course Description**
Advanced and Superior conversation skills.

**Department**
French & Italian

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent or Italian 311.

| Title | Tags |
| --- | --- |
| Linguistic Proficiency | 192258, 1 |

**Learning Outcome**
Initiate and maintain fluent conversations in Italian, and cope with gaps in knowledge in contexts related to concrete topics and in some professional contexts.

## ITAL 445 - Italian Women Writers

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
445

**Teaching Area**
ITAL

**Course Title**
Italian Women Writers

**Course Description**
Literature written by Italian women from all periods. Study of selected works of varying genres (letter, treatise, dialogue, biography, plaint, drama) together with historical sources which highlight issues pertaining to women (i.e., life cycles, roles, discourse of beauty and love, maternity, civil liberties, political equality).

**Department**
French & Italian

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ITAL 340 - Introduction to Italian Literature

**Additional Comments:**

## ITAL 446 - Multicultural Italy

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
446

**Teaching Area**
ITAL

**Course Title**
Multicultural Italy

**Course Description**
Examination of the seismic cultural changes occurring in contemporary Italy through the literature that has been produced by and about migrants entering Europe since the 1990s. How this growing field of literature both charts and contributes to the re-definition of the nation occurring in Italy. Students will analyze literature by migrant authors in several genres - autobiography, short story, poetry, theater, and novels (including a comic murder mystery) - through the theoretical lenses of post-colonialism and feminism in order to confront the issues of racism, national and individual identity construction, and the concept of "otherness."

**Department**
French & Italian

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ITAL 340 - Introduction to Italian Literature

**Additional Comments:**

## ITAL 447R - Studies in Literature

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
447R

**Teaching Area**
ITAL

**Course Title**
Studies in Literature

**Course Description**
This course will examine works of Italian literature from all genres according to theme.

**Department**
French & Italian

**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

## ITAL 448R - Studies in Visual Cultures

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
448R

**Teaching Area**
ITAL

**Course Title**
Studies in Visual Cultures

**Course Description**
This course analyses the cultural impact of film, social media, and visual artistic works.

**Department**
French & Italian

**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ITAL 340 - Introduction to Italian Literature

**Additional Comments:**

## ITAL 449R - Studies in Cultural History

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
449R

**Teaching Area**
ITAL

**Course Title**
Studies in Cultural History

**Course Description**

## ITAL 460 - Dante's Divine Comedy.

### Course Information

**Teaching Area (new)**
ITAL

**Course Number**
460

**Teaching Area**
ITAL

**Course Title**
Dante's *Divine Comedy.*

**Course Description**

This course will examine major transformations in the history of Italian society and their cultural impact.

**Department**
French & Italian

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ITAL 340 - Introduction to Italian Literature

**Additional Comments:**

Intensive examination of Dante's major opus.

**Department**
French & Italian

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ITAL 340 - Introduction to Italian Literature

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Discuss and analyze Dante's poetry | 192204, 1 |

**Learning Outcome**
By the end of this semester, successful students will be able to discuss any of the cantos listed in this syllabus from a linguistic, theological, historical and critical point of view.

| Title | Tags |
| --- | --- |
| Write a critical and analytical paper in Italian | 192323, 2 |

**Learning Outcome**
By the end of the semester, successful students will have written a critical and analytical paper, incorporating existing peer-reviewed research on their topic and adding their own assessment and original ideas to

the discourse. Their written linguistic ability will place in the "Advanced Low" (ACTFL scale) level, with the help of the Italian Writing Lab tutor.

| Title | Tags |
| --- | --- |
| Master MLA Conventions for Research Papers | 192376, 3 |

**Learning Outcome**
Successful students will be fully familiar with MLA conventions (8th ed) for their writing assignments., and with the MLA bibliographical database

## ITAL 490R - Individual Study in Italian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ITAL | 490R |

**Teaching Area**
ITAL
**Course Title**
Individual Study in Italian
**Course Description**
Assignments to fit individual needs of the advanced student.
**Department**
French & Italian
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent
**Note**
Not accepted for major or minor.

| Title | Tags |
| --- | --- |
| Research | 192259, 1 |

**Learning Outcome**
Formulate and express in writing critical arguments on a specialized topic reflecting an understanding of primary and secondary sources.

## ITAL 491 - Senior Oral Proficiency Evaluation and Senior Portfolio

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ITAL | 491 |

**Teaching Area**
ITAL
**Course Title**
Senior Oral Proficiency Evaluation and Senior Portfolio
**Course Description**
Capstone course including standardized language testing and reflection on course of study.
**Department**
French & Italian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Note**
Should be completed the semester in which the last Italian course is taken.

| Title | Tags |
| --- | --- |
| Oral Proficiency | 192206, 2 |

**Learning Outcome**
Students will achieve at least an "Advanced" rating on their Oral Proficiency Interview.

| Title | Tags |
| --- | --- |
| Linguistic Proficiency | 192210, 1 |

**Learning Outcome**
Establish an oral proficiency rating by taking the Oral Proficiency Interview.

| Title | Tags |
| --- | --- |
| Portfolio | 192211, 3 |

**Learning Outcome**
Identify and revise your best papers from Italian courses.

| Title | Tags |
| --- | --- |
| Reflection Paper | 192212, 6 |

**Learning Outcome**
Write a reflection paper on the experience of graduating in Italian and the future implications on your life and career.

## ITAL 495R - Senior Seminar in Italian

### Course Information

**Teaching Area (new)**
ITAL
**Course Number**
495R
**Teaching Area**
ITAL
**Course Title**
Senior Seminar in Italian
**Course Description**
In-depth study of a limited area of literature, culture, or criticism; content varies; requires research and writing.
**Department**
French & Italian
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

## JAPAN 101 - First-Year Japanese

### Course Information

**Teaching Area (new)**
JAPAN
**Course Number**
101
**Teaching Area**
JAPAN
**Course Title**
First-Year Japanese
**Course Description**
Writing systems, grammar and vocabulary-building fundamentals, basic conversation and reading.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ITAL 340 - Introduction to Italian Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Linguistic Ability | 192207, 1 |

**Learning Outcome**
Formulate and express both orally and in writing critical arguments about the readings listed in the syllabus.Successful students will place at least at the "Advanced Low" level in Italian speaking, listening, writing, and reading on the ACTFL Proficiency scale

| Title | Tags |
|---|---|
| Research | 192208, 2 |

**Learning Outcome**
Locate and evaluate primary and secondary sources on a specialized topic.

| Title | Tags |
|---|---|
| Critical Thinking | 192209, 3 |

**Learning Outcome**
Articulate and defend an analytical research paper.

## JAPAN 102 - First-Year Japanese

### Course Information

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

| Title | Tags |
|---|---|
| Reading and Writing Hiragana and Katakana | 189530, 1 |

**Learning Outcome**
Students will be able to read and write hiragana and katakana. A writing sample will be included in the individual student portfolio.

| Title | Tags |
|---|---|
| Asking and Giving Directions | 189531, 2 |

**Learning Outcome**
Students will be able to ask and give directions

| Title | Tags |
|---|---|
| Discussing Schedules and Itineraries | 189532, 3 |

**Learning Outcome**
Students will be able to discuss schedules and itineraries

## JAPAN 201 - Second-Year Japanese

### Course Information

**Course Information**

**Teaching Area (new)**
JAPAN

**Course Number**
102

**Teaching Area**
JAPAN

**Course Title**
First-Year Japanese

**Course Description**
Writing systems, grammar and vocabulary-building fundamentals, basic conversation and reading. Includes introduction to Chinese characters.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Other Prerequisites**
JAPAN 101, or equivalent

**Title**
Making Social Introductions

**Tags**
189533, 1

**Learning Outcome**
Students will be able to make social introductions covering various levels of formality and honorifics

**Title**
Reading and Writing Simple Texts

**Tags**
189534, 2

**Learning Outcome**
Students will be able to read and write simple texts based on 200 elementary kanji characters. A written sample will be included in the individual student portfolio.

**Title**
Making Comparisons

**Tags**
189535, 3

**Course Information**

**Teaching Area (new)**
JAPAN

**Course Number**
201

**Teaching Area**
JAPAN

**Course Title**
Second-Year Japanese

**Course Description**
Further practice in conversation; basic reading and writing skills.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Other Prerequisites**
JAPAN 102, or equivalent

**Title**
Recognizing and Producing Kanji Characters

**Tags**
189536, 1

**Learning Outcome**
Students will be able to recognize and produce approximately 400 kanji characters with their readings and meanings. A written sample will be included in the individual student portfolio.

**Title**
Describing and Modeling Proper Etiquette

**Tags**
189537, 2

**Learning Outcome**
Students will be able to describe and model proper etiquette when visiting a home, making hotel reservations, talking about the weather, clothing terms, etc. They will be able to use verbals of giving and receiving; compare activities; use different patterns of reporting information; and

Learning Outcome
Students will be able to make comparisons

employ embedded questions.

## JAPAN 202 - Second-Year Japanese

### Course Information

Teaching Area (new)
JAPAN

Course Number
202

Teaching Area
JAPAN

Course Title
Second-Year Japanese

Course Description
Further practice in conversation, reading, and writing; introducing culture through short stories, articles.

Department
Asian & Near Eastern Lang

When Taught
Fall and Winter

#### Credit Hours

Min
4

Fixed
4

#### Lecture Hours

Fixed
2

#### Lab Hours

Fixed
3

Other Prerequisites
JAPAN 201, or equivalent

Note
Not for returned missionaries or students with extended experience in Japan.

Title
Increasing kanji recognition and usage

Tags
189538, 1

Learning Outcome
Students will be able to recognize and use an additional 150 kanji characters in context. A written sample will be included in the individual student portfolio.

## JAPAN 211R - Second-Year Conversation

### Course Information

Teaching Area (new)
JAPAN

Course Number
211R

Teaching Area
JAPAN

Course Title
Second-Year Conversation

Department
Asian & Near Eastern Lang

When Taught
Contact Department

#### Credit Hours

Min
0.5

Fixed
3

#### Lab Hours

Fixed
0

Other Prerequisites
Japan 102 or equivalent

Note
For Japan Study Abroad students only.

Title
Improving pronunciation, accent, and intonation

Tags
189540, 1

Learning Outcome
Students will learn to speak Japanese with more accurate pronunciation, accent, and intonation.

Title
Increasing listening skills

Tags
189541, 2

Learning Outcome
Students will be able to understand spoken native Japanese with greater accuracy.

Title
Using Japanese in daily life situations

Tags
189542, 3

| Title | Tags |
| --- | --- |
| Using honorific language | 189539, 2 |

**Learning Outcome**
Students will interact appropriately in vertical society situations, using proper levels of honorific language.

**Learning Outcome**
Students will acquire facility in discussing daily life situations in their apartments in Japanese.

## JAPAN 301 - Japanese Reading and Culture

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| JAPAN | 301 |

**Teaching Area**
JAPAN
**Course Title**
Japanese Reading and Culture
**Course Description**
Reading and writing emphasizing essential characters, vocabulary, grammar, and culture.
**Department**
Asian & Near Eastern Lang
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Other Prerequisites**
JAPAN 202, or equivalent.
**Note**
First course for returned missionaries. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Reading authentic Japanese texts at intermediate level | 189426, 1 |

**Learning Outcome**
Students will be able to read intermediate-level stories,

## JAPAN 302 - Readings in Japanese History and Culture

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| JAPAN | 302 |

**Teaching Area**
JAPAN
**Course Title**
Readings in Japanese History and Culture
**Course Description**
Readings in Japanese history and literature with essential characters, vocabulary, and grammatical principles.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- JAPAN 301 - Japanese Reading and Culture

**Additional Comments:**

**Note**

articles, and letters.

| Title | Tags |
| --- | --- |
| Writing about personal experiences | 189427, 2 |

**Learning Outcome**
Students will be able to describe their personal experiences in letters to friends. A written sample will be included in the individual portfolio.

| Title | Tags |
| --- | --- |
| Speaking in a more native and idiomatic manner | 189428, 3 |

**Learning Outcome**
Students will be able to speak Japanese more like native speakers, using a variety of idiomatic expressions.

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Communication | 211699, 0, 1 |

**Learning Outcome**
Based on readings at an intermediate-high level, students will be able to use Japanese at a level approach advanced to narrate and describe key concepts in Japanese history and culture. Students will be able to discuss these topics extensively in conversational settings using detailed and precise language, and to write about them in short essays. Students will also be able to articulate how their communication abilities enable them to contribute meaningfully to personal and professional communities.

| Title | Tags |
| --- | --- |
| Cultural Navigation | 211700, 0, 2 |

**Learning Outcome**
Based on readings and in-class discussions, students will demonstrate an understanding of Japanese values and perspectives by describing foundational events in Japanese history and key concepts of Japanese culture. Students will also be able to articulate how such understandings enable them to handle culturally and linguistically diverse situations, encourage greater unity and belonging among all of God's children.

## JAPAN 311R - Advanced Oral Communication

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| JAPAN | 311R |

**Teaching Area**
JAPAN
**Course Title**
Advanced Oral Communication
**Course Description**
Advanced speaking and listening skills in Japanese including extended narrations, detailed descriptions, and essential oral tasks.

## JAPAN 321 - Advanced Japanese 1: Current Events

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| JAPAN | 321 |

**Teaching Area**
JAPAN
**Course Title**
Advanced Japanese 1: Current Events
**Course Description**
Using Japanese to describe and formulate opinions about current events reported in Japanese media.

narrations, detailed descriptions, and essential oral tasks.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- JAPAN 301 - Japanese Reading and Culture

**Additional Comments:**

**Note**
Residents of the Foreign Language Student Residence (Japan House) should enroll for one credit hour. Those enrolled in the regular course either at BYU Provo or Study Abroad should enroll for two credit hours.

| Title | Tags |
|---|---|
| Document writing | 189434, 0, 3 |

**Learning Outcome**
Students will be able to read and produce written materials in Japanese related to the essential oral tasks.

| Title | Tags |
|---|---|
| Advanced level proficiency | 189432, 0, 1 |

**Learning Outcome**
Students will be able to use Japanese at an Advanced level on the ACTFL proficiency guidelines to provide extended narrations and detailed descriptions related to topics of personal and general interest.

| Title | Tags |
|---|---|
| Essential oral tasks | 189433, 0, 2 |

**Learning Outcome**
Students will be able to successfully accomplish the following tasks in Japanese in both casual and professional settings: Give a personal narrative in a relevant real-world context, provide a detailed description of a complicated idea,

events reported in Japanese media.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- JAPAN 302 - Readings in Japanese History and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Understanding and reporting on current events | 189436, 1 |

**Learning Outcome**
Students will be able to comprehend media reports in spoken and written forms. They will also be able to use connected discourse to report about those events in a clear and extensive manner.

| Title | Tags |
|---|---|
| State and support opinions | 189437, 2 |

**Learning Outcome**
Students will be able to clearly state and support opinions on issues in Japanese media reports. They will be able to do this in oral and written forms.

and resolve complex transactions. These tasks will be accomplished with attention to doing the acts of apologizing, thanking, complimenting, requesting, and refusing in culturally appropriate ways.

Title
Listening and reading comprehension

Tags
189438, 3

Learning Outcome
Students will have adequate language skills to handle listening and reading tasks at the equivalent of the JLPT N2 exam.

## JAPAN 322 - Advanced Japanese 2: Modern Literature

### Course Information

Teaching Area (new)
JAPAN

Course Number
322

Teaching Area
JAPAN

Course Title
Advanced Japanese 2: Modern Literature

Course Description
Readings in modern short fiction, emphasizing grammar, reading comprehension, vocabulary building, and stylistic analysis.

Department
Asian & Near Eastern Lang

When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- JAPAN 302 - Readings in Japanese History and Culture

Additional Comments:

## JAPAN 325 - Structure of Japanese

### Course Information

Teaching Area (new)
JAPAN

Course Number
325

Teaching Area
JAPAN

Course Title
Structure of Japanese

Course Description
Introduction to grammatical foundations of Japanese sound, word, phrase, and meaning structures, and their practical application to common problems with learning Japanese.

Department
Asian & Near Eastern Lang

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- JAPAN 302 - Readings in Japanese History and Culture

Additional Comments:

| Title | Tags |
| --- | --- |
| Dictionary Usage | 189439, 1 |

**Learning Outcome**
Students will be able to use a variety of dictionary sources that will enable them to read and comprehend modern Japanese prose

| Title | Tags |
| --- | --- |
| Recognition and Reading of Kanji | 189440, 2 |

**Learning Outcome**
Students will be able to recognize a majority of standard-usage kanji and identify various readings for the characters

| Title | Tags |
| --- | --- |
| Analysis and Discussion of Texts | 189441, 3 |

**Learning Outcome**
Students will be able to analyze and discuss a variety of modern Japanese literary texts at an intermediate level in the target language. A writing sample will be included in the individual student portfolio.

| Title | Tags |
| --- | --- |
| Analyzing Japanese Grammar | 189442, 0, 1, 2021-11-03 10:14:18 |

**Learning Outcome**
Students will be able to identify correct use of major parts of speech in Japanese including nouns, verbs, adjectives, particles, auxiliaries, and honorifics. They will also be able to explain fundamental aspects of formal Japanese grammar including subjects and topics, tense and aspect, transitivity, case marking, embedded sentences, passives, and causatives.

| Title | Tags |
| --- | --- |
| Applying linguistic theory | 208327, 0, 1, 2021-11-03 10:14:18 |

**Learning Outcome**
Students will be able to use formal theories and principles from Japanese linguistics to determine the grammaticality of Japanese sentences, to correct common learner errors, and to improve the complexity of sentences they are able to produce in Japanese.

| Title | Tags |
| --- | --- |
| Developing professional competencies | 189443, 0, 2, 2021-11-03 10:14:18 |

**Learning Outcome**
Students will be able to articulate how knowledge and analysis of formal Japanese grammar helps to make sense of new information, communicate more effectively, and strengthen bonds among all of God's children.

## JAPAN 326 - Japanese Language in Society

### Course Information

**Teaching Area (new)**
JAPAN
**Course Number**
326
**Teaching Area**
JAPAN
**Course Title**
Japanese Language in Society
**Course Description**
Overview of Japanese pragmatics and sociolinguistics with application to using Japanese appropriately in a variety of contexts.
**Department**

## JAPAN 345 - Japanese Culture

### Course Information

**Teaching Area (new)**
JAPAN
**Course Number**
345
**Teaching Area**
JAPAN
**Course Title**
Japanese Culture
**Course Description**
General survey emphasizing aesthetics, religion, and value systems.
**Department**
Asian & Near Eastern Lang

Department
Asian & Near Eastern Lang
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- JAPAN 302 - Readings in Japanese History and Culture

Additional Comments:

| Title | Tags |
| --- | --- |
| Appropriate use of Japanese in Context | 189445, 0, 1 |

Learning Outcome
Students will be able to use theories from pragmatics and sociolinguistics to explain appropriate and inappropriate use of Japanese in a variety of common social contexts including popular media, formal informational presentations, informal interactions, and institutional settings. These explanations will show sensitivity to the importance of both linguistic correctness and cultural appropriateness.

| Title | Tags |
| --- | --- |
| Analyzing Japanese conversations | 189446, 0, 2 |

Learning Outcome
Students will be able to analyze

Department
Asian & Near Eastern Lang
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- JAPAN 301 - Japanese Reading and Culture

Additional Comments:

| Title | Tags |
| --- | --- |
| Analyze and discuss salient features of Japanese culture | 189447, 1 |

Learning Outcome
Students will be able to speak and write about such features of culture as language, literature, thought, religion, aesthetics, art and music. A writing sample will be included in the individual student portfolio.

natural conversations to generate evidence-based descriptions of

how meaning is created in context by linguistic elements such as honorifics, sentence-final particles, epistemic markers, and affective markers,
how Japanese conversations are interactionally organized, including turn-taking and turn-response, and
how Japanese users sequentially structure common social actions such as thanking, apologizing, requesting, and inviting.

**Title**
Intercultural communication and interaction

**Tags**
208328, 0, 3

**Learning Outcome**
Students will be able to identify common areas of miscommunication between Americans and Japanese, and articulate important cultural assumptions and perspectives that contribute to them. Through this, they will develop a more informed awareness of linguistic and cultural diversity, including how such diversity supports our common identity as Children of God and Disciples of Christ.

## JAPAN 350 - Japanese Literature in Translation--Eighth Through Sixteenth Centuries

### Course Information

**Teaching Area (new)**
JAPAN

**Course Number**
350

**Teaching Area**
JAPAN

**Course Title**
Japanese Literature in Translation--Eighth Through Sixteenth Centuries

**Course Description**
Reading and discussing selected topics in Japanese literature (narrative, lyric, drama) from 700 through 1600 (Nara, Heian, and medieval periods).

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

**Credit Hours**

## JAPAN 351 - Japanese Literature in Translation--Seventeenth Through Nineteenth Centuries.

### Course Information

**Teaching Area (new)**
JAPAN

**Course Number**
351

**Teaching Area**
JAPAN

**Course Title**
Japanese Literature in Translation--Seventeenth Through Nineteenth Centuries.

**Course Description**
Reading and discussing selected topics in Japanese literature (narrative, lyric, drama) from 1600 through 1900 (Edo and Meiji periods).

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

**Credit Hours**

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Title**
Understanding expressions of human experience in literature

**Tags**
189448, 1

**Learning Outcome**
Students will demonstrate their understanding of the human aspects of premodern literature in verbal and written forms. A writing sample will be included in the individual student portfolio.

**Title**
Understand key works and genres in premodern literature

**Tags**
189449, 2

**Learning Outcome**
Students will demonstrate their knowledge and understanding of major works and genres in verbal and written forms.

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Title**
Understanding expressions of human experience in literature

**Tags**
189451, 1

**Learning Outcome**
Students will demonstrate their understanding of the human aspects of early modern Japanese literature orally and in writing. A writing sample will be included in individual student portfolio.

**Title**
Understand key works and genres in early modern literature

**Tags**
189452, 2

**Learning Outcome**
Students will demonstrate their understanding of key literary works and genres in early modern Japanese literature in verbal and written forms.

## JAPAN 352 - Japanese Literature in Translation: The Modern Era

### Course Information

**Teaching Area (new)**
JAPAN

**Course Number**
352

**Teaching Area**
JAPAN

**Course Title**
Japanese Literature in Translation: The Modern Era

**Course Description**
Reading and discussing selected topics in Japanese literature (narrative, lyric, drama) from Meiji period to the present.

**Department**
Asian & Near Eastern Lang

**When Taught**

## JAPAN 377 - Japanese Language Teaching Procedures

### Course Information

**Teaching Area (new)**
JAPAN

**Course Number**
377

**Teaching Area**
JAPAN

**Course Title**
Japanese Language Teaching Procedures

**Course Description**
Acquiring knowledge and skills specific to teaching of Japanese as a foreign language. Conducted in Japanese and English.

**Department**
Asian & Near Eastern Lang

**When Taught**

Fall

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

Title
Understand expressions of human experience in literature

Tags
189453, 1

Learning Outcome
Students will demonstrate their understanding of human aspects in works of modern Japanese literature orally and in writing. A writing sample will be included in the individual student portfolio.

Title
Understand key works and genres in modern literature

Tags
189454, 2

Learning Outcome
Students will demonstrate their ability to analyze key works and genres in modern Japanese literature in oral and written form.

## JAPAN 390 - Japanese Business Language

Fall and Winter

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- JAPAN 302 - Readings in Japanese History and Culture

**Additional Comments:**

Title
Evaluating and creating language teaching materials

Tags
189456, 1

Learning Outcome
Students will evaluate existing language teaching materials, then create and present their own teaching materials. A sample of teaching materials will be included in the individual student portfolio.

Title
Planning and teaching language lessons

Tags
189457, 2

Learning Outcome
Students will plan language lessons and present them in class.

## JAPAN 398R - Experience in Professional Japanese

## Course Information

**Teaching Area (new)**
JAPAN

**Course Number**
390

**Teaching Area**
JAPAN

**Course Title**
Japanese Business Language

**Course Description**
Readings, video materials, discussions, and projects in content areas related specifically to business-related activities.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- JAPAN 321 - Advanced Japanese 1: Current Events

**Additional Comments:**

**Title**
Analyze and discuss Japanese business environment

**Tags**
189458, 1

**Learning Outcome**
Students will gain proficiency in analyzing and discussing, in Japanese, important aspects of the business environment in Japan as compared to that in America.

**Title**
Demonstrate knowledge of specialized vocabulary skills

**Tags**
189459, 2

## Course Information

**Teaching Area (new)**
JAPAN

**Course Number**
398R

**Teaching Area**
JAPAN

**Course Title**
Experience in Professional Japanese

**Course Description**
Experience using Japanese in professional settings through participation in the Boston Career Forum and job-search activities.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- JAPAN 302 - Readings in Japanese History and Culture

**Additional Comments:**

**Other Prerequisites**
JAPAN 390R (can be concurrent enrollment)

**Learning Outcome**
Students will acquire and be able to use specialized vocabulary in Japanese relating to their fields of interest.

## JAPAN 399R - Academic Internship

### Course Information

**Teaching Area (new)**
JAPAN
**Course Number**
399R
**Teaching Area**
JAPAN
**Course Title**
Academic Internship
**Course Description**
On-the-job cultural and/or language experience.
**Department**
Asian & Near Eastern Lang
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5
**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- JAPAN 302 - Readings in Japanese History and Culture

**Additional Comments:**

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Acquire and use specialized vocabulary in work situations
**Tags**
189543, 1

## JAPAN 411 - Toward Superior Oral Communication

### Course Information

**Teaching Area (new)**
JAPAN
**Course Number**
411
**Teaching Area**
JAPAN
**Course Title**
Toward Superior Oral Communication
**Course Description**
Students will work to improve speaking and listening skills in Japanese that will assist them in moving toward Superior ranking, including stating abstract opinions, supporting opinions, hypothesizing, and doing professional oral tasks.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- JAPAN 311R - Advanced Oral Communication
  **AND** JAPAN 321 - Advanced Japanese 1: Current Events
  **AND** JAPAN 322 - Advanced Japanese 2: Modern Literature

**Additional Comments:**

Learning Outcome
Students will enhance functional knowledge of vocabulary as it relates to the workplace in Japan.

Title
Increasing understanding of Japanese corporate culture

Tags
189544, 2

Learning Outcome
Students will acquire on-the-job understanding of the corporate culture of the firm where they conduct their internship.

Title
Superior level proficiency

Tags
208322, 0, 1

Learning Outcome
Students will be able to use Japanese at a level approaching Superior on the ACTFL proficiency guidelines to extensively state and support opinions on abstract topics of general interest.

Title
Professional oral tasks

Tags
208323, 0, 2

Learning Outcome
Students will apply superior-level oral skills to accomplish the following professional tasks: debate, formal presentations, speeches, and leading discussions on topics of general interest.

Title
Writing opinion essays

Tags
208324, 0, 3

Learning Outcome
Students will write essays in Japanese that analyze, respond to, and express personal opinions on current events and issues. These essays will be developed over several drafts.

## JAPAN 441 - Introduction to Classical Japanese

### Course Information

Teaching Area (new)
JAPAN

Course Number
441

Teaching Area
JAPAN

Course Title
Introduction to Classical Japanese

Course Description
Reading of premodern texts, emphasizing grammar and syntax, and showing differences from and influences on the modern idiom.

Department
Asian & Near Eastern Lang

When Taught
Fall and Winter

### Credit Hours

Min

## JAPAN 443 - Toward Superior Japanese 1: Current Events

### Course Information

Teaching Area (new)
JAPAN

Course Number
443

Teaching Area
JAPAN

Course Title
Toward Superior Japanese 1: Current Events

Course Description
Using Japanese to debate on abstract topics related to current events reported in Japanese media.

Department
Asian & Near Eastern Lang

When Taught
Fall and Winter

### Credit Hours

Min

3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- JAPAN 321 - Advanced Japanese 1: Current Events
  **AND** JAPAN 322 - Advanced Japanese 2: Modern Literature

**Additional Comments:**

**Recommended**
It is recommended that students complete JAPAN 325 before enrolling in this course

**Title**
Knowing relationship between classical and modern language

**Tags**
189462, 1

**Learning Outcome**
Students will be able to analyze and discuss the influence of the pre-modern language on present-day Japanese.

**Title**
Understanding and analyzing key premodern literary texts

**Tags**
189463, 2

**Learning Outcome**
Students will read and analyze the content and linguistic features of important premodern literary texts. A writing sample will be included in the individual student portfolio.

3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- JAPAN 321 - Advanced Japanese 1: Current Events
  **AND** JAPAN 322 - Advanced Japanese 2: Modern Literature

**Additional Comments:**

**Title**
Debating abstract topics

**Tags**
208325, 0, 1

**Learning Outcome**
Students will be able to debate opinions on abstract issues with others. They will also be able to speculate and hypothesize on the impact of proposals to resolve those issues.

**Title**
Listening and reading comprehension

**Tags**
208326, 0, 2

**Learning Outcome**
Students will have adequate language skills to handle listening and reading tasks at the equivalent of the JLPT N1 exam.

**Title**
Understanding conflicting viewpoints

**Tags**
189465, 1

**Learning Outcome**
Students will be able to comprehend conflicting viewpoints as reported in professional Japanese media sources such as editorials, talk radio/podcasts and political

debates.

## JAPAN 444 - Toward Superior Japanese 2: Modern Literature

### Course Information

**Teaching Area (new)** **Course Number**
JAPAN 444
**Teaching Area**
JAPAN
**Course Title**
Toward Superior Japanese 2: Modern Literature
**Course Description**
Reading and analyzing fictional texts in Japanese from major modern authors. Emphasis on reading comprehension, vocabulary and kanji mastery, and stylistic analysis.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- JAPAN 321 - Advanced Japanese 1: Current Events
  **AND** JAPAN 322 - Advanced Japanese 2: Modern Literature

**Additional Comments:**

**Title**
Reading and analyzing advanced modern literary texts
**Tags**
189466, 1

**Learning Outcome**
Students will demonstrate their

## JAPAN 446R - Special Topics in Japanese

### Course Information

**Teaching Area (new)** **Course Number**
JAPAN 446R
**Teaching Area**
JAPAN
**Course Title**
Special Topics in Japanese
**Course Description**
Specific topics in Japanese language or literature. Course content will vary each semester. This course is recommended for students who desire a more focused experience.
**Department**
Asian & Near Eastern Lang
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

Students will demonstrate their ability to read and interpret modern literary texts with sophistication in both oral and written forms. A writing sample will be included in the individual student portfolio.

## JAPAN 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
JAPAN

**Course Number**
477R

**Teaching Area**
JAPAN

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

## JAPAN 490R - Individual Study in Japanese

### Course Information

**Teaching Area (new)**
JAPAN

**Course Number**
490R

**Teaching Area**
JAPAN

**Course Title**
Individual Study in Japanese

**Course Description**
Topics vary. Assignments to fit individual needs of the advanced student.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Consent of advisor and instructor.

**Title**
Focused acquisition of knowledge and skills

**Tags**
189545, 1

**Learning Outcome**
Students will concentrate on a specific topic of study and increase their knowledge of and ability to use language appropriate to that field.

**Title**
Increased appreciation of aesthetic practices

**Tags**
189546, 2

**Learning Outcome**
Students will gain a better appreciation for some of the fine aesthetic and artistic expressions in Japan.

## JAPAN 495 - Senior Seminar

### Course Information

## JAPAN 599R - Academic Internship

### Course Information

**Teaching Area (new)**
JAPAN

**Course Number**
495

**Teaching Area**
JAPAN

**Course Title**
Senior Seminar

**Course Description**
Capstone course for the Japanese major.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Department approval.

**Note**
Required of all majors. To be taken the Fall or Winter semester prior to graduation.

**Title**
Analyze and discuss salient features of culture

**Tags**
189469, 1

**Learning Outcome**
Students will be able to analyze and discuss such features of the culture as language, literature, thought, religion, aesthetics, art, and music. The student portfolio will be reviewed at the conclusion of this course.

**Title**
Analyze and discuss the structure of the Japanese language

**Tags**
189470, 2

**Learning Outcome**
Students will demonstrate an ability to analyze and discuss aspects of the language, such as phonology, morphology, syntax, semantics, and pragmatics. The student portfolio will be

**Teaching Area (new)**
JAPAN

**Course Number**
599R

**Teaching Area**
JAPAN

**Course Title**
Academic Internship

**Course Description**
On-the-job cultural and/or language experience.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Japan 302 or equivalent.

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Application

**Tags**
189679, 1

**Learning Outcome**
The students will utilize a significant range of skills and abilities in a professional setting.

student portfolio will be reviewed at the conclusion of this course.

## JAVNS 100 - Language Study: Javanese

### Course Information

**Teaching Area (new)**
JAVNS

**Course Number**
100

**Teaching Area**
JAVNS

**Course Title**
Language Study: Javanese

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Javanese.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Speaking | 196337, 1 | Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions. |
| Social Situations | 196338, 2 | Function appropriately in familiar, routine social situations in the target culture. |

## JAVNS 101 - First-Year Language Study: Javanese

### Course Information

**Teaching Area (new)**
JAVNS

**Course Number**
101

**Teaching Area**
JAVNS

**Course Title**
First-Year Language Study: Javanese

**Course Description**
Beginning speaking, listening, reading, and writing skills in Javanese.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags | Learning Outcome |
|---|---|---|
| Comprehension | 196342, 1 | Understand written and spoken target language relating to familiar topics. |
| Speaking | 196344, 2 | Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and |

| Title | Tags |
| --- | --- |
| Follow Instructions | 196340, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196346, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196347, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## JAVNS 102 - First-Year Language Study: Javanese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| JAVNS | 102 |

**Teaching Area**
JAVNS
**Course Title**
First-Year Language Study: Javanese
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Javanese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**

## JAVNS 201 - Second-Year Language Study: Javanese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| JAVNS | 201 |

**Teaching Area**
JAVNS
**Course Title**
Second-Year Language Study: Javanese
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Javanese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- JAVNS 101 - First-Year Language Study: Javanese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 196350, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196351, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 196352, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 196353, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## JAVNS 202 - Second-Year Language Study: Javanese

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- JAVNS 102 - First-Year Language Study: Javanese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196355, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196356, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196358, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196359, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## JAVNS 305 - Language Skills Development: Javanese

## Course Information

**Teaching Area (new)** | **Course Number**
JAVNS | 202

**Teaching Area**
JAVNS

**Course Title**
Second-Year Language Study: Javanese

**Course Description**
Continued emphasis on Javanese communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- JAVNS 201 - Second-Year Language Study: Javanese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196361, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

## Course Information

**Teaching Area (new)** | **Course Number**
JAVNS | 305

**Teaching Area**
JAVNS

**Course Title**
Language Skills Development: Javanese

**Course Description**
Increasing proficiency in one or more of the following Javanese language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196367, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196369, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196370, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

| Title | Tags |
| --- | --- |
| Comprehension | 196362, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196364, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196365, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## JAVNS 321 - Advanced Grammar: Javanese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| JAVNS | 321 |

**Teaching Area**
JAVNS
**Course Title**
Advanced Grammar: Javanese
**Course Description**
Systematic review of grammar and syntax of Javanese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**

## JAVNS 330 - Advanced Language Proficiency Through Cultural Studies: Javanese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| JAVNS | 330 |

**Teaching Area**
JAVNS
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Javanese
**Course Description**
Study of Javanese culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- JAVNS 202 - Second-Year Language Study: Javanese

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196373, 1 |

Learning Outcome
Analyze target language morphology and syntax

| Title | Tags |
|---|---|
| Apply | 196374, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196376, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Other Prerequisites
Javns 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196378, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196379, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196380, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language

cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196382, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## JAVNS 340 - Introduction to Literature: Javanese

### Course Information

**Teaching Area (new)**
JAVNS
**Course Number**
340
**Teaching Area**
JAVNS
**Course Title**
Introduction to Literature: Javanese
**Course Description**
Advanced study of Javanese literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

## JAVNS 350 - Advanced Language Study for Career Purposes: Javanese

### Course Information

**Teaching Area (new)**
JAVNS
**Course Number**
350
**Teaching Area**
JAVNS
**Course Title**
Advanced Language Study for Career Purposes: Javanese
**Course Description**
Concentration on Javanese language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

Complete ALL of the following courses:

- JAVNS 330 - Advanced Language Proficiency Through Cultural Studies: Javanese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196384, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196386, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196388, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196389, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

Complete ALL of the following courses:

- JAVNS 330 - Advanced Language Proficiency Through Cultural Studies: Javanese

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196391, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 196392, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 196394, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 196395, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196397, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## KAZAK 100 - Language Study: Kazakh

### Course Information

**Teaching Area (new)**
KAZAK

**Course Number**
100

**Teaching Area**
KAZAK

**Course Title**
Language Study: Kazakh

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Kazakh.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
196425, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title**
Social Situations

**Tags**
196426, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

**Title**
Follow Instructions

**Tags**
196427, 3

## KAZAK 101 - First-Year Language Study: Kazakh

### Course Information

**Teaching Area (new)**
KAZAK

**Course Number**
101

**Teaching Area**
KAZAK

**Course Title**
First-Year Language Study: Kazakh

**Course Description**
Beginning speaking, listening, reading, and writing skills in Kazakh.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
196430, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196432, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

| Title | Tags |
| --- | --- |
| Writing | 196433, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196435, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## KAZAK 102 - First-Year Language Study: Kazakh

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| KAZAK | 102 |

**Teaching Area**
KAZAK
**Course Title**
First-Year Language Study: Kazakh
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Kazakh.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

## KAZAK 201 - Second-Year Language Study: Kazakh

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| KAZAK | 201 |

**Teaching Area**
KAZAK
**Course Title**
Second-Year Language Study: Kazakh
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Kazakh.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KAZAK 101 - First-Year Language Study: Kazakh

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 196436, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196438, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 196439, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 196441, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KAZAK 102 - First-Year Language Study: Kazakh

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196448, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196450, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196451, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196452, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## KAZAK 202 - Second-Year Language Study: Kazakh

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| KAZAK | 202 |

**Teaching Area**
KAZAK

## KAZAK 305 - Language Skills Development: Kazakh

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| KAZAK | 305 |

**Teaching Area**
KAZAK

**Course Title**
Second-Year Language Study: Kazakh
**Course Description**
Continued emphasis on Kazakh communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KAZAK 201 - Second-Year Language Study: Kazakh

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196453, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196455, 2 |

**Learning Outcome**

**Course Title**
Language Skills Development: Kazakh
**Course Description**
Increasing proficiency in one or more of the following Kazakh language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196462, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196463, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196465, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196457, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196458, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## KAZAK 321 - Advanced Grammar: Kazakh

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| KAZAK | 321 |

**Teaching Area**
KAZAK
**Course Title**
Advanced Grammar: Kazakh
**Course Description**
Systematic review of grammar and syntax of Kazakh.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## KAZAK 330 - Advanced Language Proficiency Through Cultural Studies: Kazakh

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| KAZAK | 330 |

**Teaching Area**
KAZAK
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Kazakh
**Course Description**
Study of Kazakh culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- KAZAK 202 - Second-Year Language Study: Kazakh

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196466, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196469, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196470, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Kazak 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196473, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196475, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196477, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196480, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## KAZAK 340 - Introduction to Literature: Kazakh

### Course Information

**Teaching Area (new)**
KAZAK
**Course Number**
340
**Teaching Area**
KAZAK
**Course Title**
Introduction to Literature: Kazakh
**Course Description**
Advanced study of Kazakh literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- KAZAK 330 - Advanced Language Proficiency Through Cultural Studies: Kazakh

**Additional Comments:**

## KAZAK 350 - Advanced Language Study for Career Purposes: Kazakh

### Course Information

**Teaching Area (new)**
KAZAK
**Course Number**
350
**Teaching Area**
KAZAK
**Course Title**
Advanced Language Study for Career Purposes: Kazakh
**Course Description**
Concentration on Kazakh language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- KAZAK 330 - Advanced Language Proficiency Through Cultural Studies: Kazakh

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 196482, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 196485, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 196486, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 196487, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 196490, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196491, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196494, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196495, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196497, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## KEKCH 330 - Advanced Language Proficiency Through Cultural Studies: Kekchi

### Course Information

**Teaching Area (new)**
KEKCH

**Course Number**
330

**Teaching Area**
KEKCH

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Kekchi

**Course Description**
Study of Guatemalan culture(s) using interpersonal, presentational, and interpretive skills in Kekchi.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Entry course for returned missionaries or others of equivalent language ability.

## KHMER 100 - Language Study: Khmer

### Course Information

**Teaching Area (new)**
KHMER

**Course Number**
100

**Teaching Area**
KHMER

**Course Title**
Language Study: Khmer

**Course Description**
Survival-level conversation, reading, listening, and culture skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

## KHMER 101 - First-Year Language Study: Khmer

### Course Information

**Teaching Area (new)**
KHMER

**Course Number**
101

**Teaching Area**
KHMER

**Course Title**
First-Year Language Study: Khmer

**Course Description**
Beginning speaking, listening, reading, and writing skills in Khmer.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

## KHMER 102 - First-Year Language Study: Khmer

### Course Information

**Teaching Area (new)**
KHMER

**Course Number**
102

**Teaching Area**
KHMER

**Course Title**
First-Year Language Study: Khmer

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Khmer.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- KHMER 101 - First-Year Language Study: Khmer

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

# KHMER 201 - Second-Year Language Study: Khmer

## Course Information

**Teaching Area (new)**
KHMER

**Course Number**
201

**Teaching Area**
KHMER

**Course Title**
Second-Year Language Study: Khmer

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Khmer.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KHMER 102 - First-Year Language Study: Khmer

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

# KHMER 202 - Second-Year Language Study: Khmer

## Course Information

**Teaching Area (new)**
KHMER

**Course Number**
202

**Teaching Area**
KHMER

**Course Title**
Second-Year Language Study: Khmer

**Course Description**
Continued emphasis on communication skills and vocabulary building in Khmer and cultural awareness of Cambodia.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KHMER 201 - Second-Year Language Study: Khmer

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

## KHMER 305 - Language Skills Development: Khmer

### Course Information

**Teaching Area (new)**
KHMER

**Course Number**
305

**Teaching Area**
KHMER

**Course Title**
Language Skills Development: Khmer

**Course Description**
Increasing proficiency in one or more of the following target-language or target-culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

## KHMER 321 - Advanced Grammar: Khmer

### Course Information

**Teaching Area (new)**
KHMER

**Course Number**
321

**Teaching Area**
KHMER

**Course Title**
Advanced Grammar: Khmer

**Course Description**
Systematic review of grammar and syntax of target language.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KHMER 202 - Second-Year Language Study: Khmer

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## KHMER 330 - Advanced Language Proficiency Through Cultural Studies: Khmer

### Course Information

**Teaching Area (new)** KHMER
**Course Number** 330
**Teaching Area**
KHMER
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Khmer
**Course Description**
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Cambo 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

## KHMER 340 - Introduction to Literature: Khmer

### Course Information

**Teaching Area (new)** KHMER
**Course Number** 340
**Teaching Area**
KHMER
**Course Title**
Introduction to Literature: Khmer
**Course Description**
Advanced study of Cambodian literature in Khmer. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- KHMER 330 - Advanced Language Proficiency Through Cultural Studies: Khmer

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## KHMER 350 - Advanced Language Study for Career Purposes: Khmer

### Course Information

**Teaching Area (new)** **Course Number**

## KICHE 100 - Language Study: K'iche

### Course Information

**Teaching Area (new)** KICHE
**Course Number** 100

KHMER 350
**Teaching Area**
KHMER
**Course Title**
Advanced Language Study for Career Purposes: Khmer
**Course Description**
Concentration on target-language and target-culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- KHMER 330 - Advanced Language Proficiency Through Cultural Studies: Khmer

**Additional Comments:**

**Teaching Area**
KICHE
**Course Title**
Language Study: K'iche
**Course Description**
Survival-level conversation, reading, listening, and culture skills in K'iche.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 196503, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 196505, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196507, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## KICHE 101 - First-Year Language Study

## KICHE 102 - First-Year Language Study

# KICHE 101 - First-Year Language Study: K'iche

## Course Information

**Teaching Area (new)**
KICHE

**Course Number**
101

**Teaching Area**
KICHE

**Course Title**
First-Year Language Study: K'iche

**Course Description**
Beginning speaking, listening, reading, and writing skills.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
196511, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196514, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**
Writing

**Tags**
196516, 3

**Learning Outcome**
In the target language, write

# KICHE 102 - First-Year Language Study: K'iche

## Course Information

**Teaching Area (new)**
KICHE

**Course Number**
102

**Teaching Area**
KICHE

**Course Title**
First-Year Language Study: K'iche

**Course Description**
Second-semester speaking, listening, reading, and writing skills in K'iche.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KICHE 101 - First-Year Language Study: K'iche

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Comprehension

**Tags**
196522, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196524, 2

In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196519, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196526, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196529, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## KICHE 201 - Second-Year Language Study: K'iche

### Course Information

**Teaching Area (new)**
KICHE
**Course Number**
201
**Teaching Area**
KICHE
**Course Title**
Second-Year Language Study: K'iche
**Course Description**
Intermediate speaking, listening, reading, and writing skills in K'iche.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

## KICHE 202 - Second-Year Language Study: K'iche

### Course Information

**Teaching Area (new)**
KICHE
**Course Number**
202
**Teaching Area**
KICHE
**Course Title**
Second-Year Language Study: K'iche
**Course Description**
Continued emphasis on K'iche communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- KICHE 102 - First-Year Language Study: K'iche

Prerequisites

**Complete ALL of the following Courses:**
- FLANG 102R - First-Year Language Study

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196532, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196535, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196537, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196539, 4 |

**Learning Outcome**

5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KICHE 201 - Second-Year Language Study: K'iche

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

| Title | Tags |
|---|---|
| Communication Skills | 196543, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196545, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196546, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements

Discuss in the target language common products and practices related to every-day life in the target culture.

and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196547, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## KICHE 305 - Language Skills Development: K'iche

### Course Information

Teaching Area (new): KICHE
Course Number: 305
Teaching Area: KICHE
Course Title: Language Skills Development: K'iche
Course Description: Increasing proficiency in one or more of the following K'iche language and culture skills: speaking, listening, reading, writing, cultural awareness.
Department: Language Studies
When Taught: Contact Department

**Credit Hours**

Min: 1
Fixed: 4

Other Prerequisites
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196550, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196553, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be

## KICHE 321 - Advanced Grammar: K'iche

### Course Information

Teaching Area (new): KICHE
Course Number: 321
Teaching Area: KICHE
Course Title: Advanced Grammar: K'iche
Course Description: Systematic review of grammar and syntax of K'iche.
Department: Language Studies
When Taught: Contact Department

**Credit Hours**

Min: 3
Fixed: 3

**Lecture Hours**

Fixed: 3

**Lab Hours**

Fixed: 0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- KICHE 202 - Second-Year Language Study: K'iche

**Additional Comments:**

encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196555, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 196558, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 196560, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196562, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## KICHE 330 - Advanced Language Proficiency Through Cultural Studies: K'iche

### Course Information

**Teaching Area (new)**
KICHE
**Course Number**
330
**Teaching Area**
KICHE
**Course Title**
Advanced Language Proficiency Through Cultural Studies: K'iche
**Course Description**
Study of K'iche culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## KICHE 340 - Introduction to Literature: K'iche

### Course Information

**Teaching Area (new)**
KICHE
**Course Number**
340
**Teaching Area**
KICHE
**Course Title**
Introduction to Literature: K'iche
**Course Description**
Advanced study of K'iche literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Other Prerequisites
Kiche 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 196566, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 196568, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196570, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196573, 4 |

Learning Outcome

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KICHE 330 - Advanced Language Proficiency Through Cultural Studies: K'iche

Additional Comments:

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 196576, 1 |

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 196578, 2 |

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 196579, 3 |

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 196581, 4 |

Learning Outcome
Improve target-language reading, writing, and speaking skills.

Complete Languages of Learning and Global & Cultural Awareness for General Education.

## KICHE 350 - Advanced Language Study for Career Purposes: K'iche

### Course Information

**Teaching Area (new)**
KICHE

**Course Number**
350

**Teaching Area**
KICHE

**Course Title**
Advanced Language Study for Career Purposes: K'iche

**Course Description**
Concentration on K'iche language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- KICHE 330 - Advanced Language Proficiency Through Cultural Studies: K'iche

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 196582, 1 |

**Learning Outcome**
Develop overall language and

## KIRIB 100 - Language Study: Kiribati

### Course Information

**Teaching Area (new)**
KIRIB

**Course Number**
100

**Teaching Area**
KIRIB

**Course Title**
Language Study: Kiribati

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Kiribati.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196583, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196584, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196587, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196588, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## KIRIB 101 - First-Year Language Study: Kiribati

### Course Information

**Teaching Area (new)**
KIRIB
**Course Number**
101
**Teaching Area**
KIRIB
**Course Title**
First-Year Language Study: Kiribati
**Course Description**
Beginning speaking, listening, reading, and writing skills in Kiribati.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

## KIRIB 102 - First-Year Language Study: Kiribati

### Course Information

**Teaching Area (new)**
KIRIB
**Course Number**
102
**Teaching Area**
KIRIB
**Course Title**
First-Year Language Study: Kiribati
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Kiribati.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- KIRIB 101 - First-Year Language Study: Kiribati

**Additional Comments:**

## KIRIB 201 - Second-Year Language Study: Kiribati

### Course Information

**Teaching Area (new)**
KIRIB

**Course Number**
201

**Teaching Area**
KIRIB

**Course Title**
Second-Year Language Study: Kiribati

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Kiribati.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KIRIB 102 - First-Year Language Study: Kiribati

**Additional Comments:**

## KIRIB 202 - Second-Year Language Study: Kiribati

### Course Information

**Teaching Area (new)**
KIRIB

**Course Number**
202

**Teaching Area**
KIRIB

**Course Title**
Second-Year Language Study: Kiribati

**Course Description**
Continued emphasis on Kiribati communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KIRIB 201 - Second-Year Language Study: Kiribati

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry-level course for returned missionaries.

## KIRIB 305 - Language Skills Development: Kiribati

### Course Information

**Teaching Area (new)**
KIRIB

**Course Number**
305

**Teaching Area**
KIRIB

**Course Title**
Language Skills Development: Kiribati

**Course Description**
Increasing proficiency in one or more of the following Kiribati language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

## KIRIB 321 - Advanced Grammar: Kiribati

### Course Information

**Teaching Area (new)**
KIRIB

**Course Number**
321

**Teaching Area**
KIRIB

**Course Title**
Advanced Grammar: Kiribati

**Course Description**
Systematic review of grammar and syntax of Kiribati.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- KIRIB 202 - Second-Year Language Study: Kiribati

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## KIRIB 330 - Advanced Language Proficiency Through Cultural Studies: Kiribati

### Course Information

**Teaching Area (new)**
KIRIB
**Course Number**
330
**Teaching Area**
KIRIB
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Kiribati
**Course Description**
Study of Kiribati culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
KIRIB 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

## KIRIB 340 - Introduction to Literature: Kiribati

### Course Information

**Teaching Area (new)**
KIRIB
**Course Number**
340
**Teaching Area**
KIRIB
**Course Title**
Introduction to Literature: Kiribati
**Course Description**
Advanced study of Kiribati literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- KIRIB 330 - Advanced Language Proficiency Through Cultural Studies: Kiribati

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

# KIRIB 350 - Advanced Language Study for Career Purposes: Kiribati

## Course Information

**Teaching Area (new)**
KIRIB

**Course Number**
350

**Teaching Area**
KIRIB

**Course Title**
Advanced Language Study for Career Purposes: Kiribati

**Course Description**
Concentration on Kiribati language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- KIRIB 330 - Advanced Language Proficiency Through Cultural Studies: Kiribati

**Additional Comments:**

# KOREA 101 - First-Year Korean 1

## Course Information

**Teaching Area (new)**
KOREA

**Course Number**
101

**Teaching Area**
KOREA

**Course Title**
First-Year Korean 1

**Course Description**
Han'gul, the phonetic system, basic grammar and vocabulary, discourse, reading, and culture.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Outcomes | 189550, 1 |

**Learning Outcome**
Students will be able to;
1. Read (with limited comprehension) and write proficiently.
2. Discuss topics such as family, school, months of the year, hobbies, vacation plans.
3. Interact linguistically on a limited basis using middle and high language.

## KOREA 102 - First-Year Korean 2

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
102

**Teaching Area**
KOREA

**Course Title**
First-Year Korean 2

**Course Description**
Continuation of Korea 101. Phonetic system, basic grammar, vocabulary, discourse, reading, and culture.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Korea 101 or equivalent

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Outcomes | 189551, 1 |

**Learning Outcome**
Students will be able to;
1. Comprehend basic reading material
2. Use low language in addition to middle and high language
3. Use expanded grammar and vocabulary in speech ACTFL 1

## KOREA 201 - Second-Year Korean 1

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
201

**Teaching Area**
KOREA

**Course Title**
Second-Year Korean 1

**Course Description**
Further practice in discourse and basic reading and writing skills; culture.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Korea 102 or equivalent

| Title | Tags |
|---|---|
| Outcomes | 189552, 1 |

**Learning Outcome**
Students will be able to;
1. Speak somewhat comfortably in everyday situations with peers and acquaintances.
2. Read and write basic Korean (with grammatical and spelling mistakes).
3. Translate from basic Korean to English and English to Korean
4. Grasp Korean surface and deep culture

## KOREA 202 - Second-Year Korean 2

### Course Information

## KOREA 211R - Second-Year Conversation

### Course Information

**Teaching Area (new)**
KOREA
**Course Number**
202
**Teaching Area**
KOREA
**Course Title**
Second-Year Korean 2
**Course Description**
Continuation of Korea 201. Conversation, basic reading and writing skills, culture. Introduction to Chinese characters.
**Department**
Asian & Near Eastern Lang
**When Taught**
Winter

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Korea 201 or equivalent
**Note**
Not for returned missionaries.

| Title | Tags |
|---|---|
| Learning outcome 2 | 189556, 2 |

**Learning Outcome**
2. Read and understand modified or early intermediate level readings

| Title | Tags |
|---|---|
| Learning outcome 1 | 189557, 1 |

**Learning Outcome**
1. Speak and understand Korean at an ACTFL 2

| Title | Tags |
|---|---|
| Learning outcome 3 | 189558, 3 |

**Learning Outcome**
3. Recognize basic hanja

**Teaching Area (new)**
KOREA
**Course Number**
211R
**Teaching Area**
KOREA
**Course Title**
Second-Year Conversation
**Course Description**
Intermediate listening comprehension and speaking skills.
**Department**
Asian & Near Eastern Lang
**When Taught**
Contact Department

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Korea 201 or foreign residence experience

| Title | Tags |
|---|---|
| Application of conversation | 189684, 1 |

**Learning Outcome**
Students will deepen their understanding of Conversation.

| Title | Tags |
| --- | --- |
| Learning outcome 4 | 189559, 4 |

**Learning Outcome**
4. Write in Korean without major spelling or grammatical mistakes

## KOREA 301 - Third-Year Korean 1

### Course Information

**Teaching Area (new)**
KOREA
**Course Number**
301
**Teaching Area**
KOREA
**Course Title**
Third-Year Korean 1
**Course Description**
Vocabulary, grammar, discourse, pronunciation, hanja, and culture.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Korea 202 or equivalent
**Note**
First course for returned missionaries.

| Title | Tags |
| --- | --- |
| Outcome | 189471, 1 |

**Learning Outcome**
Students will be able to;
1. Speak in most social and uncomplicated language situations. ACTFL 3-
2. Listen and understand most informal topics spoken by native speaker. ACTFL 3-
3. Read and understand leisure stories, essays and easy formal

## KOREA 302 - Third-Year Korean 2

### Course Information

**Teaching Area (new)**
KOREA
**Course Number**
302
**Teaching Area**
KOREA
**Course Title**
Third-Year Korean 2
**Course Description**
Continuation of Korea 301. Vocabulary, grammar, discourse, hanja, composition, pronunciation, and culture.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Korea 301 or equivalent

| Title | Tags |
| --- | --- |
| Outcome 2 | 189472, 2 |

**Learning Outcome**
2. Read and understand some intermediate level of formal topics.

| Title | Tags |
| --- | --- |
| Outcome 3 | 189473, 3 |

**Learning Outcome**
3. Compose one page Korean

topics.
4. Compose one page Korean without major flaws in structure of Korean.

3. Compose one page Korean using some four-character proverbs and some high level vocabulary without major structural flaws.

**Title**
Outcome 1

**Tags**
189474, 1

**Learning Outcome**
1. Speak in most social language situations and some complicated language situations with confidence. ACTFL 3

# KOREA 311R - Third-Year Conversation

## Course Information

**Teaching Area (new)**
KOREA

**Course Number**
311R

**Teaching Area**
KOREA

**Course Title**
Third-Year Conversation

**Course Description**
Advanced conversational skills.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Max**
2

### Lecture Hours

**Min**
1

**Max**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Korea 301 or foreign residence experience

**Title**
Conversation

**Tags**
189475, 1

**Learning Outcome**
A third-year level course, students should become coversant in a range of common and sophisticated subjects.

**Title**
Conversational Korean

**Tags**
189476, 2

**Learning Outcome**
Students will begin to develop professional speaking abilities to include conversation at a well-educated natives speakers level, ability to make professional presenations, and respond to questions in a formal setting.

# KOREA 315 - Sino-Korean Character Workshop

## Course Information

**Teaching Area (new)**
KOREA

**Course Number**
315

**Teaching Area**
KOREA

**Course Title**
Sino-Korean Character Workshop

**Course Description**
Sino-Korean vocabulary and characters necessary for advanced and superior level Korean.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Korea 202 or higher

**Title**
Korean 315-Sino Korean Character Workshop

**Tags**
209833, 0, 1

**Learning Outcome**
Identify pronunciation and meaning of 300 Hanja Proficiency Test characters, level 8, 7 and 6. Recognize related Sino-Korean vocabulary and four character sayings. Use stroke, radical, and pronunciation methods to look up unknown characters in character dictionaries. Read and translate mixed-script texts into English. Develop effective learning strategies based on characteristics of the six categories of Chinese characters.

## KOREA 321 - Selected Readings of Modern Korean

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
321

**Teaching Area**
KOREA

**Course Title**
Selected Readings of Modern Korean

**Course Description**
Mixed script (with hanja) and other readings from modern documentary and literary texts, emphasizing comprehension, grammar, and vocabulary building.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Korea 301 or equivalent

| Title | Tags |
|---|---|
| readings | 189477, 1 |

**Learning Outcome**
students will develop skills in reading advanced level texts in literature and social sciences.

## KOREA 325 - Structure of Korean

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
325

**Teaching Area**
KOREA

**Course Title**
Structure of Korean

**Course Description**
Study morphology, phonetics, phonology, syntax, and semantics in relation to Korean and other languages. Increase awareness of social significance, universality, diversity, complexity of linguistics with the goal of participating more ethically in linguistically diverse communities.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Korea 302.

| Title | Tags |
|---|---|
| Students will be able to | 189478, 0, 1 |

**Learning Outcome**

learn to communicate effectively, in a professional setting, about major linguistic theories, current issues, and topics among linguists. You will also be equipped with tools and techniques for linguistic analysis.
understand and be proficient in the subfields of linguistics: phonetics, phonology, morphology, semantics, syntax, psycholinguistics, and sociolinguistics.
learn to navigate their cultural and linguistic beliefs, attitudes,

and usage and understand the diversity and similarity of language systems with a goal of participating more ethically in a variety of linguistic communities.
conceptualize the value of being able to navigate new discourses and narrate connections to relevant contexts

## KOREA 340 - Korean Literature to 1900

### Course Information

**Teaching Area (new)**
KOREA
**Course Number**
340
**Teaching Area**
KOREA
**Course Title**
Korean Literature to 1900
**Course Description**
Korean literature from the earliest times to 1900. Emphasis on basic literary concepts.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KOREA 302 - Third-Year Korean 2

**Additional Comments:**

## KOREA 343 - Premodern Korean Literature in Translation

### Course Information

**Teaching Area (new)**
KOREA
**Course Number**
343
**Teaching Area**
KOREA
**Course Title**
Premodern Korean Literature in Translation
**Course Description**
Reading and discussing selected topics in Korean literature (verse, poetry, prose, fiction, oral literature) from antiquity through 1900.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Korea 340, Korea 345

**Title**
Korea 343: Premodern Korean Literature in Translation
**Tags**
210985, 0, 1

**Learning Outcome**
Develop an understanding of premodern Korean literature in its social, political, historical, and

**Title**
Korea 340: Korean Literature to 1900

**Tags**
210984, 0, 10

**Learning Outcome**
Cultural Literacy: Students will be able to observe and interpret nuances of a culture through its language, history & practices. In this course, students will be exposed to the major genres of premodern Korean literature in their original scripts and reading them with the help of modern Korean translations.
Communicate Effectively: Students will be able to write coherent explanations and arguments with attention to the implications of language, and articulate and present messages effectively.
Synthesize Ideas: Students will be able to identify patterns of information, explain their implications, and develop and implement an appropriate research plan.

cultural contexts.
Refine written communications skills by comparing readings and using textual analysis to provide creative arguments.
Practice oral communication by presenting personal research and analysis through leading and participating in class discussions.

# KOREA 344 - Modern Korean Literature in Translation

## Course Information

**Teaching Area (new)**
KOREA

**Course Number**
344

**Teaching Area**
KOREA

**Course Title**
Modern Korean Literature in Translation

**Course Description**
Reading and discussing selected topics in Korean literature (narrative, poetry, drama) from the 1900 (late Choson period) to the present.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Korea 345

| Title | Tags |
|---|---|
| Korea 344: Modern Korean Literature in Translation | 210986, 0, 1 |

**Learning Outcome**
Develop an understanding of modern Korean literature in its social, political, historical, and cultural contexts.
Refine written communications skills by comparing readings and using textual analysis to provide creative arguments.
Practice oral communication by presenting personal research and analysis through leading and participating in class discussions.

# KOREA 345 - Korean Culture

## Course Information

**Teaching Area (new)**
KOREA

**Course Number**
345

**Teaching Area**
KOREA

**Course Title**
Korean Culture

**Course Description**
Selected topics in traditional, modern, and contemporary Korean culture. All readings in English.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Korea 345: Korean Culture | 210987, 0, 1 |

**Learning Outcome**
Students will be able to use academic vocabulary to describe and analyze different aspects of Korean culture.
Students will be able to appreciate and understand traditional and modern Korean beliefs, practices, and identities.
Students will be able to demonstrate how different aspects of Korean culture have shaped the behavior and identity of Koreans in the past and present.

## KOREA 346 - The Culture of North Korea Since 1945

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
346

**Teaching Area**
KOREA

**Course Title**
The Culture of North Korea Since 1945

**Course Description**
Linguistic, cultural, and social issues related to life in North Korea and the Korean diaspora. All readings in English.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Cultural Literacy

**Tags**
213957, 0, 1, 2023-08-29 09:50:16

**Learning Outcome**
Students will be able to identify social issues and core human values reflected in North Korean movies, music, art, and literature.

**Title**
Information Literacy

**Tags**
213958, 0, 2, 2023-08-29 09:50:18

**Learning Outcome**
Students will become familiar with the major sources of information about North Korea and practice evaluating their reliability.

**Title**
Communicate Effectively

**Tags**
213959, 0, 3, 2023-08-29 09:50:19

**Learning Outcome**

## KOREA 358R - Korean Religions and Culture

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
358R

**Teaching Area**
KOREA

**Course Title**
Korean Religions and Culture

**Course Description**
Survey of Korean religious traditions, including Buddhism, Confucianism, Shamanism, Christianity, and New Religions. May be taught from different perspectives (focus on one tradition, historical time period, philosophy and thought, society, culture, literature, etc.). All readings in English translation.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Korea 345, Hist 337, Hist 338

**Title**
Korea 358R: Korean Religions and Culture

**Tags**
210988, 0, 1

**Learning Outcome**
Cultural Literacy: Students will be able to observe and interpret nuances of Korean religion through its language, history & practices.
Communicate Effectively: Students will be able to write coherent explanations and arguments with attention to the implications of language, and articulate and present messages effectively.
Synthesize Ideas: Students will be able to identify patterns of information, explain their

Students will gain experience discussing current events and human rights issues related to North Korea based on accurate information about North Korean culture.

implications, and develop and implement an appropriate research plan.

## KOREA 377 - Korean Language Teaching Methods

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
377

**Teaching Area**
KOREA

**Course Title**
Korean Language Teaching Methods

**Course Description**
Understanding diverse language teaching methods, strategies, theories, and issues. Teaching other Korea 377 students. Teaching in a real Korean language classroom. Evaluating teaching. Preparing interactive lesson plans and measures of assessment.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
Korea 201

| Title | Tags |
|---|---|
| Application | 189685, 1 |

**Learning Outcome**
Students will demonstrate their understanding of teaching methods for the Korean Language.

## KOREA 399R - Academic Internship

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
399R

**Teaching Area**
KOREA

**Course Title**
Academic Internship

**Course Description**
On-the-job cultural and language experience.

**Department**
Asian & Near Eastern Lang

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
9

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Korea 301; instructor's consent

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| In a variety of settings (business, government or education) | 189486, 1 |

**Learning Outcome**
Students will have hands-on, practical experience in which they will use the language daily and learn and respect the culture of Korea.

## KOREA 401 - Fourth-Year Korean 1

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
401

**Teaching Area**
KOREA

## KOREA 402 - Fourth-Year Korean 2

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
402

**Teaching Area**
KOREA

KOREA
**Course Title**
Fourth-Year Korean 1
**Course Description**
Advanced language preparation in reading, discourse, writing, and hanja.
**Department**
Asian & Near Eastern Lang
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KOREA 302 - Third-Year Korean 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Fourth-year Korean | 189487, 1 |

**Learning Outcome**
Students will expand their vocabularies as the work on reading and writing skills primarily.
Speaking and listening skills, while assumed to be strong at this level, will also be improved by listening to authentic language production from news media and dramatic presentations.

## KOREA 441 - Classical Korean (Hanmun)

KOREA
**Course Title**
Fourth-Year Korean 2
**Course Description**
Continuation of Korea 401. Advanced reading, discourse, writing, and hanja.
**Department**
Asian & Near Eastern Lang
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KOREA 401 - Fourth-Year Korean 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Fourth-year Korean | 189488, 1 |

**Learning Outcome**
Students will expand their vocabularies as the work on reading and writing skills primarily.
Speaking and listening skills, while assumed to be strong at this level, will also be improved by listening to authentic language production from news media and dramatic presentations.

## KOREA 443 - Korean Literature after 1900

## Course Information

**Teaching Area (new)**
KOREA

**Course Number**
441

**Teaching Area**
KOREA

**Course Title**
Classical Korean (Hanmun)

**Course Description**
Reading of premodern, documentary Sino-Korean texts, including genealogy records and the Chosŏn Dynasty Annals.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- KOREA 321 - Selected Readings of Modern Korean

Prerequisites

**Complete ALL of the following Courses:**
- CHIN 441 - Classical and Literary Chinese

**Additional Comments:**

**Title**
Korea 441: Classical Korean (Hanmun)

**Tags**
210989, 0, 1

**Learning Outcome**
Read Sinographs in Context: Students will develop the ability to recognize and read Sinographs

## Course Information

**Teaching Area (new)**
KOREA

**Course Number**
443

**Teaching Area**
KOREA

**Course Title**
Korean Literature after 1900

**Course Description**
Literary texts from major post-1900 authors, in Korean, emphasizing reading, translating, and criticism.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- KOREA 302 - Third-Year Korean 2

**Additional Comments:**

**Title**
Korea 443: Korean Literature since 1900

**Tags**
210990, 0, 1

**Learning Outcome**
Cultural Literacy: Students will learn to observe and interpret the nuances of a culture through its language, history, traditions & practices. Students will be exposed to some of the most famous Korean essays, poems, and short stories of the 20th and 21st centuries.
Language Proficiency: Students will develop their skills in

(Chinese characters) in context.
Navigate Through Reference Works: Students will learn to navigate through several kinds of reference works and other Korean language resources.
Read College-level Texts and Essays: Students will develop skills in reading college-level texts and scholarly essays in Korean.
Translate into English with Fidelity: Students will learn to translate in a way that both maintains fidelity to the original text and results in natural, quality English in the final revision.

speaking, reading, and writing Korean
Communicate Effectively: Students will learn to write coherent explanations and arguments with attention to the implications of language.

## KOREA 490R - Individual Study in Korean

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
490R

**Teaching Area**
KOREA

**Course Title**
Individual Study in Korean

**Course Description**
Individual assignments appropriate to needs of advanced students.

**Department**
Asian & Near Eastern Lang

**When Taught**
All Semesters/Terms

**Credit Hours**

Min
0.5

Fixed
3

**Lab Hours**

Fixed
0

**Other Prerequisites**
Instructor's consent

## KOREA 491 - Senior Proficiency Evaluation

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
491

**Teaching Area**
KOREA

**Course Title**
Senior Proficiency Evaluation

**Course Description**
Course meets only once to provide information on the Oral Proficiency Interview and Writing Proficiency Test, required of all majors and minors.

**Department**
Asian & Near Eastern Lang

**When Taught**
All Semesters/Terms

**Credit Hours**

Min
0

Fixed
0

**Lecture Hours**

Fixed
1

**Lab Hours**

Fixed
0

**Note**
No major or minor credit.

## KOREA 495 - Senior Seminar

### Course Information

**Teaching Area (new)**
KOREA

**Course Number**
495

**Teaching Area**
KOREA

**Course Title**
Senior Seminar

**Course Description**
Individual research, with seminar paper the primary objective.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

**Credit Hours**

## LAO 100 - Language Study: Lao

### Course Information

**Teaching Area (new)**
LAO

**Course Number**
100

**Teaching Area**
LAO

**Course Title**
Language Study: Lao

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Laotian.

**Department**
Language Studies

**When Taught**
Contact Department

**Credit Hours**

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Note
Required for Korean majors.

| Title | Tags |
| --- | --- |
| Senior seminar | 189492, 1 |

Learning Outcome
Students will present their finest research and writing. In some cases they will develop a paper written earlier in their career; in other cases, they will start afresh - but the outcome will be a publishable (or near-publishable) piece of excellence in writing and research.

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 196652, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 196654, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196656, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

## LAO 101 - First-Year Language Study: Lao

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAO | 101 |

Teaching Area
LAO
Course Title
First-Year Language Study: Lao
Course Description
Beginning speaking, listening, reading, and writing skills in Laotian.
Department
Language Studies

## LAO 102 - First-Year Language Study: Lao

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAO | 102 |

Teaching Area
LAO
Course Title
First-Year Language Study: Lao
Course Description
Second-semester speaking, listening, reading, and writing skills in Laotian.
Department

When Taught
Contact Department

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 196666, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196668, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196669, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196671, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Language Studies
When Taught
Contact Department

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LAO 101 - First-Year Language Study: Lao

Additional Comments:

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 196672, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196673, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196674, 3 |

Learning Outcome
In the target language, write

In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196675, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## LAO 201 - Second-Year Language Study: Lao

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAO | 201 |

**Teaching Area**
LAO
**Course Title**
Second-Year Language Study: Lao
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Laotian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LAO 102 - First-Year Language Study: Lao

## LAO 202 - Second-Year Language Study: Lao

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAO | 202 |

**Teaching Area**
LAO
**Course Title**
Second-Year Language Study: Lao
**Course Description**
Continued emphasis on Laotian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197081, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197085, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197095, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 197097, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

- LAO 201 - Second-Year Language Study: Lao

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197102, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197107, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197112, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197114, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## LAO 305 - Language Skills Development: Lao

### Course Information

**Teaching Area (new)**
LAO

**Course Number**
305

**Teaching Area**
LAO

**Course Title**
Language Skills Development: Lao

**Course Description**
Increasing proficiency in one or more of the following Laotian language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197131, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197132, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197133, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the

## LAO 321 - Advanced Grammar: Lao

### Course Information

**Teaching Area (new)**
LAO

**Course Number**
321

**Teaching Area**
LAO

**Course Title**
Advanced Grammar: Lao

**Course Description**
Systematic review of grammar and syntax of Laotian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LAO 202 - Second-Year Language Study: Lao

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197134, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197135, 2 |

**Learning Outcome**

special purpose.

Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197136, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## LAO 330 - Advanced Language Proficiency Through Cultural Studies: Lao

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAO | 330 |

**Teaching Area**
LAO
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Lao
**Course Description**
Study of Laotian culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Lao 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by

## LAO 340 - Introduction to Literature: Lao

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAO | 340 |

**Teaching Area**
LAO
**Course Title**
Introduction to Literature: Lao
**Course Description**
Advanced study of Laotian literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 197170, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 197172, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197174, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197177, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Complete ALL of the following Courses:**

- LAO 330 - Advanced Language Proficiency Through Cultural Studies: Lao

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 197182, 1 |

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 197364, 2 |

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 197366, 3 |

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197368, 4 |

Learning Outcome
Improve target-language reading, writing, and speaking skills.

## LAO 350 - Advanced Language Study for Career Purposes: Lao

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAO | 350 |

Teaching Area
LAO

## LATIN 101 - First-Year Latin (First Semester)

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATIN | 101 |

Teaching Area
LATIN
Course Title

LAO
**Course Title**
Advanced Language Study for Career Purposes: Lao
**Course Description**
Concentration on Laotian language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LAO 330 - Advanced Language Proficiency Through Cultural Studies: Lao

**Additional Comments:**

| Title | Tags |
|---|---|
| Culture | 213960, 0, 1, 2023-08-29 09:51:36 |

**Learning Outcome**
Evaluate and contextualize a significant component of the Lao culture.

| Title | Tags |
|---|---|
| Research | 213961, 0, 2, 2023-08-29 09:51:38 |

**Learning Outcome**
Produce a research-based project written in the target language, addressing an issue in the student's academic/professional area of interest. Students can choose the most relevant genre for their career.

First-Year Latin (First Semester)
**Course Description**
Fundamentals of Classical Latin grammar, syntax, and vocabulary.
**Department**
Comparative Arts &Letters
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Reading Latin | 189935, 2 |

**Learning Outcome**
Successful students will be able to read Latin at an elementary level with a high degree of understanding.

| Title | Tags |
|---|---|
| Basic Forms, Grammar, and Vocabulary | 189936, 4 |

**Learning Outcome**
Successful students will have command of basic forms, grammatical structures, and vocabulary of Classical Latin.

| Title | Tags |
| --- | --- |
| Professional Speaking | 213962, 0, 3, 2023-08-29 09:51:40 |

**Learning Outcome**
Create a persuasive or informative professional talk in the target language, dealing with an issue or need in the student's academic/professional area of interest or career.

## LATIN 102 - First-Year Latin (Second Semester)

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATIN | 102 |

**Teaching Area**
LATIN
**Course Title**
First-Year Latin (Second Semester)
**Course Description**
Fundamentals of Classical Latin grammar, syntax, and vocabulary.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LATIN 101 - First-Year Latin (First Semester)

## LATIN 111 - Beginning Latin Accelerated

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATIN | 111 |

**Teaching Area**
LATIN
**Course Title**
Beginning Latin Accelerated
**Course Description**
Equivalent of combined Latin 101, 102.
**Department**
Comparative Arts &Letters
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
5

**Fixed**
5

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Note**
Prepares students for Latin 201.

| Title | Tags |
| --- | --- |
| Basic Forms, Grammatical Structures, and Vocabulary | 189939, 1 |

**Learning Outcome**
Successful students will have command of all basic forms, grammatical structures, and

**Additional Comments:**

**Other Prerequisites**
or departmental approval.

| Title | Tags |
|---|---|
| Reading | 189937, 3 |

**Learning Outcome**
Successful students will be able to read Classical Latin at an elementary level with a high degree of understanding.

| Title | Tags |
|---|---|
| Basic Forms, Grammar, and Vocabulary | 189938, 1 |

**Learning Outcome**
Successful students will have command of all basic forms, grammatical structures, and vocabulary of Classical Latin.

basic vocabulary of Classical Latin.

| Title | Tags |
|---|---|
| Reading | 189940, 2 |

**Learning Outcome**
Successful students will be able to read Classical Latin at an elementary level with a high degree of understanding.

## LATIN 121 - Latin for Genealogists

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| LATIN | 121 |

**Teaching Area**
LATIN
**Course Title**
Latin for Genealogists
**Course Description**
Fundamentals of Latin emphasizing its use in documentary records.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

## LATIN 123 - Premedical Latin and Greek

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| LATIN | 123 |

**Teaching Area**
LATIN
**Course Title**
Premedical Latin and Greek
**Course Description**
Introduction to the Latin and Greek roots of modern medical terminology.
**Department**
Comparative Arts &Letters
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

0

| Title | Tags |
| --- | --- |
| Basic Understanding of Records | 190674, 2 |

**Learning Outcome**
Successful students will develop a basic understanding of the organization, structure, and content of parish, notarial, and other records of interest to genealogists, family historians, and archivists.

| Title | Tags |
| --- | --- |
| Reading Latin | 190675, 1 |

**Learning Outcome**
Successful students will develop a reading knowledge of simple Latin prose found in parish, notarial, and other records of interest to genealogists, family historians, and archivists.

**Fixed**
0

**Note**
For premedical and predental students and students in the physical and natural sciences (usually taught in the evening).

| Title | Tags |
| --- | --- |
| Basic Vocabulary | 190324, 1 |

**Learning Outcome**
Successful students will understand the Latin and Greek roots of modern medical terminology and demostrate that undestanding in examinations.Latin 123 is a service course, provided for pre-med students and not a course that contributes to program-level outcomes of the Classical Studies major. No link to program outcomes is provided.

| Title | Tags |
| --- | --- |
| Basic Texts | 190465, 0 |

**Learning Outcome**
Successful students will demonstrate a familiarity with the basic texts of ancient medical writings.Latin 123 is a service course, provided for pre-med students and not a course that contributes to the program-level outcomes of the Classical Studiens majors. No link to program outcomes is provided.

## LATIN 201 - Intermediate Latin

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATIN | 201 |

**Teaching Area**
LATIN
**Course Title**
Intermediate Latin
**Course Description**
Readings from Caesar, with a review and continuation of grammar.
**Department**
Comparative Arts &Letters
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

## LATIN 301 - Classical Latin Poetry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATIN | 301 |

**Teaching Area**
LATIN
**Course Title**
Classical Latin Poetry
**Course Description**
Selections from Vergil's *Aeneid* and Ovid's *Metamorphoses*.
**Department**
Comparative Arts &Letters
**When Taught**
Winter

### Credit Hours

**Min**
3

Fixed
4

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 102 - First-Year Latin (Second Semester)

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 111 - Beginning Latin Accelerated

**Additional Comments:**

**Other Prerequisites**
or departmental approval.

| Title | Tags |
| --- | --- |
| Locating Literary Accomplishments | 189942, 2 |

**Learning Outcome**
Successful students should be able to locate the literary accomplishments of the chosen author (such as Julius Caesar) in the context of Roman literature generally and of his own literary context specifically.

| Title | Tags |
| --- | --- |
| Translating Classical Latin into English | 189944, 6 |

**Learning Outcome**
Successful students should be able to translate a representative Classical Latin text into good English.

| Title | Tags |
| --- | --- |

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 201 - Intermediate Latin

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Grammar, Syntax, and Meter of Classical Latin Poetry | 189946, 2 |

**Learning Outcome**
Successful students will acquire a foundation in the grammar and syntax of Classical Latin poetry. They will also acquire a basic knowledge of the principles of scanning Latin verse. Vergil's Aeneid and Ovid's Metamorphoses are regularly chosen as examples.

| Title | Tags |
| --- | --- |
| Morphology of Classical Latin Poetry | 189947, 4 |

**Learning Outcome**
Successful students will master the morphology of Classical Latin poetry. Students should be able to identify fully the forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, participles, etc.

| Title | Tags |
| --- | --- |
| Translation of Latin Poetic Text | 189948, 6 |

**Learning Outcome**
Successful students should be able to translate a Latin poetic text into good English.

| Title | Tags |
| --- | --- |
| Latin Morphology | 189945, 1 |

**Learning Outcome**
Successful students will master Latin morphology. All of the forms introduced in Latin 101/102 or Latin 111 should be mastered in Latin 201. Students should be able to identify fully the forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, gerunds, gerundives, etc.

| Title | Tags |
| --- | --- |
| Grammar and Syntax | 189943, 0, 4 |

**Learning Outcome**
Successful students should master Latin grammar and syntax. They should be able to recognize and identify grammatical and syntactical constructions. In other words, students should be able not only to identify the form of a Latin word, but also the function of that word. For example, a student should be able to identify a verb form as "third person singular present active subjunctive," and then explain why the subjunctive mood is being used.

| Title | Tags |
| --- | --- |
| Locating Literary Accomplishments | 189949, 8 |

**Learning Outcome**
Successful students should be able to locate the literary accomplishments of the chosen author (such as Vergil or Ovid) in the context of Latin literature generally and of his own literary context specifically.

## LATIN 302 - Classical Latin Prose

### Course Information

**Teaching Area (new)**
LATIN
**Course Number**
302
**Teaching Area**
LATIN
**Course Title**
Classical Latin Prose
**Course Description**
Readings in Cicero's Catilinarian orations and Sallust's *Catiline*.
**Department**
Comparative Arts &Letters
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

## LATIN 377 - Secondary Teaching Procedures

### Course Information

**Teaching Area (new)**
LATIN
**Course Number**
377
**Teaching Area**
LATIN
**Course Title**
Secondary Teaching Procedures
**Course Description**
Skills mastery, hearing, speaking, reading, writing, and identification of teacher-pupil activities required for conceptual learning. Lectures, demonstrations, and application of linguistic techniques to practical classroom requirements.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**

Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 201 - Intermediate Latin

**Additional Comments:**

| Title | Tags |
|---|---|
| Grammar, Syntax, and Rhetoric | 189950, 3 |

**Learning Outcome**
Successful students should master Latin grammar and syntax and begin to master Latin rhetoric. While they should be able to recognize and identify grammatical and syntactical constructions--a practice already refined in Latin 201, they should also be able to recognize and identify rhetorical devices employed by the author(s) being read and begin to understand the effect of those devices as employed.

| Title | Tags |
|---|---|
| Latin Morphology | 189951, 2 |

**Learning Outcome**
Successful students will refine their mastery of Classical Latin morphology. Students will be able to identify fully the forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, participles, etc.

| Title | Tags |
|---|---|
| Translation of Complex Latin Prose | 189952, 6 |

**Learning Outcome**
Successful students should be able to translate a complex Latin prose text into good English.

3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 301 - Classical Latin Poetry
  **AND** SC ED 276R - Exploration of Teaching: English

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 302 - Classical Latin Prose
  **AND** SC ED 276R - Exploration of Teaching: English

**Additional Comments:**

| Title | Tags |
|---|---|
| Evaluation of Textbooks | 190251, 1 |

**Learning Outcome**
Students in 377 will learn how to evaluate different elementary Latin textbooks.

| Title | Tags |
|---|---|
| Bibliography | 190386, 0 |

**Learning Outcome**
Students in 377 will assemble an annotated bibliography of Latin teaching practises.

| Title | Tags |
|---|---|
| Latin Reading and Composition | 190405, 4 |

**Learning Outcome**
Students in 377 will demonstrate at the end of the semester that they can write and read Latin at the level of an advanced undergraduate.

| Title | Tags |
| --- | --- |
| Place in Literary History | 189953, 8 |

**Learning Outcome**
Successful students should be able to locate the literary accomplishments of the chosen author(s) (such as Cicero and Sallust) in the context of Latin literature generally and of their own literary context specifically.

| Title | Tags |
| --- | --- |
| Analyzing Pedagogical Methods | 190413, 3 |

**Learning Outcome**
Students in 377 will visit a variety of foreign language classrooms and learn to analyze pedagogical method.

| Title | Tags |
| --- | --- |
| Using Assessment Tools | 190600, 2 |

**Learning Outcome**
Students in 377 will learn how to put into practice various types of assessment tools (quizzes, exams, spot-checks, feedback, etc.) to evaluate student learning.

## LATIN 378 - Practicum in Teaching Latin

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATIN | 378 |

**Teaching Area**
LATIN
**Course Title**
Practicum in Teaching Latin
**Course Description**
Applying methods learned in Latin 377 in the classroom.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**

## LATIN 401 - Latin Prose Composition

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATIN | 401 |

**Teaching Area**
LATIN
**Course Title**
Latin Prose Composition
**Course Description**
Advanced review of Classical Latin Grammar, Syntax, and Rhetoric through Latin prose composition.
**Department**
Comparative Arts &Letters
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

Latin 377 or concurrent enrollment

| Title | Tags |
| --- | --- |
| Latin Teaching | 190343, 0 |

**Learning Outcome**
By attending, observing, and actively assisting in another teachers' Latin classes, students in 378 will sharpen skills in Latin pedagogy.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 302 - Classical Latin Prose

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Reading Comprehension and Stylistic Awareness | 190007, 1 |

**Learning Outcome**
Successful students will be able to read Latin prose literature with a high degree of understanding and with stylistic awareness.

| Title | Tags |
| --- | --- |
| Critical Theory | 190008, 3 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical theory, with specific reference to Latin texts.

| Title | Tags |
| --- | --- |
| Text Evaluation | 190009, 7 |

**Learning Outcome**
Successful students will be able to evaluate texts through a close reading in the original language.

| Title | Tags |
| --- | --- |
| Latin Composition, Grammar, and Style | 190010, 9 |

**Learning Outcome**
Successful students will be able to compose grammatically correct and stylistically appropriate Latin prose with proficiency.

| Title | Tags |
| --- | --- |
| Classical and Late Latin Literary History | 190278, 4 |

**Learning Outcome**
Successful students will

understand the literary history of Classical and later Latin prose literature.

## LATIN 411R - Latin Vulgate and Early Christian Latin Texts

### Course Information

**Teaching Area (new)**
LATIN

**Course Number**
411R

**Teaching Area**
LATIN

**Course Title**
Latin Vulgate and Early Christian Latin Texts

**Course Description**
Topics include Latin Vulgate and selections from other early Christian Latin texts.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 302 - Classical Latin Prose

**Additional Comments:**

**Title**
Grammar, Syntax, and Vocabulary

**Tags**
189954, 1

**Learning Outcome**

## LATIN 430 - Livy

### Course Information

**Teaching Area (new)**
LATIN

**Course Number**
430

**Teaching Area**
LATIN

**Course Title**
Livy

**Course Description**
Selections from Livy's *Ab Urbe Condita*.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 302 - Classical Latin Prose

**Additional Comments:**

**Title**
Reading Latin

**Tags**
189959, 1

**Learning Outcome**
By approaching the text of Livy successful students will learn techniques of reading Latin prose

Successful students will master the forms, syntax, and substantial vocabulary of the Latin of the Vulgate and/or other contemporary Christian texts.

**Title**
Reading the Latin Vulgate and other Christian Texts

**Tags**
189955, 2

**Learning Outcome**
Successful students will learn techniques for reading the Latin vulgate and other Latin Christian texts with subtlety and precision.

**Title**
Critical Method

**Tags**
189956, 3

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method, with specific reference to the Latin Vulgate and related texts.

**Title**
Literary History and Context

**Tags**
189957, 4

**Learning Outcome**
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

**Title**
Evaluation of Texts

**Tags**
189958, 7

**Learning Outcome**
Successful students will evaluate texts through close reading in the original language and express this in examinations and essays.

literature with subtlety, precision, and a high degree of understanding.

**Title**
Critical Method

**Tags**
189960, 2

**Learning Outcome**
Successful students will understand and apply principles and practice of critical theory, with specific reference to the texts of Livy.

**Title**
Literary History

**Tags**
189961, 4

**Learning Outcome**
Successful students will understand the place of Livy in the literary history of Classical antiquity, locating him and his work in the larger context of politcal and cultural history.

**Title**
Close Reading in Original Language

**Tags**
189962, 6

**Learning Outcome**
Successful students will intelligently evaluate the text of Livy through close reading in the original langauge and express this in examinations and essays.

## LATIN 431 - Vergil

### Course Information

**Teaching Area (new)**
LATIN

**Course Number**
431

**Teaching Area**
LATIN

**Course Title**
Vergil

**Course Description**

## LATIN 432 - Ovid

### Course Information

**Teaching Area (new)**
LATIN

**Course Number**
432

**Teaching Area**
LATIN

**Course Title**
Ovid

**Course Description**

**Course Description**
In-depth study of Vergil's poetry.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 301 - Classical Latin Poetry

**Additional Comments:**

| Title | Tags |
|---|---|
| Reading Latin | 189963, 1 |

**Learning Outcome**
By approaching the texts of Vergil, successful students will learn techniques of reading Latin poetic literature with subtlety and precision.

| Title | Tags |
|---|---|
| Critical Method | 189964, 2 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Vergil.

| Title | Tags |
|---|---|
| Literary History | 189965, 3 |

**Course Description**
In-depth study of Ovid's poetry.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 301 - Classical Latin Poetry

**Additional Comments:**

| Title | Tags |
|---|---|
| Reading Latin with Understanding | 189967, 1 |

**Learning Outcome**
By approaching the texts of Ovid, successful students will learn techniques of reading Latin poetic literature with subtlety and precision.

| Title | Tags |
|---|---|
| Critical Method | 189968, 3 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Ovid.

| Title | Tags |
|---|---|

Learning Outcome
Successful students will understand the place of Vergil in the literary history of Classical Literature, locating him in the larger context of political and cultural history.

Title
Close Reading in Original Language

Tags
189966, 6

Learning Outcome
Successful students will intelligently evaluate texts of Vergil through close reading in the original language and express this in examinations and essays.

Literary History

Tags
189969, 5

Learning Outcome
Successful students will understand the place of Ovid in the history of Classical Literature, locating him in the larger context of political and cultural history.

Title
Close Reading in Original Language

Tags
189970, 7

Learning Outcome
Successful students will evaluate texts of Ovid through close reading in the original language and express their understanding in examinations and essays.

## LATIN 433 - Cicero

### Course Information

Teaching Area (new)
LATIN

Course Number
433

Teaching Area
LATIN

Course Title
Cicero

Course Description
Selections from the works of Cicero.

Department
Comparative Arts &Letters

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites

## LATIN 434 - Plautus and Terence

### Course Information

Teaching Area (new)
LATIN

Course Number
434

Teaching Area
LATIN

Course Title
Plautus and Terence

Course Description
In-depth study of the comedies of Plautus and/or Terence.

Department
Comparative Arts &Letters

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 302 - Classical Latin Prose

**Additional Comments:**

**Title**
Close Reading in Original Language

**Tags**
189971, 1

**Learning Outcome**
Successful students will evaluate texts of Cicero through close reading in the original language and express their understanding in examinations and essays.

**Title**
Reading Latin with Understanding

**Tags**
189972, 2

**Learning Outcome**
By approaching the texts of Cicero, successful students will learn techniques of reading Latin prose literature with subtlety and precision.

**Title**
Critical Method

**Tags**
189973, 3

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Cicero.

**Title**
Literary History

**Tags**
189974, 4

**Learning Outcome**
Students will understand the place of Cicero in the literary history of Classical antiquity, locating him in the larger context of political and cultural history.

## LATIN 435 - Catullus

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 301 - Classical Latin Poetry

**Additional Comments:**

**Title**
Close Reading in Original Language

**Tags**
189975, 1

**Learning Outcome**
Successful students will evaluate texts of Plautus and Terence through close reading in the original language and express their understanding in examinations and essays.

**Title**
Reading Latin with Understanding

**Tags**
189976, 2

**Learning Outcome**
By approaching the texts of Plautus and Terence successful students will learn techniques of reading Latin verse literature with subtlety and precision.

**Title**
Critical Method

**Tags**
189977, 3

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Plautus and Terence.

**Title**
Literary History

**Tags**
189978, 4

**Learning Outcome**
Successful students will understand the place of Plautus and Terence in the literary history of Classical antiquity, locating them in the larger context of political and cultural history.

## LATIN 436 - Tragedy and Epic of the Early

## Course Information

**Teaching Area (new)**
LATIN

**Course Number**
435

**Teaching Area**
LATIN

**Course Title**
Catullus

**Course Description**
In-depth study of the poetry of Catullus.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 301 - Classical Latin Poetry

**Additional Comments:**

**Title**
Reading Latin

**Tags**
190665, 1

**Learning Outcome**
By approaching the texts of Catullus, successful students will learn techniques of reading Latin poetic literature with subtlety and precision

**Title**
Critical Method

**Tags**
190666, 2

**Learning Outcome**
Successful students will understand and apply principles

# Empire

## Course Information

**Teaching Area (new)**
LATIN

**Course Number**
436

**Teaching Area**
LATIN

**Course Title**
Tragedy and Epic of the Early Empire

**Course Description**
Selections from Seneca, Lucan, and the Flavian epic poets.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 301 - Classical Latin Poetry

**Additional Comments:**

**Title**
Close Reading in Original Language

**Tags**
189979, 1

**Learning Outcome**
Successful students will evaluate tragedy and epic of the Early Roman Empire through close reading in the original language and express their understanding in examinations and essays.

**Title**
Reading Latin with

**Tags**

understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Catullus.

| Title | Tags |
| --- | --- |
| Literary History | 190667, 3 |

**Learning Outcome**
Successful students will understand the place of Catullus in the literary history of Classical Literature, locating him in the larger context of political and cultural history.

| Title | Tags |
| --- | --- |
| Close Reading in the Original Language | 190668, 4 |

**Learning Outcome**
Successful students will intelligently evaluate texts of Catullus through close reading in the original language and express this in examinations and essays.

| | |
| --- | --- |
| Understanding | 189980, 2 |

**Learning Outcome**
By approaching tragedy and epic of the Early Roman Empire, successful students will learn techniques of reading Latin verse literature with subtlety and precision.

| Title | Tags |
| --- | --- |
| Critical Method | 189981, 3 |

**Learning Outcome**
Students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the tragedies and epics of the Early Roman Empire.

| Title | Tags |
| --- | --- |
| Literary History | 189982, 4 |

**Learning Outcome**
Students will understand the place of tragedy and epic of the Early Roman Empire in the literary history of Classical literature, locating them in the larger context of political and cultural history.

## LATIN 437 - The Latin Epistle

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATIN | 437 |

**Teaching Area**
LATIN
**Course Title**
The Latin Epistle
**Course Description**
Letters of Cicero, Seneca, Pliny, and the later tradition.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## LATIN 438 - Horace

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATIN | 438 |

**Teaching Area**
LATIN
**Course Title**
Horace
**Course Description**
In-depth study of the poetry of Horace.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 302 - Classical Latin Prose

**Additional Comments:**

**Title**
Close Reading in Original Language

**Tags**
189983, 1

**Learning Outcome**
Successful students will evaluate letters of Cicero, Seneca, Pliny, and later authors in the original language and express their understanding in examinations and essays.

**Title**
Reading Latin with Understanding

**Tags**
189984, 2

**Learning Outcome**
By approaching a variety of Latin epistles successful students will learn techniques of reading Latin prose literature with subtlety and precision.

**Title**
Critical Method

**Tags**
189985, 5

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the Latin epistolary tradition.

**Title**
Literary History

**Tags**
189986, 7

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 301 - Classical Latin Poetry

**Additional Comments:**

**Title**
Close Reading in Original Language

**Tags**
189987, 1

**Learning Outcome**
Successful students will evaluate texts of Horace in the original language and express their understanding in examinations and essays.

**Title**
Reading Latin with Understanding

**Tags**
189988, 2

**Learning Outcome**
By approaching texts of Horace successful students will learn techniques of reading Latin verse literature with subtlety and precision.

**Title**
Critical Method

**Tags**
189989, 3

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Horace.

**Title**
Literary History

**Tags**
189990, 4

**Learning Outcome**
Successful students will

| Learning Outcome |
| --- |
| Successful students will understand the place of the Latin epistle in the literary history of Classical antiquity, locating it in the larger context of political and cultural history. |

| Learning Outcome |
| --- |
| understand the place of Horace in the literary history of Classical antiquity, locating him in the larger context of political and cultural history. |

## LATIN 439 - Tacitus

### Course Information

**Teaching Area (new)**
LATIN

**Course Number**
439

**Teaching Area**
LATIN

**Course Title**
Tacitus

**Course Description**
In-depth study of the prose of Tacitus.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 302 - Classical Latin Prose

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Close Reading in Original Language | 190011, 1 |

## LATIN 440 - Roman Satire

### Course Information

**Teaching Area (new)**
LATIN

**Course Number**
440

**Teaching Area**
LATIN

**Course Title**
Roman Satire

**Course Description**
Selections from Horace, Petronius, and Juvenal.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATIN 301 - Classical Latin Poetry

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Close Reading in Original Language | 189991, 1 |

Learning Outcome
Successful students will intelligently evaluate texts of Tacitus in the original language and express their understanding in examinations and essays.

Title
Reading Latin with Understanding

Tags
190012, 2

Learning Outcome
By approaching texts of Tacitus successful students will learn techniques of reading Latin prose literature with subtlety and precision.

Title
Literary History

Tags
190013, 4

Learning Outcome
Successful students will understand the place of Tacitus in the literary history of Classical antiquity, locating him in the larger context of political and cultural history.

Title
Critical Method

Tags
190353, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to texts of Tacitus.

Learning Outcome
Successful students will intelligently evaluate selected texts of Horace, Petronius, and Juvenal in the original language and express their understanding in examinations and essays.

Title
Reading Latin with Understanding

Tags
189992, 2

Learning Outcome
By approaching texts of Horace, Petronius, and Juvenal successful students will learn techniques of reading Latin prose and verse literature with subtlety and precision.

Title
Critical Method

Tags
189993, 3

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to Roman satire.

Title
Literary History

Tags
189994, 4

Learning Outcome
Successful students will understand the place of Roman satire in the literary history of Classical antiquity, locating it in the larger context of political and cultural history.

## LATIN 441 - Medieval Latin

### Course Information

Teaching Area (new)
LATIN

Course Number
441

Teaching Area
LATIN

Course Title
Medieval Latin

Course Description
Study of particular periods (e.g., Carolingian renaissance, twelfth-century renaissance) or genres (e.g., historiography, epic, autobiography), or survey of medieval Latin.

Department
Comparative Arts &Letters

When Taught

## LATIN 477R - Secondary Minor Student Teaching

### Course Information

Teaching Area (new)
LATIN

Course Number
477R

Teaching Area
LATIN

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LATIN 301 - Classical Latin Poetry
  **AND** LATIN 302 - Classical Latin Prose

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Close Reading in Original Language | 189995, 1 |

**Learning Outcome**
Successful students will intelligently evaluate a variety of Medieval Latin texts in the original language and express their understanding in examinations and essays.

| Title | Tags |
| --- | --- |
| Reading Latin with Understanding | 189996, 2 |

**Learning Outcome**
By approaching a variety of Medieval Latin texts successful students will learn techniques of reading Latin prose and verse literature with subtlety and precision.

| Title | Tags |
| --- | --- |
| Critical Method | 189997, 3 |

Comparative Arts &Letters
**When Taught**
Fall, Winter, Spring

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

| Critical Method | 189997, 3 |
|---|---|

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to Medieval Latin texts.

| Title | Tags |
|---|---|
| Literary History | 189998, 4 |

**Learning Outcome**
Successful students will understand the place of a variety of Medieval Latin authors and texts in the literary history of Classical antiquity and the Middle Ages, locating them in the larger context of political and cultural history.

## LATIN 490R - Topics in Latin Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| LATIN | 490R |

**Teaching Area**
LATIN
**Course Title**
Topics in Latin Literature
**Course Description**
Topics vary.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|

## LATVI 100 - Language Study: Latvian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| LATVI | 100 |

**Teaching Area**
LATVI
**Course Title**
Language Study: Latvian
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Latvian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Reading Latin | 189999, 1 |

**Learning Outcome**
By approaching the texts of selected Latin authors successful students will learn techniques for reading Latin with subtlety and precision. The author(s) chosen for study will vary according to the preference of the faculty member teaching the course.

| Title | Tags |
| --- | --- |
| Critical Method | 190000, 2 |

**Learning Outcome**
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of selected Latin authors.

| Title | Tags |
| --- | --- |
| Literary History | 190001, 3 |

**Learning Outcome**
Successful students will understand the place of selected Latin authors in the literary history of Classical antiquity and locate them in the larger context of political and cultural history.

| Title | Tags |
| --- | --- |
| Close Reading in Original Language | 190002, 4 |

**Learning Outcome**
Successful students will intelligently evaluate texts of selected Latin authors through close reading in the original language and express this is examinations and essays.

| Title | Tags |
| --- | --- |
| Speaking | 197370, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197371, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197373, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## LATVI 101 - First-Year Latvian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATVI | 101 |

**Teaching Area**
LATVI
**Course Title**
First-Year Latvian
**Course Description**

## LATVI 102 - First-Year Latvian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATVI | 102 |

**Teaching Area**
LATVI
**Course Title**
First-Year Latvian
**Course Description**

Beginning speaking, listening, reading, and writing skills in Latvian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Foreign residence experience.

**Note**
Credit by examination only.

| Title | Tags |
|---|---|
| Comprehension | 193256, 2 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 193264, 1 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 193274, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Second-semester speaking, listening, reading, and writing skills in Latvian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATVI 101 - First-Year Latvian

**Additional Comments:**

**Note**
Credit by examination only. Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Speaking | 193290, 1 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Comprehension | 193299, 2 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193282, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Writing | 193307, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193316, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## LATVI 201 - Second-Year Latvian

### Course Information

**Teaching Area (new)**
LATVI
**Course Number**
201
**Teaching Area**
LATVI
**Course Title**
Second-Year Latvian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Latvian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## LATVI 202 - Second-Year Language Study: Latvian

### Course Information

**Teaching Area (new)**
LATVI
**Course Number**
202
**Teaching Area**
LATVI
**Course Title**
Second-Year Language Study: Latvian
**Course Description**
Continued emphasis on Latvian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

Prerequisites

**Complete ALL of the following Courses:**

- LATVI 102 - First-Year Latvian

**Additional Comments:**

**Note**
Credit by examination only. Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Vocabulary | 193324, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Elaboration | 193333, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Grammar | 193342, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 193351, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LATVI 201 - Second-Year Latvian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197384, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197387, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197389, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197392, 4 |

**Learning Outcome**
Complete Languages of Learning

and Global & Cultural Awareness
for General Education.

## LATVI 211R - Second-Year Conversation

### Course Information

**Teaching Area (new)**
LATVI

**Course Number**
211R

**Teaching Area**
LATVI

**Course Title**
Second-Year Conversation

**Course Description**
Intermediate listening comprehension and speaking skills in Latvian.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATVI 201 - Second-Year Latvian

**Additional Comments:**

**Note**
Credit by examination only. Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Conversation | 193361, 1 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

| Title | Tags |
|---|---|
| Survival Transactions | 193370, 2 |

**Learning Outcome**
Carry out "survival" transactions (shopping, getting directions

## LATVI 305 - Language Skills Development: Latvian

### Course Information

**Teaching Area (new)**
LATVI

**Course Number**
305

**Teaching Area**
LATVI

**Course Title**
Language Skills Development: Latvian

**Course Description**
Increasing proficiency in one or more of the following Latvian language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197408, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197411, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

(shopping, getting directions, ordering meals, etc.)

| Title | Tags |
| --- | --- |
| Pronunciation and Accuracy | 194893, 3 |

Learning Outcome
Be understood by native speakers accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197414, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

## LATVI 321 - Advanced Grammar: Latvian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATVI | 321 |

Teaching Area
LATVI
Course Title
Advanced Grammar: Latvian
Course Description
Systematic review of grammar and syntax of Latvian.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LATVI 202 - Second-Year Language Study: Latvian

**Additional Comments:**

## LATVI 330 - Cultural History of Latvia

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATVI | 330 |

Teaching Area
LATVI
Course Title
Cultural History of Latvia
Course Description
Study of Latvian culture using interpersonal, presentational, and interpretive skills in the target language.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
1

Other Prerequisites
Latvi 201 or foreign residence experience.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 193090, 2 |

Learning Outcome
Acquire background knowledge

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197419, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197420, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197423, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| Communication Skills | 193107, 0 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 193169, 1 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| General Education | 194903, 3 |

**Learning Outcome**
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements.

## LATVI 340 - Introduction to Literature: Latvian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATVI | 340 |

**Teaching Area**
LATVI
**Course Title**
Introduction to Literature: Latvian
**Course Description**

## LATVI 350 - Advanced Language Study for Career Purposes: Latvian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LATVI | 350 |

**Teaching Area**
LATVI
**Course Title**
Advanced Language Study for Career Purposes: Latvian
**Course Description**

Advanced study of Latvian literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATVI 330 - Cultural History of Latvia

**Additional Comments:**

| Title | Tags |
|---|---|
| Recognize and Analyze | 197428, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197430, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197431, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context

Concentration on Latvian language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LATVI 330 - Cultural History of Latvia

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197435, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197437, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 197439, 3 |

cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197433, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197441, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197442, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## LAW 505 - Torts

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAW | 505 |

**Teaching Area**
LAW
**Course Title**
Torts
**Course Description**
Study of the judicial process in civil actions for damages or equitable relief for physical, appropriational, and defamatory harms to personality, property, and relational interests, with some consideration of alternative reparation systems such as workers' compensation.
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

## LAW 510 - Contracts

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAW | 510 |

**Teaching Area**
LAW
**Course Title**
Contracts
**Course Description**
Examination of the promises enforced by law, and the nature of the protection given. Inquiry made into the formation, performance, and discharge of contracts; their assignment, termination, and modification; and the variety, scope, and limitations on remedies. Attention will be given to Article 2 of the Uniform Commercial Code.
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Other Prerequisites
Admission to law school

| Title | Tags |
| --- | --- |
| Rules and Standards | 200294, 1 |

Learning Outcome
Understand the distinction between bright line “rules” and more general “standards” like reasonableness.

| Title | Tags |
| --- | --- |
| Counter-arguments | 200349, 5 |

Learning Outcome
Develop greater ability to offer counter-arguments and dissect claims and assertions regarding a particular law or policy.

| Title | Tags |
| --- | --- |
| Critical Thinking | 200373, 7 |

Learning Outcome
Be able to think critically about competing approaches to compensating persons who suffer injuries in our society.

| Title | Tags |
| --- | --- |
| Reading Judicial Opinions | 200425, 0 |

Learning Outcome
Learn how to read judicial opinions with an eye on the relationship between a case’s procedural posture and its substantive outcome.

| Title | Tags |
| --- | --- |
| Common Legal Arguments | 200571, 3 |

Learning Outcome
Recognize common legal arguments such as efficiency, fairness, distributional, precedent, slippery slope, problematic incentives, etc.

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Other Prerequisites
Admission to law school
Note
For Law students only.

| Title | Tags |
| --- | --- |
| Contract Enforcement | 200260, 2 |

Learning Outcome
Students will be able to determine the steps necessary to enforce a contract.

| Title | Tags |
| --- | --- |
| Defenses | 200531, 5 |

Learning Outcome
Students will understand basic defenses to contract formation and enforcement and identify facts that support such defenses.

| Title | Tags |
| --- | --- |
| Equitable Remedy | 200586, 4 |

Learning Outcome
Students will understand how to obtain an equitable remedy or calculate damages.

| Title | Tags |
| --- | --- |
| Contract interpretation | 200645, 1 |

Learning Outcome
Students will be able to interpret a contract.

| Title | Tags |
| --- | --- |
| Breach of Contract | 200650, 3 |

Learning Outcome
Students will be able to recognize an anticipatory repudiation and a breach of contract.

| Title | Tags |
| --- | --- |
| Basic Understanding | 200626, 6 |

**Learning Outcome**
Gain a basic understanding of the law of torts (personal injury), including the basic elements of, and defenses to, intentional torts, negligence, and strict liability.

| Title | Tags |
| --- | --- |
| Roles | 200628, 2 |

**Learning Outcome**
Have a greater understanding of the relative roles of jury, trial court and appellate court, particularly including the distinction between questions of law and fact and the concept of a standard of review.

| Title | Tags |
| --- | --- |
| Differences | 200644, 4 |

**Learning Outcome**
Understand the difference between the common law, statutes, and constitutional law.

| Title | Tags |
| --- | --- |
| Enforceable Promise | 200673, 0 |

**Learning Outcome**
Students will be able to apply the legal requirements to create an enforceable promise based on:a. offer, acceptance, consideration, and satisfaction of the statute of frauds,b. promissory estoppel, orc. quasi-contract and moral obligation theories.

## LAW 515 - Civil Procedure

### Course Information

**Teaching Area (new)**
LAW
**Course Number**
515
**Teaching Area**
LAW
**Course Title**
Civil Procedure
**Course Description**
A basic study of the operation of courts, including an introduction to the organization of state and federal courts and relationships between them. Topics studied will include jurisdiction over persons, things, and subject matter; venue; the scope of litigation as to claims, defenses, and parties; pleading, pretrial motions, discovery, and pretrial conferences; trials and the functions of judges, juries, and lawyers; appeals and the role of appellate courts; and the enforcement and finality of judgments and decrees.
**When Taught**
Contact Department

### Credit Hours

**Min**
4

## LAW 520 - Property

### Course Information

**Teaching Area (new)**
LAW
**Course Number**
520
**Teaching Area**
LAW
**Course Title**
Property
**Course Description**
Inquiry into the nature of "property" and "ownership" of land and structures on land and the ways in which ownership may be established, restricted, transferred, and divided among various persons.
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

Fixed
4

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Other Prerequisites
Admission to law school

| Title | Tags |
| --- | --- |
| Legal Analysis and Reasoning | 200258, 1 |

Learning Outcome
Students will develop and in class will practice by class Socratic discussion and case briefing skills of good legal analysis, reasoning, problem solving, and advocacy.

| Title | Tags |
| --- | --- |
| Effective Communication | 200414, 3 |

Learning Outcome
Students will be able to communicate effectively regarding civil procedure issues orally (in class) and in writing (on the final exam and any possible short-report assignment).

| Title | Tags |
| --- | --- |
| Civil Procedure Issues | 200459, 4 |

Learning Outcome
Students will be able to recognize and address issues that arise in Civil Procedure that implicate relevant ethical, moral, and religious principles.

| Title | Tags |
| --- | --- |
| Basic Research | 200511, 2 |

Learning Outcome
Students will know how to perform basic research regarding issues concerning the Federal Rules of Civil Procedure.

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Other Prerequisites
Admission to law school

| Title | Tags |
| --- | --- |
| Perspectives | 200307, 6 |

Learning Outcome
Appreciate the significance of property law from various perspectives, including economic efficiency, underprivileged, and feminist perspectives.

| Title | Tags |
| --- | --- |
| Foundational Concepts | 200336, 0 |

Learning Outcome
Students will receive an introduction to the most foundational concepts in property law.

| Title | Tags |
| --- | --- |
| Case Interpretation | 200366, 3 |

Learning Outcome
Learn to interpret cases in a common law system.

| Title | Tags |
| --- | --- |
| Technical Rules | 200374, 7 |

Learning Outcome
Develop skills for applying technical rules of property transfer.

| Title | Tags |
| --- | --- |
| Legal Rules | 200481, 4 |

Learning Outcome
Learn to understand, formulate and question legal rules using public policy analysis.

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Fundamental Principles | 200562, 0 |

**Learning Outcome**
Students will understand the fundamental principles of American Civil Procedure including the rules, principles, and statutes governing the assertion of jurisdiction (subject matter jurisdiction and jurisdiction over the person or thing), the basic elements, principles and requirements of the Federal Rules of Civil Procedure (including pleadings, parties, motions, discovery, etc.), a few variations on or from those rules in state procedural practices, basic American principles of judgment recognition and judgment (primarily claim and issue preclusion rules), and the basic principles of the Erie doctrine regarding application of state laws and rules in federal court.

| Title | Tags |
| --- | --- |
| Dispute Resolution | 200592, 5 |

**Learning Outcome**
Students will understand the value and use of non-adversary alternative dispute resolution procedures and their integration with and use in resolving disputes concerning procedural rules, discovery, etc.

| Title | Tags |
| --- | --- |
| Lifelong Learning | 200647, 6 |

**Learning Outcome**
Students will increase their ability and desire to engage in lifelong learning and service in their application, practice and use of the rules of civil procedure.

| Analytical Skills | 200524, 1 |
| --- | --- |

**Learning Outcome**
Students will develop analytical skills required of law students and lawyers.

| Title | Tags |
| --- | --- |
| Prediction | 200594, 5 |

**Learning Outcome**
Develop ability to predict arguments and outcomes in scenarios where legal rules are not fully resolved.

| Title | Tags |
| --- | --- |
| Self-directed Learner | 200601, 2 |

**Learning Outcome**
Students will become self-directed learners of the law.

## LAW 525 - Criminal Law

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAW | 525 |

**Teaching Area**
LAW

## LAW 530 - Structures of the Constitution

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAW | 530 |

**Teaching Area**
LAW

**Course Title**
Criminal Law
**Course Description**
Problems in defining what conduct should be subjected to criminal penalties; the limitations of criminal law as a means for prevention and control of undesirable conduct.
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to law school.

| Title | Tags |
|---|---|
| Punishment | 200324, 0 |

**Learning Outcome**
Students will be able to understand and apply the various theories of punishment.

| Title | Tags |
|---|---|
| Penal Code & Common Law | 200357, 3 |

**Learning Outcome**
Students will be versed in the differences between the model penal code and thecommon law as they apply to various crimes.

| Title | Tags |
|---|---|
| Elements of a Crime | 200363, 1 |

**Learning Outcome**
Students will understand the elements that make up a crime, including mens rea and actus rea.

| Title | Tags |
|---|---|
| Statutory Application | 200428, 2 |

**Course Title**
Structures of the Constitution
**Course Description**
The Constitution`s distribution of sovereign power between the federal government and the states; its allocation of federal sovereign power among Congress, the president, and the judiciary.
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to law school

| Title | Tags |
|---|---|
| Theories of Constitutional Interpretation | 200443, 1 |

**Learning Outcome**
Students will appreciate the competing theories of constitutional interpretation.

| Title | Tags |
|---|---|
| Allocation of Governmental Authority | 200567, 0 |

**Learning Outcome**
Students will have a thorough understanding of the Constitution's allocation of governmental authority and of the powers and limitations of each of the three branches of government.

| Title | Tags |
|---|---|
| Principles of Federalism | 200642, 2 |

**Learning Outcome**
Students will be able to demonstrate knowledge of the principles of federalism and an understanding of the role of the

Learning Outcome
Students will have an ability to read statutory language from the model penal code and apply it to the facts of a given case.

States in our constitutional scheme.

## LAW 535 - Legislation and Regulation

### Course Information

Teaching Area (new)
LAW

Course Number
535

Teaching Area
LAW

Course Title
Legislation and Regulation

Course Description
Introduction to lawmaking in the modern statutory and administrative state. Examining the way Congress and administrative agencies adopt binding rules of law (statues and regulations, respectively) and the way the implementing institutions - courts and administrative agencies - interpret and apply these laws. Considering the theories and justifications behind modern legislative and regulatory behavior, the incentives that influence the behavior of various actors, and the legal rules that help structure the relationships among Congress, the agencies, and the courts.

When Taught
Winter

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Other Prerequisites
Admission to law school.

Title
Lawmaking

Tags
200371, 0

Learning Outcome
Students will gain an understanding of lawmaking in the modern statutory and administrative state.

## LAW 545 - Introduction to Legal Research and Writing

### Course Information

Teaching Area (new)
LAW

Course Number
545

Teaching Area
LAW

Course Title
Introduction to Legal Research and Writing

Course Description
Introduction to tools and techniques essential to law practice and legal scholarship: legal analysis, research using print sources, and objective writing. Student will write three predictive office memoranda based on library research and complete a series of legal research quizzes and a legal research final exam.

When Taught
Contact Department

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Other Prerequisites
Admission to law school

Note
For Law students ONLY.

Title
Fact Pattern

Tags
200382, 3

Learning Outcome
Identify legal issues and relevant facts from a fact pattern.

Title

Tags

| Title | Tags |
| --- | --- |
| Critique and Application | 200470, 2 |

**Learning Outcome**
Students will be able to critique and apply in practice all of the following: textualist and dynamic methods of interpretation; the major canons of construction; the practice of consulting legislative history; and the rules of judicial deference to agency interpretations.

| Title | Tags |
| --- | --- |
| Statutory Interpretation | 200542, 1 |

**Learning Outcome**
Students will be able to confidently identify the strongest arguments for a given interpretation of statutory language and describe the ways in which Congress and administrative agencies adopt binding rules of law and the ways in which implementing instituations interpret and apply these laws.

| Title | Tags |
| --- | --- |
| Reasoning | 200406, 2 |

**Learning Outcome**
Identify and articulate the reasoning behind a rule and its application as explained within a court opinion.

| Title | Tags |
| --- | --- |
| Research Skills | 200429, 0 |

**Learning Outcome**
Identify legal sources in various formats and understand how each contributes to legal research, devise a research strategy, and conduct effective, efficient, and thorough research

| Title | Tags |
| --- | --- |
| Citations | 200445, 6 |

**Learning Outcome**
Properly cite to a legal authority.

| Title | Tags |
| --- | --- |
| Communication | 200489, 5 |

**Learning Outcome**
Communicate in “plain English” to avoid legalese, unnecessary jargon, and other styles that call attention to the writing itself or in other ways obscure or detract attention from your meaning.

| Title | Tags |
| --- | --- |
| Legal Rules | 200557, 1 |

**Learning Outcome**
Identify legal rules and principles from a series of cases, synthesize the individual rules or principles into a complete rule, break the synthesized rule down into its component parts, and explain the relationship between them.

| Title | Tags |
| --- | --- |
| Write a Proof | 200665, 4 |

**Learning Outcome**
Write a complete and coherent proof of a conclusion of law that gives the reader the conclusion, states the rules that govern that conclusion, explains and analyzes those rules and shows

how they operate, and applies them to the facts of your case.

## LAW 546 - Introduction to Advocacy

### Course Information

**Teaching Area (new)**
LAW

**Course Number**
546

**Teaching Area**
LAW

**Course Title**
Introduction to Advocacy

**Course Description**
Focuses on appellate legal writing and oral advocacy. Student will prepare an appellate brief and orally argue the case. Also includes training for online legal databases and introduction to administrative law and legislative history research.

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LAW 545 - Introduction to Legal Research and Writing

**Additional Comments:**

**Other Prerequisites**
Admission to law school.

| Title | Tags |
|---|---|
| Fundamentals | 200342, 0 |

**Learning Outcome**
Students will learn the fundamentals of legal research,

## LAW 549 - Professional Seminar

### Course Information

**Teaching Area (new)**
LAW

**Course Number**
549

**Teaching Area**
LAW

**Course Title**
Professional Seminar

**Course Description**
Integrating religious and moral values into a model of legal professionalism; issues regarding legal education, the legal system, the practice of law, and the roles of lawyers.

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to law school

**Note**
For Law Students ONLY; limited enrollment size.

| Title | Tags |
|---|---|
| Religious and Moral Values | 200457, 3 |

**Learning Outcome**
Students will be able to integrate religious and moral values into legal work.

| Title | Tags |
|---|---|
| Professionalism | 200576, 1 |

**Learning Outcome**
Students will understand the concept of professionalism.

fundamentals of legal research, writing, and analysis, and will produce high quality legal documents, including an appellate brief, and revise your own and critique classmates' work.

| Title | Tags |
| --- | --- |
| Citations | 200350, 9 |

**Learning Outcome**
Properly cite to a legal authority.

| Title | Tags |
| --- | --- |
| Communication | 200375, 8 |

**Learning Outcome**
Communicate in "plain English" to avoid legalese, unnecessary jargon, and other styles that call attention to the writing itself or in other ways obscure or detract attention from your meaning.

| Title | Tags |
| --- | --- |
| Fact Statement | 200405, 11 |

**Learning Outcome**
Identify determinative, contextual, and coincidental facts from a fact pattern, and arrange the necessary facts into a logical and objective fact statement.

| Title | Tags |
| --- | --- |
| Legal Research | 200431, 2 |

**Learning Outcome**
Complete effective, efficient, and thorough legal research.

| Title | Tags |
| --- | --- |
| Legal rules | 200502, 1 |

**Learning Outcome**
Identify legal rules and principles from a series of cases, synthesize the individual rules or principles into a complete rule, break the synthesized rule down into its component parts, and explain the relationship between them.

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Roles of Lawyers | 200622, 2 |

**Learning Outcome**
Students will understand the roles of lawyers in society.

| Title | Tags |
| --- | --- |
| Process | 200676, 0 |

**Learning Outcome**
Students will be able to understand and explain the process of legal education

| Reasoning | 200520, 3 |
|---|---|

**Learning Outcome**
Identify and articulate the reasoning behind a rule and its application as explained within a court opinion.

| Title | Tags |
|---|---|
| Appellate Brief | 200547, 12 |

**Learning Outcome**
For the Appellate Brief thespecific learning outcomes are:to formulate a persuasive, critical legal theory limited to the legal and factual issues identified by the Court in its Orderto identify, understand, and apply the correct standard of appellate review in this caseto analyze and synthesize the relevant authority in light of the facts of the caseto criticize and synthesize the legal argument of the opposing side and to develop your argument in response to the opposing sideto devise and implement a coherent and effective research strategyto correctly attribute and cite legal authorityto demonstrate professional style, grammar, and organizationto edit another associate's work and receive critique of your own work

| Title | Tags |
|---|---|
| Oral Argument | 200575, 13 |

**Learning Outcome**
For the Oral Argument the specific learning outcomes are:to understand the process and procedure for an appellate oral argumentto know how to speak publicly so your judicial audience will understand.to develop analytical listening and observation skills.to be able to construct, organize, and deliver an effective appellate oral argumentto be able to answer questions from judges about the substance of the argument, underlying legal principles, and application to hypothetical fact scenarios

| Title | Tags |
|---|---|
| Strengths & Weaknesses | 200578, 10 |

Learning Outcome
Identify organizational, analytical, and communication strengths and weaknesses within another author's work.

| Title | Tags |
| --- | --- |
| Results | 200599, 6 |

Learning Outcome
Apply the reasoning drawn from precedent cases to the facts of your case to show your reader why and how that reasoning should lead to the same or a different result.

| Title | Tags |
| --- | --- |
| Analogies & Distinctions | 200615, 5 |

Learning Outcome
Draw meaningful analogies or make relevant distinctions between the facts of precedent cases and the facts of your client's case.

| Title | Tags |
| --- | --- |
| Conclusion of Law | 200633, 4 |

Learning Outcome
Write a complete and coherent proof of a conclusion of law that shows your reader the conclusion you predict, states the rules that govern that conclusion, explains and analyzes those rules and shows how they operate, and applies them to the facts of your case.

| Title | Tags |
| --- | --- |
| Legal Issues | 200666, 7 |

Learning Outcome
Identify legal issues from a fact pattern, and devise and implement a research strategy to locate authority you need to solve the problem.

## LAW 550 - Professional Development Lecture Series 1

### Course Information

## LAW 551 - Professional Development Lecture Series 2

### Course Information

**Teaching Area (new)**
LAW
**Course Number**
550
**Teaching Area**
LAW
**Course Title**
Professional Development Lecture Series 1
**Course Description**
This course is specifically designed to assist law students in determining which career path they want to pursue. Each session features a different practicing attorney who will discuss the nuts and bolts of practicing law in areas such as real estate, law office management, part-time employment options, tax, bankruptcy, international corporate law, alternative dispute resolution, family law,
**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to law school
**Note**
For Law students ONLY.

| Title | Tags |
|---|---|
| Introduction to Experts | 200274, 4 |

**Learning Outcome**
Students will be able to experts in their field and provided with the opportunity to interact with them.

| Title | Tags |
|---|---|
| Career Understanding | 200394, 3 |

**Learning Outcome**
Students will be able to understand and explain what a particular career involves in terms of day to day duties, and advantages or disadvantages.

| Title | Tags |
|---|---|
| Career Options | 200453, 0 |

**Teaching Area (new)**
LAW
**Course Number**
551
**Teaching Area**
LAW
**Course Title**
Professional Development Lecture Series 2
**Course Description**
This course is specifically designed to assist law students in determining which career path they want to pursue. Each session features a different practicing attorney who will discuss the nuts and bolts of practicing law in areas such as real estate, law office management, part-time employment options, tax, bankruptcy, international corporate law, alternative dispute resolution, family law,
**When Taught**
Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to law school

| Title | Tags |
|---|---|
| Skills Matching | 200300, 2 |

**Learning Outcome**
Students will be able to understand and explain whether their particular skills, talents, or personality traits would match with a particular career.

| Title | Tags |
|---|---|
| Career Options | 200439, 0 |

**Learning Outcome**
Students will be able to understand and explain the different career options available for JD graduates.

| Title | Tags |
|---|---|
| Career Requirements | 200492, 1 |

**Learning Outcome**

Career Options 200455, 0

Learning Outcome
Students will be able to understand and explain the different career options available for JD graduates.

| Title | Tags |
| --- | --- |
| Requirements | 200559, 1 |

Learning Outcome
Students will be able to understand and explain the requirements and recommended background needed for a specific career choice.

| Title | Tags |
| --- | --- |
| Skills Matching | 200563, 2 |

Learning Outcome
Students will be able to understand and explain whether their particular skills, talents, or personality traits would match with a particular career.

Students will be able to understand and explain the requirements and recommended background needed for a specific career choice.

| Title | Tags |
| --- | --- |
| Introduction to Experts | 200548, 4 |

Learning Outcome
Students will be introduced to experts in their field and provided with the opportunity to interact with them.

| Title | Tags |
| --- | --- |
| Career Understanding | 200630, 3 |

Learning Outcome
Students will be able to understand and explain what a particular career involves in terms of day to day duties, and advantages or disadvantages.

## LAW 552 - Professional Development Skills Training

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAW | 552 |

Teaching Area
LAW
Course Title
Professional Development Skills Training
Course Description
Looking for legal employment can be frustrating if you lack the tools for a successful job search. This course will help students to create resumés, business correspondence, and marketing plans; to understand ways to effectively interview and build a professional network; and to strategically incorporate technology and published resources in the job search.
When Taught
Fall

### Credit Hours

Min
0.5

Fixed
0.5

### Lecture Hours

## LAW 555 - 1L Skills Lab

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LAW | 555 |

Teaching Area
LAW
Course Title
1L Skills Lab
Course Description
Develop and refine a range of skills that will improve performance on law school exams, on the bar, and in the practice of law.
When Taught
Winter

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

Fixed
1

### Lab Hours

Fixed
0

Other Prerequisites
Admission to law school.
Note
For Law students ONLY.

| Title | Tags |
| --- | --- |
| Job Search Strategy | 200271, 2 |

Learning Outcome
Students will develop the skills to create and implement a job search strategy, including enhancing interviewing skills and creating professional marketing materials.

| Title | Tags |
| --- | --- |
| Successful Job Search | 200530, 0 |

Learning Outcome
Students will be able to understand, explain and utilize the tools to implement a successful job search.

| Title | Tags |
| --- | --- |
| Networking | 200539, 3 |

Learning Outcome
Students will develop networking skills through class instruction and by providing networking opportunities.

| Title | Tags |
| --- | --- |
| Career Path | 200573, 1 |

Learning Outcome
Students will be able to determine their career path, including self evaluation and career identification.

| Title | Tags |
| --- | --- |
| Professionalism | 200608, 4 |

Learning Outcome
Students will be able to understand, explain and utilize the tools that enhance

### Lab Hours

Fixed
1

Other Prerequisites
Application or invitation from the Associate Dean of Research and Academic Affairs, the Director of Academic Development, or the Associate Dean of Faculty and Curriculum. Fall semester of first-year law school coursework.

professionalism and develop professional etiquette skills.

## LAW 599R - Externship

### Course Information

**Teaching Area (new)**
LAW

**Course Number**
599R

**Teaching Area**
LAW

**Course Title**
Externship

**Course Description**
Students are able to earn one credit for each 50 hours of work performed in an approved externship.

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
1

**Fixed**
10

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LAW 545 - Introduction to Legal Research and Writing **AND** LAW 546 - Introduction to Advocacy

**Additional Comments:**

**Other Prerequisites**
First-year law courses

**Note**
An approved Internship Application is required before adding.

| Title | Tags |
|---|---|
| Externships | 200299, 0 |

**Learning Outcome**
Upon completing a term of uncompensated work in a public agency, court, or other law office, students will have improved their knowledge of law practice and will have enhanced their lawyering skills.

## LFSCI 101 - Life Sciences Seminar

### Course Information

**Teaching Area (new)**
LFSCI

**Course Number**
101

**Teaching Area**
LFSCI

**Course Title**
Life Sciences Seminar

**Course Description**
Services offered by the Life Sciences Advisement Center; choosing an appropriate major in the college.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Life Sciences Seminar | 201959, 0 |

**Learning Outcome**
1. Describe the services offered by the Life Sciences Student Services and when those services might be applied to your circumstances.2. Describe your understanding of what advising is and how you might benefit from the regular use of it.3. Design a curriculum plan to meet your career goals in the eight or nine semesters you have to graduate from BYU. Be able to articulate why this is important to you, the university, and other students.4. Demonstrate the ability to utilize MYMAP by organizing your major and general education courses for

general education courses for next semester.5. Articulate your personal and educational goals as you understand them this semester.6. Define proper classroom etiquette, and identify behaviors in your paragraph that show respect for faculty and presenters.7. Become acquainted with either an academic advisor or a faculty member this semester by visiting them at least three times.8. Deconstruct or evaluate high school learning strategies.9. Evaluate at least two majors in the College of Life Sciences that interest you by describing the discipline, the learning outcomes, courses required, and possible careers or post-graduate opportunities. If you have learned that none of our majors fit you, explain why.10. Describe the various university resources and what services they have for students.11. Describe BYU's unique campus culture.

## LFSCI 190R - Peer Consulting

### Course Information

**Teaching Area (new)**
LFSCI

**Course Number**
190R

**Teaching Area**
LFSCI

**Course Title**
Peer Consulting

**Course Description**
Active involvement as a peer consultant in the College of Life Sciences.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

## LFSCI 190R - College of Life Sciences Student Council

### Course Information

**Teaching Area (new)**
LFSCI

**Course Number**
190R

**Teaching Area**
LFSCI

**Course Title**
College of Life Sciences Student Council

**Course Description**
Active involvement on the student council for the College of Life Sciences. Issues facing students in the college explored and solutions suggested.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Approval by Life Sciences Advisement.

**Title**
Life Sciences Student Council

**Tags**
201902, 0

**Learning Outcome**
1. Actively develop new leadership skills2. Represent the students of the College of life Sciences3. Set a personal goal in the area of leadership development

## LFSCI 199R - Nonresearch Academic Internship

### Course Information

**Teaching Area (new)**
LFSCI

**Course Number**
199R

**Teaching Area**
LFSCI

**Course Title**
Nonresearch Academic Internship

**Course Description**
Academic internship for work experience or job shadowing. Does NOT involve mentored research.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Approval by Life Sciences Advisement.

**Note**
An APPROVED Internship Application is required before adding. Students find their own experience, then submit application here.

**Title**
Nonresearch Academic Internship

**Tags**
202009, 0

**Learning Outcome**
1. Gain work experience and/or insight to possible careers by observing qualified providers.2. Exhibit proficient writing skills by producing a summary paper at the conclusion of the internship.3. Function as a collaborative team member while participating in the internship experience.

## LFSCI 399R - Academic Internship

### Course Information

**Teaching Area (new)**
LFSCI

**Course Number**
399R

**Teaching Area**
LFSCI

**Course Title**
Academic Internship

**Course Description**
Approved experiential learning.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Mentor's consent.

**Note**
An approved Internship Application is required before adding. To register, contact Life Sciences Advisement at 801-422-3042. Students find their own research internship.

**Title**
Academic Internship

**Tags**
201956, 0

**Learning Outcome**
1. Demonstrate critical or analytical thinking skills by analyzing and interpreting experimental data.2. Exhibit proficient writing skills by producing a portfolio, research paper, scientific journal article, and/or a scientific poster. 3. Critically read scientific literature and evaluate the ability of an argument or evidence to support a conclusion.4. Function as a collaborative team member by participating in student mentored learning groups or research groups.

## LFSCI 399R - Mentored Internship

### Course Information

**Teaching Area (new)**
LFSCI

**Course Number**
399R

**Teaching Area**
LFSCI

**Course Title**
Mentored Internship

**Course Description**
Approved experiential learning.

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
6

#### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Mentor's consent

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Mentored Internship | 203512, 1 |

**Learning Outcome**
1. Demonstrate critical or analytical thinking skills by analyzing and interpreting experimental data.
2. Exhibit proficient writing skills by producing a portfolio, research paper, scientific journal article, and/or a scientific poster.
3. Critically read scientific literature and evaluate the ability of an argument or evidence to support a conclusion.
4. Function as a collaborative team member by participating in student mentored learning groups or research groups.

## LFSCI 489R - Senior Library Thesis

### Course Information

**Teaching Area (new)**
LFSCI

**Course Number**
489R

**Teaching Area**
LFSCI

**Course Title**
Senior Library Thesis

**Course Description**
Mentored library study that extensively explores relevant questions determined by an approved faculty mentor.

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
6

#### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Prospectus approval by Life Sciences Advisement.

| Title | Tags |
|---|---|
| Senior Library Thesis | 202029, 0 |

**Learning Outcome**
1. Develop a research problem and have the prospectus evaluated by Life Science Student Services.2. Prepare a thesis following University protocol.

## LFSCI 490R - Special Problems

### Course Information

**Teaching Area (new)**
LFSCI

**Course Number**
490R

**Teaching Area**
LFSCI

**Course Title**
Special Problems

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

**Title**
Special Problems

**Tags**
201966, 0

**Learning Outcome**
1. The student is expected to have this experience preapproved by Life Science Student Services.2. Develop a research or problem-solving component which is mutually agreed upon by Life Science Student Services and the student.3. Develop a portfolio during the experience. This portfolio should discuss topics including but not limited to: an abstract of the project, a description of methods and materials (include tables, graphs, pictures or other visuals as appropriate), results, summary, and significance of the laboratory experience. The portfolio must be a minimum of 5-6 pages in report form.

## LFSCI 494R - Mentored Research

### Course Information

**Teaching Area (new)**
LFSCI

**Course Number**
494R

**Teaching Area**
LFSCI

**Course Title**
Mentored Research

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Mentor's consent

**Note**
Contact the Life Sciences Advisement Center to register (801-422-3042).

**Title**
Mentored Research

**Tags**
202006, 0

**Learning Outcome**
1. Demonstrate critical or analytical thinking skills by analyzing and interpreting experimental data.2. Exhibit proficient writing skills by producing a portfolio, research paper, scientific journal article, and/or scientific poster.3. Critically read scientific literature and evaluate the ability of an argument or evidence to support a conclusion.4. Function as a collaborative team member by participating in student mentored learning groups or research groups.

## LING 110 - Introduction to Human Language

### Course Information

**Teaching Area (new)**
LING

**Course Number**
110

**Teaching Area**

## LING 198 - Career Explorations in Linguistics

### Course Information

**Teaching Area (new)**

**Course Number**

Teaching Area
LING
Course Title
Introduction to Human Language
Course Description
Introduces students to the basic principles of language. The course considers language as part of our human, biological heritage, as wel as critical for our social and intellectual development.
Department
Linguistics
When Taught
All Semesters/Terms

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Communicate Regarding Language Issues | 198416, 3 |

Learning Outcome
Demonstrate through written work, an ability to communicate application of an informed, evaluative perspective, applying evidence to a concrete instance when language usage becomes the focus of debate, contention or exposition in the real world of individuals, families, and public policies. (GE Social Science Outcomes 1,4,5)

| Title | Tags |
| --- | --- |
| Critical Understanding of Language Behavior | 198417, 2 |

Learning Outcome
Apply new perspectives to a critical understanding of folk conceptions of language behavior using a valid linguistic methodology within an accepted model. (GE Social Science Outcomes 1,4)

LING 198
Teaching Area
LING
Course Title
Career Explorations in Linguistics
Course Description
Investigation of careers available with linguistics BA. Emphasis on planning one's major. Students should take this course early in their major.
Department
Linguistics
When Taught
Fall and Winter

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Recommended
Ling 201

| Title | Tags |
| --- | --- |
| Understanding Language Capacity | 198418, 1 |

**Learning Outcome**
Think critically about language as an inherent ability, as a tool for reasoning and expressivity, and as an analogue for other capacities, processes, and experiences.(GE Social Science outcomes 2, 3)

## LING 201 - Introduction to Linguistics (Modern)

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 201 |

**Teaching Area**
LING
**Course Title**
Introduction to Linguistics (Modern)
**Course Description**
Basic understanding of linguistic systems. Phonology, morphology, syntax, semantics, and pragmatics.
**Department**
Linguistics
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Major Subfields of Linguistics | 198077, 0 |

**Learning Outcome**
Be familiar with some of the major subfields of linguistics and

## LING 210 - Sounds of Language

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 210 |

**Teaching Area**
LING
**Course Title**
Sounds of Language
**Course Description**
Introduction to the description and analysis of speech sounds.
**Department**
Linguistics
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LING 201 - Introduction to Linguistics (Modern)

major subfields of linguistics and the main topics of interest within each subfield.

| Title | Tags |
| --- | --- |
| Basic Techniques | 198200, 2 |

Learning Outcome
Master techniques of basic phonological, morphological, syntactic, and historical analysis.

| Title | Tags |
| --- | --- |
| Structure Understanding | 198276, 1 |

Learning Outcome
Demonstrate understanding of phonological, morphological, and syntactic structure.

- LING 201 - Introduction to Linguistics (Model)

Additional Comments:

| Title | Tags |
| --- | --- |
| Explain Processes | 198088, 3 |

Learning Outcome
Explain common phonetic processes.

| Title | Tags |
| --- | --- |
| Transcribe and Describe | 198411, 2 |

Learning Outcome
Transcribe and give articulatory descriptions for common speech sounds of the world's languages, including those of English.

| Title | Tags |
| --- | --- |
| Analyze Data | 198412, 4 |

Learning Outcome
Complete basic phonological analyses using knowledge of:

the phonemic principle
the content and organization of phonological features, and
the elements of prosody (syllable, stress, etc).

## LING 220 - Structure in Language

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 220 |

Teaching Area
LING
Course Title
Structure in Language
Course Description
Introduction to the analysis of word and sentence structure.
Department
Linguistics
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

## LING 230 - Meaning in Language

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 230 |

Teaching Area
LING
Course Title
Meaning in Language
Course Description
Introduction to the analysis of meaning in words, grammar, and discourse.
Department
Linguistics
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

| Title | Tags |
|---|---|
| Basic Syntactic Analysis | 198102, 0 |

**Learning Outcome**
Complete basic syntactic analyses using knowledge ofparts of speechconstituent structuregrammatical relations

| Title | Tags |
|---|---|
| Terminology and Formalisms | 198226, 2 |

**Learning Outcome**
Describe the results of analyses using appropriate terminology and formalisms.

| Title | Tags |
|---|---|
| Basic Morphological Analysis | 198290, 1 |

**Learning Outcome**
Complete basic morphological analyses using knowledge ofbasic word formation processesthe distinction between inflection and derivation and common inflectional categoriesproperties of the interfaces of morphology with phonology and syntax

## LING 240 - Linguistic Tools 1

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

| Title | Tags |
|---|---|
| Application of Semantic and Pragmatic Procedures | 198075, 0 |

**Learning Outcome**
Conduct semantic and pragmatic analyses and explications of natural human language at the lexical, grammatical, discourse and metaphorical levels applying a variety of semantic and pragmatic analytical procedures

| Title | Tags |
|---|---|
| Semantic and Pragmatic Theories | 198139, 1 |

**Learning Outcome**
Critique contemporary approaches to semantic and pragmatic analyses by becoming familiar with semantic and pragmatic theories.

| Title | Tags |
|---|---|
| Writing about Meaning | 198161, 2 |

**Learning Outcome**
Argue for a particular semantic or pragmatic explication through producing papers and project reports.

## LING 299R - Academic Internship: English

## LING 240 - Linguistic Tools 1

### Course Information

**Teaching Area (new)**
LING

**Course Number**
240

**Teaching Area**
LING

**Course Title**
Linguistic Tools 1

**Course Description**
Introduction to quantitative and qualitative research methods in linguistics.

**Department**
Linguistics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

**Title**
Data Collection Techniques

**Tags**
198133, 1

**Learning Outcome**
Be able to collect linguistic data using interviews, surveys, experiments, corpora, etc

**Title**
Description of Results

**Tags**
198151, 3

**Learning Outcome**
Be able to describe the results of linguistic research using

## LING 299R - Academic Internship: English Language Teaching

### Course Information

**Teaching Area (new)**
LING

**Course Number**
299R

**Teaching Area**
LING

**Course Title**
Academic Internship: English Language Teaching

**Course Description**
Students with focused training teach specific English skills to speakers of other languages in the U.S. or abroad.

**Department**
Linguistics

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LING 377R - Basic Training in TESOL

**Additional Comments:**

**Title**
Provide service to English language learners

**Tags**
198329, 0

**Learning Outcome**
Provide service to English language learners in various, real-world settings

**Title**
Apply concepts in real situations

**Tags**
198330, 1

**Learning Outcome**

appropriate terminology and rhetorical strategies (i.e., talk and write like a linguist).

**Title**
Application of Tools for Data Analysis

**Tags**
198320, 2

**Learning Outcome**
Be able to use appropriate tools to analyze linguistic data.

**Title**
Hypothesizing

**Tags**
198321, 0

**Learning Outcome**
Be able to formulate testable hypotheses concerning language.

**Learning Outcome**
Apply linguistic and pedagogical concepts learned in TESOL basic training coursework in real world situations.

**Title**
Develop confidence and satisfaction

**Tags**
198331, 2

**Learning Outcome**
Develop feelings of confidence and satisfaction from experience teaching English as a second language.

## LING 310 - Phonetics

### Course Information

**Teaching Area (new)**
LING

**Course Number**
310

**Teaching Area**
LING

**Course Title**
Phonetics

**Course Description**
General inventory of speech sounds possible in language, from both an acoustic and articulatory point of view.

**Department**
Linguistics

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## LING 315 - Phonology

### Course Information

**Teaching Area (new)**
LING

**Course Number**
315

**Teaching Area**
LING

**Course Title**
Phonology

**Course Description**
Study of natural language sound systems from a variety of theoretical perspectives.

**Department**
Linguistics

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)
  **AND** LING 210 - Sounds of Language

**Additional Comments:**

| Title | Tags |
|---|---|
| Producing and Transcribing Sounds | 198209, 1 |

**Learning Outcome**
Produce and transcribe approximately 100 of the sounds of the world's languages and describe the articulatory and acoustic properties of these sounds.

| Title | Tags |
|---|---|
| Phonetic Systems | 198213, 6 |

**Learning Outcome**
Recognize the phonetic systems of several languages and how and why the languages are organized the way they are.

| Title | Tags |
|---|---|
| Transcribing and Explaining Phonetic Processes | 198215, 2 |

**Learning Outcome**
Transcribe and explain the phonetic processes common to languages of the world.

| Title | Tags |
|---|---|
| Field Work in Phonetics | 198234, 3 |

**Learning Outcome**
Perform field work in phonetics —learning to record and acoustically analyze phonetics data.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)
  **AND** LING 210 - Sounds of Language

**Additional Comments:**

| Title | Tags |
|---|---|
| Communicate Results of Analyses | 198281, 1 |

**Learning Outcome**
Present the results of phonological analyses, showing awareness of foundational issues in theories of phonology.

| Title | Tags |
|---|---|
| Phonological Analysis | 198347, 0 |

**Learning Outcome**
Use a theoretical model to complete a phonological analysis at an intermediate level using appropriate methods and techniques.

## LING 320 - Morphology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| LING | 320 |

## LING 325 - Syntax

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| LING | 325 |

LING 320
**Teaching Area**
LING
**Course Title**
Morphology
**Course Description**
Theory and analysis of word structure in human language.
**Department**
Linguistics
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)
  **AND** LING 220 - Structure in Language

**Additional Comments:**

| Title | Tags |
|---|---|
| Morphological Analysis | 198345, 1 |

**Learning Outcome**
Use a theoretical model to complete a morphological analysis at an intermediate level using appropriate methods and techniques.

| Title | Tags |
|---|---|
| Present Results | 198346, 2 |

**Learning Outcome**
Present the results of morphological analyses showing awareness of foundational issues in theories of morphology.

LING 323
**Teaching Area**
LING
**Course Title**
Syntax
**Course Description**
Theoretical comparison and contrast of different sentence types. Methods of argument to develop and critique generative theories of lexical categories, grammatical roles, and syntactic structure.
**Department**
Linguistics
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LING 201 - Introduction to Linguistics (Modern)
  **AND** LING 220 - Structure in Language

**Additional Comments:**

| Title | Tags |
|---|---|
| Application and Relevance | 198080, 7 |

**Learning Outcome**
Apply these outcomes to English and investigate their relevance to other languages.

| Title | Tags |
|---|---|
| Argue and Support | 198121, 6 |

**Learning Outcome**
In writing and speaking, argue for (or against) particular theory dependent interpretations of structure, and support the

argument with empirical evidence.

| Title | Tags |
| --- | --- |
| Theory and Analysis Application | 198270, 4 |

**Learning Outcome**
Understand and apply a theoretical framework and analytical techniques to determine and describe constituents.

| Title | Tags |
| --- | --- |
| Recognizing and Classifying Constituents | 198306, 2 |

**Learning Outcome**
Recognize and classify different types of constituents, including phrases and sentences.

## LING 332 - Semantics

### Course Information

**Teaching Area (new)**
LING
**Course Number**
332
**Teaching Area**
LING
**Course Title**
Semantics
**Course Description**
Theory and analysis of natural language semantics from a variety of theoretical perspectives.
**Department**
Linguistics
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

## LING 335 - Pragmatics

### Course Information

**Teaching Area (new)**
LING
**Course Number**
335
**Teaching Area**
LING
**Course Title**
Pragmatics
**Course Description**
Theory and analysis of pragmatics from a variety of theoretical perspectives.
**Department**
Linguistics
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- LING 201 - Introduction to Linguistics (Modern)
  **AND** LING 230 - Meaning in Language

Prerequisites

**Complete ALL of the following Courses:**

- **AND** LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

| Title | Tags |
|---|---|
| Understand and Apply Theoretical Framework and Analytical Techniques | 198362, 1 |

**Learning Outcome**
Understand and apply a theoretical framework and analytical techniques to account for meanings of morphemes, words, phrases, clauses and sentences as determined by intrinsic language form and structure.

| Title | Tags |
|---|---|
| Complete a Semantic Analysis | 198363, 2 |

**Learning Outcome**
Use a theoretical model to complete a semantic analysis at an intermediate level using appropriate methods and techniques.

| Title | Tags |
|---|---|
| Present Results of Semantic Analyses | 198364, 3 |

**Learning Outcome**
Present the results of semantic analyses, showing awareness of foundational issues in theories of semantics.

0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- LING 201 - Introduction to Linguistics (Modern)
  **AND** LING 230 - Meaning in Language

Prerequisites

**Complete ALL of the following Courses:**

- **AND** LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

| Title | Tags |
|---|---|
| Understand and Apply a Theoretical Framework and Analytical Techniques | 198365, 1 |

**Learning Outcome**
Understand and apply a theoretical framework and analytical techniques to account for meanings of words and sentences as determined by their active use in a social or practical context.

| Title | Tags |
|---|---|
| Complete a Pragmatic Analysis | 198366, 2 |

**Learning Outcome**
Use a theoretical model to complete a pragmatic analysis at an intermediate level using appropriate methods and techniques.

| Title | Tags |
|---|---|
| Present Results | 198367, 3 |

**Learning Outcome**
Present the results of pragmatic analyses, showing awareness of foundational issues in theories of pragmatics.

## LING 360 - (Ling-DigHT) Programming for Text Processing and Analysis

### Course Information

**Teaching Area (new)**
LING

**Course Number**
360

**Teaching Area**
LING

**Course Title**
(Ling-DigHT) Programming for Text Processing and Analysis

**Course Description**
Development of computer applications for research in language and literature (text processing, retrieval, and analysis) in one or more programming languages (e.g., Perl, Python, etc.).

**Department**
Linguistics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## LING 361 - Speech Processing

### Course Information

**Teaching Area (new)**
LING

**Course Number**
361

**Teaching Area**
LING

**Course Title**
Speech Processing

**Course Description**
Analyzing and manipulating speech data. Developing software applications that include speech recognition and/or speech generation.

**Department**
Linguistics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Ling 360.

**Title**
Speech Processing

**Tags**
198079, 1

**Learning Outcome**
Understand the basics of phonetic, phonological, and lexical aspects of speech processing.

**Title**
Speech-based Processing Programs

**Tags**
198164, 4

**Learning Outcome**
Design and implement speech-based processing programs using widely available speech toolkits.

**Title**
Java

**Tags**
198235, 1

**Learning Outcome**
Write basic programs in Java.

| Title | Tags |
| --- | --- |
| Speech-related Processing | 198284, 3 |

**Learning Outcome**
Use common data structures and formats in speech-related processing.

| Title | Tags |
| --- | --- |
| Java Procedures | 198317, 2 |

**Learning Outcome**
Design and implement user interface procedures in Java, in a Unix or Windows environment.

## LING 366 - Social Media/Marketing Analysis

### Course Information

**Teaching Area (new)**
LING
**Course Number**
366
**Teaching Area**
LING
**Course Title**
Social Media/Marketing Analysis
**Course Description**
Analysis, editing, and creation of social text, with an emphasis on social media strategies and linguistic analysis.
**Department**
Linguistics
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

## LING 377R - Basic Training in TESOL

### Course Information

**Teaching Area (new)**
LING
**Course Number**
377R
**Teaching Area**
LING
**Course Title**
Basic Training in TESOL
**Course Description**
Basic preparation to teach English to speakers of other languages in particular settings.
**Department**
Linguistics
**When Taught**
Contact Department

### Credit Hours

**Min**
1
**Fixed**
3

**Other Prerequisites**
Planned participation in IAS- or U.S.-based English teaching experience
**Note**
Especially for international service volunteers who plan to teach ESL or EFL.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- 

Prerequisites

**Complete ALL of the following Courses:**

- LING 201 - Introduction to Linguistics (Modern)

Prerequisites

**Complete ALL of the following Courses:**

- 

Prerequisites

**Complete ALL of the following Courses:**

- LING 220 - Structure in Language

**Additional Comments:**

## LING 399R - Academic Internship: Linguistics

### Course Information

**Teaching Area (new)**
LING
**Course Number**
399R
**Teaching Area**
LING
**Course Title**
Academic Internship: Linguistics
**Course Description**
On-the-job experience and education related to linguistics.
**Department**
Linguistics
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
9

### Lecture Hours

**Fixed**
0

## LING 401 - Preparation for Graduate Studies in Linguistics

### Course Information

**Teaching Area (new)**
LING
**Course Number**
401
**Teaching Area**
LING
**Course Title**
Preparation for Graduate Studies in Linguistics
**Course Description**
Introduction to phonology, phonetics, morphology, syntax, semantics, and pragmatics for students not majoring in linguistics, but planning to study linguistics in graduate school.
**Department**
Linguistics
**When Taught**
Summer Term

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Other Prerequisites
Program coordinator's consent
Note
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Apply academic coursework to the world | 198177, 0 |

Learning Outcome
Students will learn to apply concepts learned in their academic classes to everyday, practical, linguistic situations outside the university.

| Title | Tags |
| --- | --- |
| Enrich classroom concepts through work experience | 198184, 1 |

Learning Outcome
Interns' real-world work experiences will enhance and enrich their understanding of academic concepts they learned in university classes.

## LING 421R - Studies in Linguistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 421R |

Teaching Area
LING
Course Title
Studies in Linguistics
Course Description
Studies in specialized topics within Linguistics.
Department
Linguistics
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Understand the field | 198409, 1 |

Learning Outcome
Be familiar with the major subfields of linguistics and the main topics of interest within each subfield.

| Title | Tags |
| --- | --- |
| Analytical skills | 198410, 2 |

Learning Outcome
Demonstrate understanding of phonological, morphological, and syntactic structure and learn basic techniques of phonological, morphological, and syntactic analysis.

## LING 440 - Linguistic Tools 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 440 |

Teaching Area
LING
Course Title
Linguistic Tools 2
Course Description
Linguistic research tools and methods; resources, literature, and synthesis of techniques.
Department
Linguistics
When Taught
All Semesters/Terms

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Ling 240.

| Title | Tags |
|---|---|
| Describe and Use Tools | 198337, 1 |

**Learning Outcome**
Describe and use state-of-the-art tools developed for linguistic research.

| Title | Tags |
|---|---|
| Evaluate and Discuss Research | 198338, 2 |

**Learning Outcome**
Evaluate and discuss research literature relating to linguistic tools and methods.

| Title | Tags |
|---|---|
| Apply Current Resources and Methods | 198339, 3 |

**Learning Outcome**
Apply current resources and methods in a programming, experiment, or annotation project.

| Title | Tags |
|---|---|
| Present and Report Linguistic Research | 198340, 4 |

**Learning Outcome**
Present and report linguistic research results using appropriate discipline-specific strategies.

## LING 445 - Introduction to Psycholinguistics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| LING | 445 |

**Teaching Area**
LING
**Course Title**

## LING 450 - Introduction to Historical-Comparative Linguistics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| LING | 450 |

**Teaching Area**
LING

Introduction to Psycholinguistics
**Course Description**
How the mind interprets, stores, retrieves, and produces language. Anatomical structures and physiological processes of the brain dealing with language.
**Department**
Linguistics
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- 

Prerequisites

**Complete ALL of the following Courses:**

- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

| Title | Tags |
|---|---|
| Discuss Basic Psycholinguistics | 198359, 1 |

**Learning Outcome**
Discuss basic terminology, theories, and issues of psycholinguistics.

| Title | Tags |
|---|---|
| Know Area-Specific Findings | 198360, 2 |

**Learning Outcome**
Know the basic findings in each

**Course Title**
Introduction to Historical-Comparative Linguistics
**Course Description**
Theory and method of language change via comparison of daughter languages and reconstruction of their ancestral language: phonological, morphological, semantic, and lexical.
**Department**
Linguistics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LING 201 - Introduction to Linguistics (Modern)
  **AND** LING 210 - Sounds of Language
  **AND** LING 220 - Structure in Language

**Additional Comments:**

| Title | Tags |
|---|---|
| Explanation of Changes | 198111, 2 |

**Learning Outcome**
Students will be able to explain how and why linguistic changes occur in phonology, morphology, syntax, semantics, and the lexicon.

| Title | Tags |
|---|---|
| Comparitive method and Internal Reconstruction | 198112, 1 |

**Learning Outcome**
Students will be able to apply the comparative method and internal reconstruction in order

area of psycholinguistics (including comprehension, production, acquisition, and language disorders).

| Title | Tags |
| --- | --- |
| Respond to Research | 198361, 3 |

**Learning Outcome**
Read and critically respond to psycholinguistic research and articles.

internal reconstruction in order to hypothesize earlier states of a language and to examine the relatedness of different languages.

| Title | Tags |
| --- | --- |
| Factors that affect Linguistic Change | 198274, 3 |

**Learning Outcome**
Students will be able to explain how linguistic change is affected by language contact and psychological, physical, social, and cultural factors.

| Title | Tags |
| --- | --- |
| Using Corpora, Texts, and Lexicons | 198292, 4 |

**Learning Outcome**
Students will be able to use corpora, texts, and lexicons in order to obtain data on, and answer questions about, language change.

## LING 452 - Introduction to Sociolinguistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 452 |

**Teaching Area**
LING
**Course Title**
Introduction to Sociolinguistics
**Course Description**
How language functions in culture and society; focus on the development, typology, and description of the relationship between language and society.
**Department**
Linguistics
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

## LING 460 - Typology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 460 |

**Teaching Area**
LING
**Course Title**
Typology
**Course Description**
Introduction to the study of language universals and linguistic typology.
**Department**
Linguistics
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- 

Prerequisites

**Complete ALL of the following Courses:**

- LING 201 - Introduction to Linguistics (Modern)

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Understand Relationship between Language Use and Society | 198356, 1 |

**Learning Outcome**
Understand the relationship between language use and society with respect to regional, social, ethnic and contextual variation.

| Title | Tags |
| --- | --- |
| Conduct Sociolinguistic Research | 198357, 2 |

**Learning Outcome**
Conduct research into a wide range of sociolinguistic variation.

| Title | Tags |
| --- | --- |
| Impart Sociolinguistic Knowledge | 198358, 3 |

**Learning Outcome**
Impart knowledge of sociolinguistics and related research in presentations and papers.

### Lab Hours

**Fixed**
0

**Recommended**
Ling 220.

| Title | Tags |
| --- | --- |
| Identify Universals | 198341, 1 |

**Learning Outcome**
Identify different kinds of universals (formal, substantive, implicational, syntactic, lexical, morphological).

| Title | Tags |
| --- | --- |
| Apply Typological Concepts | 198342, 2 |

**Learning Outcome**
Apply typological concepts to specific languages.

| Title | Tags |
| --- | --- |
| Understand Arguments | 198343, 3 |

**Learning Outcome**
Understand arguments for and against language universals.

## LING 461 - First Language Acquisition

## LING 462 - Second Language Acquisition

## LING 461 - First Language Acquisition

### Course Information

**Course Number**
461
**Teaching Area**
LING
**Course Title**
First Language Acquisition
**Course Description**
First language acquisition examines how children learn their first language and also how children learn multiple languages at the same time. The course examines the theories, issues, and major findings in the field of first language acquisition. It addresses how language development is influenced by what language the child is learning.
**Department**
Linguistics
**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Main Theories | 213963, 0, 1, 2023-08-29 10:38:13 |

**Learning Outcome**
Students will be able to discuss the main theories related to First Language Acquisition

| Title | Tags |
| --- | --- |
| Basic processes and stages | 213964, 0, 2, 2023-08-29 10:38:14 |

**Learning Outcome**
Understand the basic processes and stages of First Language Acquisition

| Title | Tags |
| --- | --- |
| Stages of language development | 213965, 0, 3, 2023-08-29 10:38:16 |

**Learning Outcome**
Analyze the language use and development of children at various stages of language development

| Title | Tags |
| --- | --- |
| Articulate and discuss research | 213966, 0, 4, 2023-08-29 10:38:18 |

**Learning Outcome**

## LING 462 - Second Language Acquisition

### Course Information

**Course Number**
462
**Teaching Area**
LING
**Course Title**
Second Language Acquisition
**Course Description**
Second Language acquisition examines how a second language is learned. The course examines the typical development of a second language in terms of phonological, lexical, semantic, pragmatic and syntactic development. The course will also examine factors that influence second language acquisition such as the person's age at the time of acquisition, motivation, language aptitude and teaching methods.

The objective of this course is to help students learn the theories, issues, and major findings in the field of second language acquisition.
**Department**
Linguistics
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Theories and practices | 213967, 0, 1, 2023-08-29 10:38:19 |

**Learning Outcome**
Discuss main theories and practices related to Second Language Acquisition

| Title | Tags |
| --- | --- |
| Basic processes and stages | 213968, 0, 2, 2023-08-29 10:38:21 |

**Learning Outcome**
Understand the basic processes and stages of Second Language Acquisition

| Title | Tags |
| --- | --- |
| Stages of language devlopment | 213969, 0, 3, 2023-08-29 10:38:22 |

**Learning Outcome**
Analyze the language use and development of learners at various stages of language development

Articulate and discuss research in First Language Acquisition that will cumulate in a formal research paper.

| Title | Tags |
| --- | --- |
| Articulate and discuss research | 213970, 0, 4, 2023-08-29 10:38:24 |

**Learning Outcome**
Articulate and discuss research in Second Language Acquisition that will cumulate in a formal research paper.

## LING 478 - Language Teaching Methods: MTC

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 478 |

**Teaching Area**
LING
**Course Title**
Language Teaching Methods: MTC
**Course Description**
Instructional methods and strategies for teaching second and foreign languages at the Missionary Training Center (MTC).
**Department**
Linguistics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Connect methodological theory and practice | 198085, 0 |

**Learning Outcome**
Students who are teaching language classes at the Missionary Training Center will connect methodological theory learned in this class with real-world practice.

## LING 480 - Problems in Translation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 480 |

**Teaching Area**
LING
**Course Title**
Problems in Translation
**Course Description**
History, theory, and practice of human and machine translation.
**Department**
Linguistics
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Ling 230 and proficiency in a second language.

| Title | Tags |
| --- | --- |
| Bi-text Corpora | 198089, 1 |

**Learning Outcome**
Create a bi-text corpus and derive translation memory and terminology from that bi-text corpus.

| Title | Tags |
| --- | --- |

Translation Project 198115, 3

**Learning Outcome**
Use machine translation, translation memory, and terminology in conjunction with a translation environment tool to complete a translation project according to the project's specifications.

**Title**
Specifications for Translation Projects

**Tags**
198208, 1

**Learning Outcome**
Define a set of specifications for a translation project based on text type, audience, and purpose.

**Title**
The Future of Translation Technology

**Tags**
198212, 0

**Learning Outcome**
Discuss the possible future of translation technology, including future applications of existing technology and future development of new technologies, drawing on class assignments and a personal project.

## LING 485 - Corpus Linguistics

### Course Information

**Teaching Area (new)**
LING

**Course Number**
485

**Teaching Area**
LING

**Course Title**
Corpus Linguistics

**Course Description**
Using large collections of texts for research and teaching; focusing on variation (by dialect, genre, time, author, etc.) in language.

**Department**
Linguistics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

## LING 495R - Senior Capstone

### Course Information

**Teaching Area (new)**
LING

**Course Number**
495R

**Teaching Area**
LING

**Course Title**
Senior Capstone

**Course Description**
Integrative, culminating experience for linguistics majors; topics vary.

**Department**
Linguistics

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- 

Prerequisites

**Complete ALL of the following Courses:**

- LING 240 - Linguistic Tools 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Corpus design methods | 198149, 0, 0 |

**Learning Outcome**
Students will evaluate, design, and collect corpora based on principles of statistical sampling for their areas of interest

| Title | Tags |
|---|---|
| Analysis | 198254, 0, 1 |

**Learning Outcome**
Students will use quantitative (e.g., frequency, collocation, keyword) and qualitative techniques (e.g., concordance analysis) to analyze patterns in language across text types and across time using flexible queries

| Title | Tags |
|---|---|
| Applications within linguistics | 198311, 0, 1 |

**Learning Outcome**
Students will apply corpus methods to address problems across many sub-disciplines of linguistics.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- LING 210 - Sounds of Language
  **AND** LING 220 - Structure in Language
  **AND** LING 230 - Meaning in Language

**Additional Comments:**

| Title | Tags |
|---|---|
| Demonstrate Integration of Knowledge and Communicate Results | 198344, 4 |

**Learning Outcome**
Students will demonstrate that they can integrate their knowledge of core and applied areas of linguistics to produce a linguistic artifact (grammar, lexicon, corpus, experiment, survey, etc), and communicate the results in writing or speaking.

| Title | Tags |
| --- | --- |
| Applied linguistics | 198224, 0, 2 |

**Learning Outcome**
Students will apply corpus methods to address real world problems, such as in language teaching, language learning, language assessment, editing, law, computational linguistics, lexicography, and even in gospel study.

## LING 498 - Career Preparation for Linguistics, Applied English Linguistics, and Editing & Publishing Majors.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 498 |

**Teaching Area**
LING
**Course Title**
Career Preparation for Linguistics, Applied English Linguistics, and Editing & Publishing Majors.
**Course Description**
Finding and interpreting job advertisements related to linguistics. Explaining skills of linguistics major to employers. Students should take near the end of their major.
**Department**
Linguistics
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

## LING 501 - Advanced Research and Writing Techniques for Second Language Writers

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 501 |

**Teaching Area**
LING
**Course Title**
Advanced Research and Writing Techniques for Second Language Writers
**Course Description**
Non-native English speaking students will develop research and writing techniques necessary for graduate-level writing.
**Department**
Linguistics
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For graduate international ESL students.

| Title | Tags |
| --- | --- |
| Organize ideas in English writing | 198150, 0 |

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LING 201 - Introduction to Linguistics (Modern)
  **OR** ELING 223 - Introduction to the English Language

**Additional Comments:**

**Recommended**
One of the following: Ling 310, 315, 320, 325, 332, 335, 362

| Title | Tags |
|---|---|
| Interpreting Job advertisements | 213971, 0, 1, 2023-08-29 10:38:33 |

**Learning Outcome**
Student will be able to find and interpret job advertisements as they relate to their linguistics or editing degree.

| Title | Tags |
|---|---|
| Present linguistics skills to employers | 213972, 0, 2, 2023-08-29 10:38:35 |

**Learning Outcome**
Students will be able to explain how linguistic skills relate to a job and contribute to a company.

| Title | Tags |
|---|---|
| General job-hunting preparation | 213973, 0, 3, 2023-08-29 10:38:38 |

**Learning Outcome**
Understanding and preparation for job interviews, resume creation, and career fairs

**Learning Outcome**
Non-native English-speaking students will gain or increase their ability to organize their ideas into a well-constructed written response in English.

| Title | Tags |
|---|---|
| Identify audience, purpose, and strategies in English writin | 198245, 1 |

**Learning Outcome**
Identify the audience, purpose, and strategies for a given writing assignment in English and write accordingly.

| Title | Tags |
|---|---|
| Structures and vocabulary | 198310, 2 |

**Learning Outcome**
Express ideas using well-formed structures and vocabulary acceptable in English academic writing.

## LING 542 - Field Methods in Linguistics

### Course Information

**Teaching Area (new)**
LING
**Course Number**
542
**Teaching Area**
LING
**Course Title**
Field Methods in Linguistics
**Course Description**
Documenting an unfamiliar language by interacting with a native speaker.
**Department**
Linguistics
**When Taught**
Contact Department

### Credit Hours

## LING 545 - Psycholinguistics

### Course Information

**Teaching Area (new)**
LING
**Course Number**
545
**Teaching Area**
LING
**Course Title**
Psycholinguistics
**Course Description**
Research and theory behind how the mind interprets, stores, retrieves, and produces language. Anatomical structures and physiological processes of the brain dealing with language.
**Department**
Linguistics
**When Taught**
Fall Even Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LING 201 - Introduction to Linguistics (Modern)
  **AND** LING 210 - Sounds of Language
  **AND** LING 220 - Structure in Language

**Additional Comments:**

| Title | Tags |
|---|---|
| Linguistic Data | 198420, 1 |

Learning Outcome
In this course you will learn to:

elicit,
organize,
analyze, and
describe

linguistic data from a native speaker of a language unfamiliar to you.

## LING 550 - Sociolinguistics.

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
|---|---|
| Read/Respond to Research Articles | 198159, 2 |

Learning Outcome
Read and critically respond to psycholinguistic research and articles.

| Title | Tags |
|---|---|
| Psycholinguistics Basics | 198188, 1 |

Learning Outcome
Discuss basic terminology, theories, and issues of psycholinguistics.

| Title | Tags |
|---|---|
| Findings in Each Area | 198248, 1 |

Learning Outcome
Know the basic findings in each area of psycholinguistics (including comprehension, production, acquisition, and language disorders).

| Title | Tags |
|---|---|
| Experimental Research | 198266, 3 |

Learning Outcome
Create and participate in psycholinguistic experimental research.

## LING 551 - Anthropological Linguistics

## Course Information

**Teaching Area (new)**
LING

**Course Number**
550

**Teaching Area**
LING

**Course Title**
Sociolinguistics.

**Course Description**
Research and theory of how language functions in culture and society; focus on development, typology, and description of the relationship between language and society.

**Department**
Linguistics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

No Requirements

**Title**
Knowledge

**Tags**
198076, 1

**Learning Outcome**
Understand the relationship between language use and society with respect to regional, social, ethnic and contextual variation.

**Title**
Research

**Tags**
198141, 1

**Learning Outcome**
Conduct research into a wide range of sociolingusitic variation

**Title**
Profess

**Tags**
198238, 2

**Learning Outcome**
Impart knowledge of sociolinguistics and related

## Course Information

**Teaching Area (new)**
LING

**Course Number**
551

**Teaching Area**
LING

**Course Title**
Anthropological Linguistics

**Course Description**
Language in culture and society: development, typology, and description.

**Department**
Linguistics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Ling 220 and Ling 230; or equivalent.

**Title**
Contextualize Varieties of Language

**Tags**
198086, 2

**Learning Outcome**
Through readings, weekly exercises and discussions they will acquire the metalinguistic concepts necessary for contextualizing varieties of language.

**Title**
Transcription Sessions

**Tags**
198126, 3

**Learning Outcome**
In class transcription sessions will address the representation of linguistic data, and how that representation may affect one's assessments of semantic intent.

**Title**
Analysis of Linguistic Data in

**Tags**

sociolinguistics and related research in presentations and papers

| Title | Tags |
| --- | --- |
| Analysis of Linguistic Data in Social Contexts | 198178, 1 |

**Learning Outcome**
Upon completion of this course students will be equipped with the conceptual tools to think about and analyze linguistic data in social contexts of use.

| Title | Tags |
| --- | --- |
| Familiarity with Foundational Texts | 198308, 1 |

**Learning Outcome**
Student will become conversant with foundational texts which inform our cultural understanding and use of language.

## LING 558 - Historical-Comparative Linguistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 558 |

**Teaching Area**
LING
**Course Title**
Historical-Comparative Linguistics
**Course Description**
Learning theory and method of language change via comparing daughter languages and reconstructing ancestral languages. Language universals and typology.
**Department**
Linguistics
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## LING 580R - Problems in Linguistics and Applied Linguistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 580R |

**Teaching Area**
LING
**Course Title**
Problems in Linguistics and Applied Linguistics
**Course Description**
Advanced research in language acquisition, sociolinguistics, psycholinguistics, linguistics field study, applied linguistics.
**Department**
Linguistics
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

Other Prerequisites
Ling 450 or equivalent

| Title | Tags |
| --- | --- |
| Application of Typological Concepts | 198155, 1 |

Learning Outcome
Students will learn how to apply typological concepts to specific languages during in-class and out of class exercises.

| Title | Tags |
| --- | --- |
| Influential Linguistics Typology Concepts | 198160, 1 |

Learning Outcome
Students will have achieved an understanding of the most influential concepts of Linguistics typology, including the different kinds of universals (formal, substantive, implicational, syntactic, lexical, morphological).

| Title | Tags |
| --- | --- |
| Arguments Against Language Universals | 198297, 2 |

Learning Outcome
Students will become conversant with the arguments against language universals.

| Title | Tags |
| --- | --- |
| Overview | 198314, 1 |

Learning Outcome
Each section of Ling 580R could have different learning outcomes from other sections and other semesters. Therefore, each instance of Ling 580R must be evaluated separately.

## LING 581 - Natural Language Processing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 581 |

Teaching Area
LING
Course Title
Natural Language Processing
Course Description
Intensive overview of natural language processing, including computational techniques, hands-on experience with linguistic technologies and corpora, language modeling approaches, and readings from current research.
Department
Linguistics
When Taught
Fall

### Credit Hours

## LING 585 - Research in Corpus Linguistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LING | 585 |

Teaching Area
LING
Course Title
Research in Corpus Linguistics
Course Description
Design and use of corpora for research with a focus on variation in language (by register, dialect, time, author, etc.).
Department
Linguistics
When Taught
Winter

### Credit Hours

Min
3

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Good programming skills in at least one language (preferably LISP, Prolog, C, C++, Perl, or Java) and a knowledge of basic discrete math. Upper-division linguistics/computers and the humanities students with less programming experience may enroll with instructor`s consent.

| Title | Tags |
| --- | --- |
| NLP Tools | 198172, 1 |

Learning Outcome
Students will be able to demonstrate by hands-on experience how to use NLP tools in the performance of linguistically interesting tasks.

| Title | Tags |
| --- | --- |
| NLP-related Computation | 198187, 2 |

Learning Outcome
Students will be able to demonstrate application of a novel, nonontrivial programming approach to solving some aspect of NLP-related computation.

| Title | Tags |
| --- | --- |
| Computational Techniques | 198252, 3 |

Learning Outcome
Students will be able to recognize and describe how computational techniques are used successfully in various areas of natural language processing.

| Title | Tags |
| --- | --- |
| Current Research Literature and Trends | 198282, 4 |

Learning Outcome
Students will read, understand

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Corpus design methods | 212474, 0, 1 |

Learning Outcome
Students will evaluate, design, and collect corpora based on principles of statistical sampling for their areas of interest

| Title | Tags |
| --- | --- |
| Analysis | 212475, 0, 2 |

Learning Outcome
Students will use quantitative (e.g., frequency, collocation, keyword) and qualitative techniques (e.g., concordance analysis) to analyze patterns in language across text types and across time using flexible queries

| Title | Tags |
| --- | --- |
| Academic engagement | 212476, 0, 3 |

Learning Outcome
Students will become familiar with primary literature in the field of corpus linguistics and engage with the strengths and weaknesses of the field

| Title | Tags |
| --- | --- |
| Communication | 212477, 0, 4 |

Learning Outcome
Students will communicate about corpus linguistics (e.g., by leading discussions and producing professional presentations, reports, and academic research articles)

| Title | Tags |
| --- | --- |

Students will read, understand, discuss, and assess current research literature and trends in the relevant areas.

| Title | Tags |
| --- | --- |
| Applications within linguistics | 212478, 0, 5 |

**Learning Outcome**
Students will apply corpus methods to address problems across sub-disciplines of linguistics

| Title | Tags |
| --- | --- |
| Applied linguistics | 212479, 0, 6 |

**Learning Outcome**
Students will apply corpus methods to address real world problems, such as in language teaching, language learning, language assessment, editing, law, computational linguistics, lexicography, and even in gospel study

## LING 590R - Readings in Linguistics

### Course Information

**Teaching Area (new)**
LING
**Course Number**
590R
**Teaching Area**
LING
**Course Title**
Readings in Linguistics
**Course Description**
Individual study of current linguistic literature. Occasional discussion sessions with instructor and other class members.
**Department**
Linguistics
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1
**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent
**Note**
Pass/fail grade only.

| Title | Tags |
| --- | --- |
| Study assigned readings | 198201, 0 |

## LING 599R - Academic Internship: Linguistics

### Course Information

**Teaching Area (new)**
LING
**Course Number**
599R
**Teaching Area**
LING
**Course Title**
Academic Internship: Linguistics
**Course Description**
On-the-job experience under faculty supervision, with department approval.
**Department**
Linguistics
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1
**Fixed**
9

### Lecture Hours

**Fixed**
9

### Lab Hours

**Fixed**
0

Learning Outcome
Individual advanced students will study and report on assigned readings under the direction of a professor

| Title | Tags |
| --- | --- |
| Complete individual projects | 198216, 1 |

Learning Outcome
Advanced students will study and complete individual projects under the direction of a professor

| Title | Tags |
| --- | --- |
| Apply academic coursework to the world | 198322, 0 |

Learning Outcome
Students will learn to apply concepts learned in their academic classes to everyday, practical, linguistic situations outside the university.

| Title | Tags |
| --- | --- |
| Enhance classroom concepts through work experience | 198323, 1 |

Learning Outcome
Interns' real-world work experiences will enhance and enrich their understanding of academic concepts they learned in university classes.

## LING561 - Neurolinguistics

### Course Information

**Course Number**
561
**Teaching Area**
LING
**Course Title**
Neurolinguistics
**Course Description**
Overview of topics in neurolinguistics, such as what areas of the brain are involved in language acquisition and processing, how we store and access words, how we build sentences and form dependencies, how we process discourse, how emotion is involved in language, how we learn and process a second language, neural mechanisms involved in social interaction and language use, and methods used in neurolinguistic research.
**Department**
Linguistics
**When Taught**
Contact Department

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Other Prerequisites**
Any intro linguistics, psychology, or neuroscience course

## LING589R - Corpus Linguistics Topics

### Course Information

**Course Number**
589R
**Teaching Area**
LING
**Course Title**
Corpus Linguistics Topics
**Course Description**
Studies in specialized topics within corpus linguistics.
**Department**
Linguistics
**When Taught**
Contact Department

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Language Structure | 213978, 0, 1, 2023-08-29 10:40:13 |

Learning Outcome
Demonstrate knowledge of linguistic structures or artifacts highlighted within the chosen topic. Effectively communicate

| Title | Tags |
| --- | --- |
| Neurolinguistic knowledge | 213974, 0, 1, 2023-08-29 10:40:05 |

**Learning Outcome**
Demonstrate understanding of basic principles of brain biology/physiology and of key theories of language processing and the brain

| Title | Tags |
| --- | --- |
| Neurolinguistic methods | 213975, 0, 2, 2023-08-29 10:40:07 |

**Learning Outcome**
Demonstrate understanding of how different brain imaging techniques work (EEG, fNIRS, MEG, fMRI) and what they can tell us about language acquisition and processing, and be able to collect and/or analyze one type of data

| Title | Tags |
| --- | --- |
| Research evaluation | 213976, 0, 3, 2023-08-29 10:40:09 |

**Learning Outcome**
Be able to critically read and evaluate primary literature and to synthesize studies in neurolinguistics.

| Title | Tags |
| --- | --- |
| Research design and presentation | 213977, 0, 4, 2023-08-29 10:40:11 |

**Learning Outcome**
Be able to design research to test theories of language processing/acquisition and the brain. Be able to effectively present research in writing and speaking.

in speech or writing the insights and findings coming from the study of the topic.

## LINGC 220 - Linguistic Computing Programming 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LINGC | 220 |

**Teaching Area**
LINGC
**Course Title**
Linguistic Computing Programming 1
**Course Description**
Computer programming for language applications: data types, character representation, flow of control, file input/output, string

## LINGC 489R - Linguistic Computing Project

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LINGC | 489R |

**Teaching Area**
LINGC
**Course Title**
Linguistic Computing Project
**Course Description**
Applying principles from other courses to a substantial research or development project. Students work individually with faculty and technical advisors.

character representation, flow of control, file input/output, string manipulation.

**Department**
Linguistics
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
LingC 200 or C S 100 or equivalent experience

| Title | Tags |
| --- | --- |
| Manipulating Digital Information | 198134, 1 |

**Learning Outcome**
Be able to manipulate digital information using algorithms written in a programming language. This includes an ability to understand and write assignment statements, loops, conditionals, and functions.

| Title | Tags |
| --- | --- |
| Creating Simple Graphical User Interfaces | 198173, 3 |

**Learning Outcome**
Be able to create a simple graphical user interface for a software application.

| Title | Tags |
| --- | --- |
| Computing Algorithms | 198334, 1 |

**Learning Outcome**
Understand what a computing algorithm is, as opposed to instructions intended for a human who has agency.

**Department**
Linguistics
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Any 300-level linguistic computing course

| Title | Tags |
| --- | --- |
| Language-related Software Application | 198289, 1 |

**Learning Outcome**
Design and implement a language-related software application that satisfies the requirements of a faculty or staff member, drawing on the expertise of a faculty or staff technical advisor.

## LINGC 490R - Current Topics and Issues

### Course Information

**Teaching Area (new)**
LINGC
**Course Number**
490R
**Teaching Area**
LINGC
**Course Title**
Current Topics and Issues
**Course Description**
Individual or group study of current issues and developments in linguistic computing. Extended readings; research or project required.
**Department**
Linguistics
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Knowledge | 198371, 1 |

**Learning Outcome**
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

## LINGC 496R - Academic Internship: Linguistic Computing

### Course Information

**Teaching Area (new)**
LINGC
**Course Number**
496R
**Teaching Area**
LINGC
**Course Title**
Academic Internship: Linguistic Computing
**Course Description**
On-the-job experience in publishing production (print or electronic), courseware/software development, museum/collection/textbase management, language/linguistics research, or other application of linguistic computing.
**Department**
Linguistics
**When Taught**
Contact Department

#### Credit Hours

**Min**
1
**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
LingC 300-level course or equivalent experience

| Title | Tags |
| --- | --- |
| Language-related Software Activites | 198299, 1 |

**Learning Outcome**
Participate in the language-related software activities of an off-campus organization, satisfying the requirements of the internship supervisor and the BYU faculty member in charge of the internship course.

## LITHU 100 - Language Study: Lithuanian

### Course Information

**Teaching Area (new)**
LITHU
**Course Number**
100
**Teaching Area**
LITHU
**Course Title**

## LITHU 101 - First-Year Lithuanian

### Course Information

**Teaching Area (new)**
LITHU
**Course Number**
101
**Teaching Area**
LITHU
**Course Title**

Language Study: Lithuanian

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Lithuanian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 197444, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 197446, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 197448, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

First-Year Lithuanian

**Course Description**
Beginning speaking, listening, reading, and writing skills in Lithuanian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Foreign residency experience

**Note**
Credit by examination only.

| Title | Tags |
|---|---|
| Comprehension | 193257, 2 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 193266, 1 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 193273, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193283, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## LITHU 102 - First-Year Lithuanian

### Course Information

**Teaching Area (new)**
LITHU
**Course Number**
102
**Teaching Area**
LITHU
**Course Title**
First-Year Lithuanian
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Lithuanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- LITHU 101 - First-Year Lithuanian

**Additional Comments:**

**Note**

## LITHU 201 - Second-Year Lithuanian

### Course Information

**Teaching Area (new)**
LITHU
**Course Number**
201
**Teaching Area**
LITHU
**Course Title**
Second-Year Lithuanian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Lithuanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- LITHU 102 - First-Year Lithuanian

**Additional Comments:**

**Note**

Credit by examination only. Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Speaking | 193291, 1 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Comprehension | 193300, 2 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Writing | 193308, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193317, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

Credit by examination only. Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Vocabulary | 193325, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Elaboration | 193334, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
| --- | --- |
| Grammar | 193343, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 193352, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## LITHU 202 - Second-Year Language Study: Lithuanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LITHU | 202 |

**Teaching Area**
LITHU
**Course Title**
Second-Year Language Study: Lithuanian
**Course Description**
Continued emphasis on Lithuanian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

## LITHU 211R - Second-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LITHU | 211R |

**Teaching Area**
LITHU
**Course Title**
Second-Year Conversation
**Course Description**
Intermediate listening comprehension and speaking skills in Lithuanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LITHU 201 - Second-Year Lithuanian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197501, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197502, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

### Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LITHU 201 - Second-Year Lithuanian

**Additional Comments:**

**Other Prerequisites**
Foreign residence experience
**Note**
Credit by examination only. Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Conversation | 193362, 1 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

| Title | Tags |
|---|---|
| Survival Transactions | 193371, 2 |

**Learning Outcome**
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 194894, 3 |

**Learning Outcome**
Be understood by native speakers accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197503, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197504, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## LITHU 305 - Language Skills Development: Lithuanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LITHU | 305 |

**Teaching Area**
LITHU
**Course Title**
Language Skills Development: Lithuanian
**Course Description**
Increasing proficiency in one or more of the following Lithuanian language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197570, 1 |

**Learning Outcome**

## LITHU 321 - Advanced Grammar: Lithuanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| LITHU | 321 |

**Teaching Area**
LITHU
**Course Title**
Advanced Grammar: Lithuanian
**Course Description**
Systematic review of grammar and syntax of Lithuanian.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 197571, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197572, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LITHU 202 - Second-Year Language Study: Lithuanian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197588, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197589, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197596, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

# LITHU 330 - Cultural History of Lithuania.

## Course Information

**Teaching Area (new)**
LITHU
**Course Number**
330
**Teaching Area**
LITHU
**Course Title**
Cultural History of Lithuania.
**Course Description**
Study of Lithuanian culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**

# LITHU 340 - Introduction to Literature: Lithuanian

## Course Information

**Teaching Area (new)**
LITHU
**Course Number**
340
**Teaching Area**
LITHU
**Course Title**
Introduction to Literature: Lithuanian
**Course Description**
Advanced study of Lithuanian literature. Continued emphasis on communication skills and culture.
**Department**

When Taught
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Lithu 201 or foreign residence experience

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Comprehension | 193119, 1 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 193197, 2 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| Communication Skills | 193216, 0 |

Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- LITHU 330 - Cultural History of Lithuania.

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Learning Outcome**
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| General Education | 194902, 3 |

**Learning Outcome**
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements.

## LITHU 350 - Advanced Language Study for Career Purposes: Lithuanian

### Course Information

**Teaching Area (new)**
LITHU

**Course Number**
350

**Teaching Area**
LITHU

**Course Title**
Advanced Language Study for Career Purposes: Lithuanian

**Course Description**
Concentration on Lithuanian language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- LITHU 330 - Cultural History of Lithuania.

**Additional Comments:**

## LT AM 211 - Introduction to Latin American Studies

### Course Information

**Teaching Area (new)**
LT AM

**Course Number**
211

**Teaching Area**
LT AM

**Course Title**
Introduction to Latin American Studies

**Course Description**
History, politics, sociology, geography, and culture of Latin America.

**Department**
Internationl&Area Studies

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## LT AM 495 - Senior Seminar in Latin American Studies

### Course Information

**Teaching Area (new)**
LT AM

**Course Number**
495

**Teaching Area**
LT AM

**Course Title**
Senior Seminar in Latin American Studies

**Course Description**
Sources, materials, and methods of research and writing; critical analysis of a research project.

**Department**
Internationl&Area Studies

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent for minors

**Note**
Required for all Latin American Studies majors their senior year.

**Title**
Critical Thinking/Effective Writing

**Tags**
200105, 0

**Learning Outcome**
This a capstone course taylored to individual research and study topics.

## M COM 320 - Management Communication

### Course Information

**Teaching Area (new)**
M COM

**Course Number**
320

**Teaching Area**
M COM

**Course Title**
Management Communication

**Course Description**
Developing written and oral communications for professional organizations, including composing and designing employment communications. Incorporates oral presentations.

**Department**
Management

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
GE First-Year Writing requirement. Recommended to be taken before senior year. Not for freshmen.

**Note**
Fulfills GE Advanced Written and Oral Communication requirement.

## M COM 420 - Marriott Student Review

### Course Information

**Course Number**
420

**Teaching Area**
M COM

## M GRK 100 - Language Study: Modern Greek

### Course Information

**Teaching Area (new)**
M GRK

**Course Number**
100

M COM
**Course Title**
Marriott Student Review
**Course Description**
Develop advanced communication skills by engaging in real-world projects. Collaborate to publish a student, peer-reviewed business journal in both print and digital formats, as well as create business podcasts in English and Spanish.
**Department**
Public Service and Ethics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- M COM 320 - Management Communication

**Additional Comments:**

**Learning Outcome**
Critically assess, edit, and revise original, well-researched business articles in order to ensure clarity, precision, and professionalism before publishing articles in the Marriott Student Review student journal or the Marriott Saturday Reads weekly business blog.

**Learning Outcome**
Demonstrate competency in scriptwriting, interviewing, recording, editing, and utilizing professional podcasting platforms and technologies by producing high-quality, business podcasts in both English and Spanish.

**Learning Outcome**
Plan and execute complex projects, allocating resources judiciously, meeting deadlines and milestones in a team environment, and providing and receiving feedback professionally and respectfully.

**Teaching Area**
M GRK
**Course Title**
Language Study: Modern Greek
**Course Description**
Survival-level conversation, reading, listening, and culture skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 197506, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 197507, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 197508, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

Learning Outcome
Engage in reflective practice, evaluating personal growth and skill development by developing a personal action plan for continued improvement in business communication.

Learning Outcome
Recognize and uphold ethical standards in all stages of the publishing process and podcast production and develop ways to incorporate the Marriott School Mission and Values into both business publications and podcasts.

## M GRK 101 - First-Year Language Study: Modern Greek

### Course Information

**Teaching Area (new)**
M GRK
**Course Number**
101
**Teaching Area**
M GRK
**Course Title**
First-Year Language Study: Modern Greek
**Course Description**
Beginning speaking, listening, reading, and writing skills.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

## M GRK 102 - First-Year Language Study: Modern Greek

### Course Information

**Teaching Area (new)**
M GRK
**Course Number**
102
**Teaching Area**
M GRK
**Course Title**
First-Year Language Study: Modern Greek
**Course Description**
Second-semester speaking, listening, reading, and writing skills.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
|---|---|
| Comprehension | 197509, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 197510, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 197511, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 197512, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- M GRK 101 - First-Year Language Study: Modern Greek

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 197513, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 197514, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 197515, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 197516, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## M GRK 201 - Second-Year Language Study: Modern Greek

### Course Information

| Teaching Area (new) | Course Number |
|---|---|

## M GRK 202 - Second-Year Language Study: Modern Greek

### Course Information

| Teaching Area (new) | Course Number |
|---|---|

M GRK 201
**Teaching Area**
M GRK
**Course Title**
Second-Year Language Study: Modern Greek
**Course Description**
Intermediate speaking, listening, reading, and writing skills.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- M GRK 102 - First-Year Language Study: Modern Greek

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197517, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197518, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading

M GRK 202
**Teaching Area**
M GRK
**Course Title**
Second-Year Language Study: Modern Greek
**Course Description**
Continued emphasis on communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- M GRK 201 - Second-Year Language Study: Modern Greek

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197521, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197522, 2 |

comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 197519, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 197520, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

| Comprehension | 197522, 2 |
| --- | --- |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197523, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197524, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## M GRK 305 - Language Skills Development: Modern Greek

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| M GRK | 305 |

**Teaching Area**
M GRK
**Course Title**
Language Skills Development: Modern Greek
**Course Description**
Increasing proficiency in one or more of the following target-language or target-culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

## M GRK 321 - Advanced Grammar: Modern Greek

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| M GRK | 321 |

**Teaching Area**
M GRK
**Course Title**
Advanced Grammar: Modern Greek
**Course Description**
Systematic review of grammar and syntax of target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197525, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 197526, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197527, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- M GRK 202 - Second-Year Language Study: Modern Greek

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197528, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197529, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197530, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## M GRK 330 - Advanced Language Proficiency Through Cultural Studies:

## M GRK 340 - Introduction to Literature: Modern Greek

## Proficiency Through Cultural Studies: Modern Greek

### Course Information

**Teaching Area (new)**
M GRK

**Course Number**
330

**Teaching Area**
M GRK

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Modern Greek

**Course Description**
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
M Grk 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197531, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197532, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper

## Modern Greek

### Course Information

**Teaching Area (new)**
M GRK

**Course Number**
340

**Teaching Area**
M GRK

**Course Title**
Introduction to Literature: Modern Greek

**Course Description**
Advanced study of literature of target language. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- M GRK 330 - Advanced Language Proficiency Through Cultural Studies: Modern Greek

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197535, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197536, 2 |

and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197533, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197534, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 197537, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197538, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## M GRK 350 - Advanced Language Study for Career Purposes: Modern Greek

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| M GRK | 350 |

**Teaching Area**
M GRK
**Course Title**
Advanced Language Study for Career Purposes: Modern Greek
**Course Description**
Concentration on target-language and target-culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## MALAG 100 - Language Study: Malagasy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAG | 100 |

**Teaching Area**
MALAG
**Course Title**
Language Study: Malagasy
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Malagasy.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- M GRK 330 - Advanced Language Proficiency Through Cultural Studies: Modern Greek

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 197539, 1 |

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 197540, 2 |

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197541, 3 |

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197542, 4 |

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 197544, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197545, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197546, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197543, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## MALAG 101 - First-Year Language Study: Malagasy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAG | 101 |

**Teaching Area**
MALAG
**Course Title**
First-Year Language Study: Malagasy
**Course Description**
Beginning speaking, listening, reading, and writing skills in Malagasy.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 197547, 1 |

## MALAG 102 - First-Year Language Study: Malagasy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAG | 102 |

**Teaching Area**
MALAG
**Course Title**
First-Year Language Study: Malagasy
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Malagasy.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197550, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197552, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197553, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MALAG 101 - First-Year Language Study: Malagasy

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 197555, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197556, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197558, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197560, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## MALAG 201 - Second-Year Language Study: Malagasy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAG | 201 |

**Teaching Area**
MALAG

## MALAG 202 - Second-Year Language Study: Malagasy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAG | 202 |

**Teaching Area**
MALAG

MALAG
**Course Title**
Second-Year Language Study: Malagasy
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Malagasy.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MALAG 102 - First-Year Language Study: Malagasy

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197562, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197563, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production

MALAG
**Course Title**
Second-Year Language Study: Malagasy
**Course Description**
Continued emphasis on Malagasy communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MALAG 201 - Second-Year Language Study: Malagasy

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197573, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197574, 2 |

**Learning Outcome**

(speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 197564, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 197565, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197576, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197578, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## MALAG 305 - Language Skills Development: Malagasy

### Course Information

**Teaching Area (new)**
MALAG
**Course Number**
305
**Teaching Area**
MALAG
**Course Title**
Language Skills Development: Malagasy
**Course Description**
Increasing proficiency in one or more of the following Malagasy language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

## MALAG 321 - Advanced Grammar: Malagasy

### Course Information

**Teaching Area (new)**
MALAG
**Course Number**
321
**Teaching Area**
MALAG
**Course Title**
Advanced Grammar: Malagasy
**Course Description**
Systematic review of grammar and syntax of Malagasy.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197582, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 197584, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197587, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MALAG 202 - Second-Year Language Study: Malagasy

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197590, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197592, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197595, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## MALAG 330 - Advanced Language Proficiency Through Cultural Studies: Malagasy

## MALAG 340 - Introduction to Literature: Malagasy

**Course Information**

## Course Information

**Teaching Area (new)**
MALAG

**Course Number**
330

**Teaching Area**
MALAG

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Malagasy

**Course Description**
Study of Malagasy culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Malag 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

**Title**
Communication Skills

**Tags**
197619, 1

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

**Title**
Comprehension

**Tags**
197621, 2

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their

## Course Information

**Teaching Area (new)**
MALAG

**Course Number**
340

**Teaching Area**
MALAG

**Course Title**
Introduction to Literature: Malagasy

**Course Description**
Advanced study of Malagasy literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MALAG 330 - Advanced Language Proficiency Through Cultural Studies: Malagasy

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Recognize and Analyze

**Tags**
197624, 1

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

**Title**
Key Characteristics

**Tags**
197625, 2

**Learning Outcome**
Identify and discuss key

encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197622, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197623, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 197626, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197627, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## MALAG 350 - Advanced Language Study for Career Purposes: Malagasy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAG | 350 |

**Teaching Area**
MALAG
**Course Title**
Advanced Language Study for Career Purposes: Malagasy
**Course Description**
Concentration on Malagasy language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

## MALAY 100 - Language Study: Malay

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAY | 100 |

**Teaching Area**
MALAY
**Course Title**
Language Study: Malay
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Malay.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MALAG 330 - Advanced Language Proficiency Through Cultural Studies: Malagasy

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 197628, 1 |

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 197629, 2 |

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197630, 3 |

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197631, 4 |

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 197632, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197633, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197634, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

career. This will include interpersonal communication and both written and oral presentational communication.

## MALAY 101 - First-Year Language Study: Malay

### Course Information

**Teaching Area (new)**
MALAY

**Course Number**
101

**Teaching Area**
MALAY

**Course Title**
First-Year Language Study: Malay

**Course Description**
Beginning speaking, listening, reading, and writing skills in Malay.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
197635, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
197636, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions,

## MALAY 102 - First-Year Language Study: Malay

### Course Information

**Teaching Area (new)**
MALAY

**Course Number**
102

**Teaching Area**
MALAY

**Course Title**
First-Year Language Study: Malay

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Malay.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MALAY 101 - First-Year Language Study: Malay

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Comprehension

**Tags**
197639, 1

basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197637, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197638, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197640, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197641, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197642, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## MALAY 201 - Second-Year Language Study: Malay

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAY | 201 |

**Teaching Area**
MALAY
**Course Title**
Second-Year Language Study: Malay
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Malay.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

## MALAY 202 - Second-Year Language Study: Malay

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAY | 202 |

**Teaching Area**
MALAY
**Course Title**
Second-Year Language Study: Malay
**Course Description**
Continued emphasis on Malay communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MALAY 102 - First-Year Language Study: Malay

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197643, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197644, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197645, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 197646, 4 |

4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MALAY 201 - Second-Year Language Study: Malay

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197647, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197648, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197649, 3 |

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197650, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## MALAY 305 - Language Skills Development: Malay

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAY | 305 |

Teaching Area
MALAY
Course Title
Language Skills Development: Malay
Course Description
Increasing proficiency in one or more of the following Malay language and culture skills: speaking, listening, reading, writing, cultural awareness.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
1

Fixed
4

Other Prerequisites
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197651, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

## MALAY 321 - Advanced Grammar: Malay

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAY | 321 |

Teaching Area
MALAY
Course Title
Advanced Grammar: Malay
Course Description
Systematic review of grammar and syntax of Malay.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

| Title | Tags |
| --- | --- |
| Communication | 197652, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197653, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MALAY 202 - Second-Year Language Study: Malay

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197654, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197655, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197656, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## MALAY 330 - Advanced Language Proficiency Through Cultural Studies: Malay

### Course Information

**Teaching Area (new)**
MALAY
**Course Number**
330
**Teaching Area**
MALAY
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Malay
**Course Description**
Study of Malay culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

## MALAY 340 - Introduction to Literature: Malay

### Course Information

**Teaching Area (new)**
MALAY
**Course Number**
340
**Teaching Area**
MALAY
**Course Title**
Introduction to Literature: Malay
**Course Description**
Advanced study of Malay literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Malay 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197657, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197658, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197659, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MALAY 330 - Advanced Language Proficiency Through Cultural Studies: Malay

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197661, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197662, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197663, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197664, 4 |

major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197660, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## MALAY 350 - Advanced Language Study for Career Purposes: Malay

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MALAY | 350 |

**Teaching Area**
MALAY
**Course Title**
Advanced Language Study for Career Purposes: Malay
**Course Description**
Concentration on Malay language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MALAY 330 - Advanced Language Proficiency Through

## MAORI 100 - Language Study: Maori

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MAORI | 100 |

**Teaching Area**
MAORI
**Course Title**
Language Study: Maori
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Maori.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 197924, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Cultural Studies: Malay

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 197665, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 197666, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197667, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197668, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197669, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

| Title | Tags |
| --- | --- |
| Social Situations | 197925, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197926, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## MAORI 101 - First-Year Language Study: Maori

### Course Information

**Teaching Area (new)**
MAORI

**Course Number**
101

**Teaching Area**
MAORI

**Course Title**
First-Year Language Study: Maori

**Course Description**
Beginning speaking, listening, reading, and writing skills in Maori.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
197927, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
197928, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**

**Tags**

## MAORI 102 - First-Year Language Study: Maori

### Course Information

**Teaching Area (new)**
MAORI

**Course Number**
102

**Teaching Area**
MAORI

**Course Title**
First-Year Language Study: Maori

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Maori.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MAORI 101 - First-Year Language Study: Maori

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Comprehension

**Tags**
197931, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Writing | 197929, 3 |
|---|---|

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 197930, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
|---|---|
| Speaking | 197932, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 197933, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 197934, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## MAORI 201 - Second-Year Language Study: Maori

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MAORI | 201 |

**Teaching Area**
MAORI
**Course Title**
Second-Year Language Study: Maori
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Maori.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

## MAORI 202 - Second-Year Language Study: Maori

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MAORI | 202 |

**Teaching Area**
MAORI
**Course Title**
Second-Year Language Study: Maori
**Course Description**
Continued emphasis on Maori communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MAORI 102 - First-Year Language Study: Maori

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197935, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197936, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197937, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 197938, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MAORI 201 - Second-Year Language Study: Maori

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197939, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197940, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197941, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of

important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197942, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## MAORI 305 - Language Skills Development: Maori

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MAORI | 305 |

**Teaching Area**
MAORI
**Course Title**
Language Skills Development: Maori
**Course Description**
Increasing proficiency in one or more of the following Maori language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197943, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 197944, 2 |

**Learning Outcome**

## MAORI 321 - Advanced Grammar: Maori

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MAORI | 321 |

**Teaching Area**
MAORI
**Course Title**
Advanced Grammar: Maori
**Course Description**
Systematic review of grammar and syntax of Maori.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197945, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

- MAORI 202 - Second-Year Language Study: Maori

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197946, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197947, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 197948, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## MAORI 330 - Advanced Language Proficiency Through Cultural Studies: Maori

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MAORI | 330 |

**Teaching Area**
MAORI
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Maori
**Course Description**
Study of Maori culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## MAORI 340 - Introduction to Literature: Maori

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MAORI | 340 |

**Teaching Area**
MAORI
**Course Title**
Introduction to Literature: Maori
**Course Description**
Advanced study of Maori literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Maori 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 197949, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 197950, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197951, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MAORI 330 - Advanced Language Proficiency Through Cultural Studies: Maori

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 197953, 1 |

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 197954, 2 |

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 197955, 3 |

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197956, 4 |

Learning Outcome
Improve target-language reading, writing, and speaking skills.

| Title | Tags |
| --- | --- |
| General Education Requirements | 197952, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## MAORI 350 - Advanced Language Study for Career Purposes: Maori

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MAORI | 350 |

Teaching Area
MAORI
Course Title
Advanced Language Study for Career Purposes: Maori
Course Description
Concentration on Maori language and culture issues for specific careers.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites
Complete ALL of the following Courses:
- MAORI 330 - Advanced Language Proficiency Through Cultural Studies: Maori

Additional Comments:

| Title | Tags |
| --- | --- |

## MARSH 100 - Language Study: Marshallese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MARSH | 100 |

Teaching Area
MARSH
Course Title
Language Study: Marshallese
Course Description
Survival-level conversation, reading, listening, and culture skills in Marshallese.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
2
Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Note
Survival-level conversation, reading, listening, and culture skills in the target language.

| Title | Tags |
| --- | --- |
| Speaking | 197781, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197782, 2 |

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 197957, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 197958, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197959, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197960, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197961, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

| Title | Tags |
| --- | --- |
| Social Situations | 197782, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197783, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## MARSH 101 - First-Year Language Study: Marshallese

## MARSH 102 - First-Year Language Study: Marshallese

## Course Information

**Teaching Area (new)**
MARSH

**Course Number**
101

**Teaching Area**
MARSH

**Course Title**
First-Year Language Study: Marshallese

**Course Description**
Beginning speaking, listening, reading, and writing skills in Marshallese.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
197784, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
197785, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**
Writing

**Tags**
197786, 3

**Learning Outcome**
In the target language, write short, simple messages

## Course Information

**Teaching Area (new)**
MARSH

**Course Number**
102

**Teaching Area**
MARSH

**Course Title**
First-Year Language Study: Marshallese

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Marshallese.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MARSH 101 - First-Year Language Study: Marshallese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Comprehension

**Tags**
197788, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
197789, 2

**Learning Outcome**
Speak the target language well

consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197787, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197790, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197791, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## MARSH 201 - Second-Year Language Study: Marshallese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MARSH | 201 |

**Teaching Area**
MARSH
**Course Title**
Second-Year Language Study: Marshallese
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Marshallese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

## MARSH 202 - Second-Year Language Study: Marshallese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MARSH | 202 |

**Teaching Area**
MARSH
**Course Title**
Second-Year Language Study: Marshallese
**Course Description**
Continued emphasis on Marshallese communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MARSH 102 - First-Year Language Study: Marshallese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197712, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197713, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197714, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 197715, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MARSH 201 - Second-Year Language Study: Marshallese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197708, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197709, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197710, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197711, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## MARSH 305 - Language Skills Development: Marshallese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MARSH | 305 |

**Teaching Area**
MARSH
**Course Title**
Language Skills Development: Marshallese
**Course Description**
Increasing proficiency in one or more of the following Marshallese language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197792, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 197793, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may

## MARSH 321 - Advanced Grammar: Marshallese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MARSH | 321 |

**Teaching Area**
MARSH
**Course Title**
Advanced Grammar: Marshallese
**Course Description**
Systematic review of grammar and syntax of Marshallese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MARSH 202 - Second-Year Language Study: Marshallese

**Additional Comments:**

the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197794, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197795, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197796, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197797, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## MARSH 330 - Advanced Language Proficiency Through Cultural Studies: Marshallese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MARSH | 330 |

**Teaching Area**
MARSH
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Marshallese
**Course Description**
Study of Marshallese culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## MARSH 340 - Introduction to Literature: Marshallese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MARSH | 340 |

**Teaching Area**
MARSH
**Course Title**
Introduction to Literature: Marshallese
**Course Description**
Advanced study of Marshallese literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Marsh 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197798, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197799, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197800, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197801, 4 |

Learning Outcome

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MARSH 330 - Advanced Language Proficiency Through Cultural Studies: Marshallese

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197716, 1 |

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197717, 2 |

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197718, 3 |

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197719, 4 |

Learning Outcome
Improve target-language reading, writing, and speaking skills.

Complete Languages of Learning and Global & Cultural Awareness for General Education.

## MARSH 350 - Advanced Language Study for Career Purposes: Marshallese

### Course Information

**Teaching Area (new)**
MARSH
**Course Number**
350
**Teaching Area**
MARSH
**Course Title**
Advanced Language Study for Career Purposes: Marshallese
**Course Description**
Concentration on Marshallese language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MARSH 330 - Advanced Language Proficiency Through Cultural Studies: Marshallese

**Additional Comments:**

**Title**
Defined Career Purposes
**Tags**
197720, 1
**Learning Outcome**

## MATH 097 - Intermediate Algebra

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
097
**Teaching Area**
MATH
**Course Title**
Intermediate Algebra
**Course Description**
Elementary logic, real number system, equations and inequalities (linear, polynomial, rational, and radical expressions), graphing, function notation, inverse function, exponential functions, systems of equations, variations.
**Department**
Mathematics
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0
**Fixed**
0

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
High school algebra.
**Fee**
75
**Note**
Fee. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Elementary logic, real number system, etc.
**Tags**
204873, 0
**Learning Outcome**
This course is not offered on BYU campus, but is available only through BYU Independent

Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 197721, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197722, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197723, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197724, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

Study.Elementary logic, real number system, equations and inequalities (linear, polynomial, rational, and radical expressions), graphing, function notation, inverse functions, exponential functions, systems of equations, variations. 56 lessons, 2 assignment submissions, all instructor-graded; 4 proctored midcourse exams, all computer-graded Speedback; proctored computer-graded final exam.For more detailed information, visit the Math 97 Independent Study website.

## MATH 102 - Quantitative Reasoning

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
102

**Teaching Area**
MATH

**Course Title**
Quantitative Reasoning

**Course Description**
Practicing and applying quantitative reasoning: personal finance, consumer statistics, etc.

**Department**
Mathematics

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
For students who do not need developmental algebra for subsequent courses. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Practicing and applying quantitative reasoning

**Tags**
204854, 0

**Learning Outcome**
For students who do not need developmental algebra for subsequent courses. For more detailed information, visit the Math 102 Wiki page.

## MATH 109 - Precalculus

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
109

**Teaching Area**
MATH

**Course Title**
Precalculus

**Course Description**
Functions, trigonometric functions and their graphs, trigonometric identities, solving trigonometric equations, equations of lines, slope-intercept and point-slope form of a line, secant lines and average rates of change, rates of change in the sciences, graphical introduction to limits.

**Department**
Mathematics

**When Taught**
Fall Term 2; Winter Term 2.

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Not for students with Math 112 credit.

**Recommended**
Concurrent enrollment in Math 110. \nMath 97 or Algebra II in high school

## MATH 110 - College Algebra

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
110

## MATH 111 - Trigonometry

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
111

**Teaching Area**
MATH
**Course Title**
College Algebra
**Course Description**
Functions, polynomials, theory of equations, exponential and logarithmic functions, matrices, systems of linear equations, permutations, combinations, binomial theorem.
**Department**
Mathematics
**When Taught**
All Semesters/Terms

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Math 97 or equivalent (see Independent Study).
**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Functions, polynomials, theory of equations, etc.
**Tags**
204851, 1

**Learning Outcome**
This course prepares students to take courses in calculus, statistics, mathematics for elementary education majors, and other areas where algebra skills are required. Fluent skills in algebra are necessary for success in any area that uses mathematical analysis. The mastery of college algebra requires well-developed skills, clear conceptual understanding, and the ability to model phenomena in a variety of settings. College Algebra develops the concepts of graphing functions, polynomial and rational functions, exponential and logarithmic functions, conic sections, solving systems of equations, the binomial theorem,

**Teaching Area**
MATH
**Course Title**
Trigonometry
**Course Description**
Circular functions, triangle relationships, identities, inverse trig functions, trigonometric equations, vectors, complex numbers, DeMoivre's theorem.
**Department**
Mathematics
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 110 or equivalent
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Circular functions, triangle relationships, identities, etc.
**Tags**
204875, 1

**Learning Outcome**
Students should gain familiarity and proficiency with the basic theorems of trigonometry. For more detailed information, visit the Math 111 Wiki page.

permutations, combinations, and probability. This course contributes to all the expected learning outcomes of the Mathematics BS degree. For more detailed information, visit the Math 110 Wiki page.

| Title | Tags |
| --- | --- |
| Exponential and Logarithmic Functions | 204857, 2 |

**Learning Outcome**

Exponential functionsLogarithmic functionsProperties of LogarithmsLogarithmic and exponential equationsCompound interestExponential growth and decay

| Title | Tags |
| --- | --- |
| Functions and their graphs | 204869, 0, 0 |

**Learning Outcome**

Graph functions using horizontal and vertical shifts
Graph functions using compressions and stretches
Graph functions using reflections about the x-axis or y-axis
Form composite functions and find the domain
Determine the inverse of a function
Graph an inverse function from the graph of a function

| Title | Tags |
| --- | --- |
| Polynomial and Rational Functions | 204861, 0, 1 |

**Learning Outcome**

Quadratic functions
Polynomial functions
Rational functions
Polynomial and rational inequalities
The real zeros of a polynomial function
Complex zeros and the Fundamental Theorem of Algebra
The Intermediate Value Theorem.
The inequalities |x-a|<b and a-b<x<a+b

b<x<a+b

| Title | Tags |
| --- | --- |
| Systems of Equations and Inequalities | 204867, 0, 4 |

**Learning Outcome**

Solve systems of linear equations using substitution and elimination. Detect systems that have infinitely many solutions or no solutions.
Solve systems of non-linear equations using substitution and elimination, including systems with multiple solutions.

| Title | Tags |
| --- | --- |
| Sequences and Induction | 204855, 0, 5 |

**Learning Outcome**

Find terms in a sequence using a formula and a recursive definition.
Given terms in a sequence that follow a pattern, produce a formula for the sequence.
Find a formula for terms in an arithmetic sequence and be able to add the terms of a finite arithmetic sequence.
Find a formula for the terms in a geometric sequence and be able to find the sum of finite and infinite geometric series.

| Title | Tags |
| --- | --- |
| Counting and Probability | 204866, 0, 6 |

**Learning Outcome**

Count the number of ways in which a sequence of events can occur (the Rule of Product).
Compute probabilities based on equally likely outcomes.
Compute probabilities of complements of events and unions of disjoint events.
Compute the probability of a sequence of independent events.

## MATH 112 - Calculus 1

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
112

**Teaching Area**
MATH

**Course Title**
Calculus 1

**Course Description**
Differential and integral calculus: limits; continuity; the derivative and applications; extrema; the definite integral; fundamental theorem of calculus; L'Hopital's rule.

**Department**
Mathematics

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu. Students will be required to take a pretest which will be available online during the first week of the semester. Students will receive information about the pretest from their instructors on the first day of class.

| Title | Tags |
|---|---|
| Differential and integral calculus | 204918, 1 |

**Learning Outcome**
This course is designed for students majoring in the mathematical and physical sciences, engineering, or mathematics education and for students minoring in mathematics or mathematics education. Calculus is the foundation for most of the mathematics studied at the university level. The mastery of

## MATH 113 - Calculus 2

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
113

**Teaching Area**
MATH

**Course Title**
Calculus 2

**Course Description**
Techniques and applications of integration; sequences, series, convergence tests, power series; parametric equations; polar coordinates.

**Department**
Mathematics

**When Taught**
Fall; Winter; Spring-Summer; Spring; Summer.

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 112.

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Techniques and applications of integration, etc. | 204919, 1 |

**Learning Outcome**
This course is designed for students majoring in the mathematical and physical sciences, engineering, or mathematics education and for students minoring in mathematics or mathematics education. Calculus is the foundation for most of the mathematics studied at the university level. The mastery of

calculus requires well-developed skills, clear conceptual understanding, and the ability to model phenomena in a variety of settings. Calculus 1 develops the concepts of limit, derivative, and integral, and is fundamental for many fields of mathematics. This course contributes to all the expected learning outcomes of the Mathematics BS. For more detailed information, visit the Math 112 Wiki page.

calculus requires well-developed skills, clear conceptual understanding, and the ability to model phenomena in a variety of settings. Calculus 2 develops techniques of integration, applications of integration, infinite sequences and series, parametric curves, polar coordinates, and conic sections. This course contributes to all the expected learning outcomes of the Mathematics BS. For a more detailed course description, visit the Math 113 Wiki page.

## MATH 116 - Essentials of Calculus

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
116
**Teaching Area**
MATH
**Course Title**
Essentials of Calculus
**Course Description**
Review of algebra, graph of line, slope. Limits and derivatives (standard functions, compositions of such functions), derivative for polynomials, exponentials, logarithms. Product, quotient and chain rule. Optimization (extrema), application to business problems. Newton's method.
**Department**
Mathematics
**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 110.
**Note**
Also offered by BYU Independent Study; enroll anytime throughout

## MATH 118 - Finite Mathematics

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
118
**Teaching Area**
MATH
**Course Title**
Finite Mathematics
**Course Description**
Language of set theory, counting and combinations. Probability theory, elementary stochastic processes, conditional probabilities. Repeated experiments, random variables, expectation, variance, linear equations, matrix algebra, application to economics or similar. Linear programming. Markov chains including applications.
**Department**
Mathematics
**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 110.
**Note**
NOTE: Additional seats for specific sections may be available to

year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| A brief overview of differential calculus | 204856, 1 |

**Learning Outcome**
Students receive a brief overview of differential calculus. Topics covered include limits, derivatives, and applications of differentiation to optimization of functions.For more detailed information visit the Math 116 Wiki page.

Freshman Mentoring participants through envelopes. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| The basic elements and applications of finite mathematics | 204871, 1 |

**Learning Outcome**
Prepares students for a broad range of applications in business, the life sciences, and the social sciences.For more detailed information visit the Math 118 Wiki page.

## MATH 191 - Seminar in Mathematics 1

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
191
**Teaching Area**
MATH
**Course Title**
Seminar in Mathematics 1
**Course Description**
Careers, topics, and problems in mathematics.
**Department**
Mathematics
**When Taught**
Fall

### Credit Hours

**Min**
0.5
**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Students should be familiar with the following items: | 204920, 1 |

**Learning Outcome**

## MATH 213 - Elementary Linear Algebra

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
213
**Teaching Area**
MATH
**Course Title**
Elementary Linear Algebra
**Course Description**
Concepts and applications of linear systems, matrices, vectors and vector spaces, linear transformations, determinants, inner product spaces, eigenvalues, and eigenvectors.
**Department**
Mathematics
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 112.

| Title | Tags |
| --- | --- |
| Distinguish | 212369, 0, 1 |

Scholarships, undergraduate research, departmental activities, and summer programs available to BYU mathematics majors.
Career options available to mathematics majors;
Several current research topics in mathematics; and
Aspects of the culture of the mathematics community.

For more information, visit the Math 191 Wiki page.

**Learning Outcome**
Students will be able to distinguish between true and plausibly-sounding false propositions about matrices and vectors.

| Title | Tags |
|---|---|
| Construct | 212370, 0, 2 |

**Learning Outcome**
Students will be able to construct examples and counterexamples illustrating relations between different elementary linear-algebraic concepts.

| Title | Tags |
|---|---|
| Categorize | 212371, 0, 3 |

**Learning Outcome**
Students will be able to categorize matrices according to their properties.

| Title | Tags |
|---|---|
| Calculate | 212372, 0, 4 |

**Learning Outcome**
Students will be able to calculate precisely and efficiently, choosing appropriate methods.

## MATH 215 - Computational Linear Algebra

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MATH | 215 |

**Teaching Area**
MATH
**Course Title**
Computational Linear Algebra
**Course Description**
Practical linear algebraic computations and applications.
**Department**
Mathematics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

## MATH 222 - Seminar in Mathematics 2

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MATH | 222 |

**Teaching Area**
MATH
**Course Title**
Seminar in Mathematics 2
**Course Description**
Careers, topics, and problems in mathematics. Use of Maple, Mathematica, and TeX in mathematics.
**Department**
Mathematics
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
1

Other Prerequisites
Math 112.

Recommended
Concurrent or previous enrollment in Math 213 or Math 313

Title
Solve

Tags
212373, 0, 1

Learning Outcome
Students will be able to solve large-scale linear-algebraic problems.

Title
Apply

Tags
212374, 0, 2

Learning Outcome
Students will be able to apply matrices and vectors to analyze scientific and technological systems.

Title
Implement

Tags
212375, 0, 3

Learning Outcome
Students will be able to implement linear-algebraic techniques in suitable computing environments.

0.5

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 191 - Seminar in Mathematics 1

**Additional Comments:**

Title
Careers, topics, and problems in mathematics.

Tags
204863, 0

Learning Outcome
Scholarships, undergraduate research, departmental activities, and summer programs available to BYU mathematics majors.Career options available to mathematics majors;Several current research topics in mathematics; andAspects of the culture of the mathematics community.

## MATH 290 - Fundamentals of Mathematics

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
290

**Teaching Area**
MATH

**Course Title**
Fundamentals of Mathematics

**Course Description**
Achieving maturity in mathematical communication. Introduction to mathematical proof; methods of proof; analysis of proof; induction; logical reasoning.

**Department**
Mathematics

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 112 or concurrent enrollment with instructor's consent.

**Title**
Achieving maturity in mathematical communication.

**Tags**
204921, 1

**Learning Outcome**
This course is aimed at undergraduate mathematics and mathematics education majors. It is a first course in mathematical thinking. It is intended as an introduction to mathematical proof, and students who finish the course should achieve maturity in mathematical communication. For more detailed information visit the Math 290 Wiki page.

## MATH 300 - (Math-MthEd) History and Philosophy of Mathematics

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
300

**Teaching Area**
MATH

**Course Title**
(Math-MthEd) History and Philosophy of Mathematics

**Course Description**
Historical development of important mathematical ideas and philosophies; implications for the mathematical curriculum.

**Department**
Mathematics

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 113.

**Title**
Complexity of Human Mathematical Activity and Learning

**Tags**
204872, 3

**Learning Outcome**
Through understanding the complex relationship between mathematical practices and human experience, students appreciate the complexity of teaching and learning mathematics and the different approaches and experiences adolescents will bring to learning those practices.

## MATH 302 - Mathematics for Engineering 1

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
302

**Teaching Area**
MATH

**Course Title**
Mathematics for Engineering 1

**Course Description**
Multivariable calculus, linear algebra, and numerical methods.

**Department**
Mathematics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 113.

**Note**
A passing grade on the Math 302 pretest is prerequisite for MATH 302. See math.byu.edu/~math302/ for details.

**Title**
Multivariable calculus, linear algebra, numerical methods

**Tags**
205026, 1

**Learning Outcome**
This course is designed to give students from the College of Engineering the mathematics background necessary to succeed in their chosen field. For more detailed information, please visit the department wiki for this course at Math 302 Wiki page.

## MATH 303 - Mathematics for Engineering 2

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
303

**Teaching Area**
MATH

**Course Title**
Mathematics for Engineering 2

**Course Description**
ODEs, Laplace transforms, Fourier series, PDEs.

**Department**
Mathematics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- MATH 302 - Mathematics for Engineering 1

**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra
  **AND** MATH 314 - Calculus of Several Variables

**Additional Comments:**

**Title**
ODEs, Laplace transforms, Fourier series, PDEs

**Tags**
205486, 1

**Learning Outcome**
This course is designed to give students from the College of Engineering the mathematics background necessary to succeed in their chosen field. For a more

detailed course description,
visit Math 303 Wiki page.

## MATH 314 - Calculus of Several Variables

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
314
**Teaching Area**
MATH
**Course Title**
Calculus of Several Variables
**Course Description**
Partial differentiation, the Jacobian matrix, and integral theorems of vector calculus.
**Department**
Mathematics
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 113 - Calculus 2

**Additional Comments:**

**Title**
Partial differentiation, the Jacobian matrix, etc.
**Tags**
204923, 1

**Learning Outcome**
This course is aimed at students majoring in mathematical and

## MATH 320 - Algorithm Design and Optimization 1

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
320
**Teaching Area**
MATH
**Course Title**
Algorithm Design and Optimization 1
**Course Description**
A treatment of algorithms used to solve problems. Topics include complexity and data, approximation theory, recursive algorithms, linear optimization, unconstrained optimization, constrained optimization, global optimization.
**Department**
Mathematics
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra
  **AND** MATH 314 - Calculus of Several Variables
  **AND** MATH 341 - Theory of Analysis 1

Prerequisites

physical sciences, and engineering, and students minoring in mathematics or mathematical education. Calculus is the foundation for most of the mathematics studied at the university level. The mastery of calculus requires well-developed manipulative skills, clear conceptual understanding, and the ability to model phenomena in a variety of settings. Calculus of several variables extends the concepts of limit, integral, and derivative from one dimension to higher dimensional settings and is therefore fundamental for many fields of mathematics. This course contributes to all the expected learning outcomes of the Mathematics BS degree. For more detailed information visit the Math 314 Wiki page.

**Complete ALL of the following Courses:**

- **AND** MATH 314 - Calculus of Several Variables
  **AND** MATH 341 - Theory of Analysis 1

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 321, 344.
**Note**
Students who register for MATH 320 must also register for the same section of MATH 344 and register for MATH 321 and MATH 345.

**Title**
Introduction to Algorithms and Approximation

**Tags**
205015, 1

**Learning Outcome**
Coverage of the fundamentals of algorithm analysis including, convergence, stability, mathematics for algorithm analysis, data structures, probability, and introductory statistics. Discrete optimization and algorithms employing stochastic guessing are investigated. Additionally, students will learn about approximation methods including Fourier series and wavelets. For detailed information about desired learning outcomes visit the Math 320 Wiki page.

## MATH 321 - Algorithm Design and Optimization 1 Laboratory

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
321
**Teaching Area**
MATH
**Course Title**
Algorithm Design and Optimization 1 Laboratory
**Course Description**
Programming algorithms and using functions to implement the optimization algorithms taught in Math 320. Applications presented. Developing models and applying results of computations to the application domain.
**Department**
Mathematics
**When Taught**
Fall

### Credit Hours

**Min**
1

## MATH 322 - Algorithm Design and Optimization 2

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
322
**Teaching Area**
MATH
**Course Title**
Algorithm Design and Optimization 2
**Course Description**
Algorithms used to solve dynamic programming problems and advanced computing problems. Topics include finite-horizon and infinite-horizon dynamic programming, discrete transforms, compressed sensing, heuristics, branch and bound, conditioning and stability.
**Department**
Mathematics
**When Taught**
Winter

### Credit Hours

**Min**

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

**Other Prerequisites**
C S 111 or equivalent; concurrent enrollment in Math 320, 345.
**Note**
Students who register for Math 321 must also register for Math 320, Math 344, and Math 345.

| Title | Tags |
|---|---|
| Model Applications | 204938, 1 |

**Learning Outcome**
Students will be able to model many applications effectively using the concepts covered in Math 320. They will be able to use software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in which the models originated.

3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- MATH 320 - Algorithm Design and Optimization 1

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 323, 346.

| Title | Tags |
|---|---|
| Algorithms for approximation and optimization | 205017, 1 |

**Learning Outcome**
Algorithms for polynomial approximation and interpolation will be presented. Algorithms for optimization will be covered including those for unconstrained optimization, linear optimization, nonlinear constrained optimization, and convex optimization. Dynamic optimization and stochastic problems will also be covered. For a detailed description of desired learning outcomes visit the Math 322 Wiki page.

## MATH 323 - Algorithm Design and Optimization 2 Laboratory

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MATH | 323 |

**Teaching Area**
MATH

## MATH 334 - Ordinary Differential Equations

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MATH | 334 |

**Teaching Area**
MATH
**Course Title**

**Course Title**
Algorithm Design and Optimization 2 Laboratory
**Course Description**
Using existing software and writing code for algorithms taught in Math 322. Applications presented. Developing models and applying results to the application domain.
**Department**
Mathematics
**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 321 - Algorithm Design and Optimization 1 Laboratory

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 322, 347.

| Title | Tags |
|---|---|
| Effectively Model Applications | 204939, 1 |

**Learning Outcome**
Students will be able to model many real-world applications effectively using the concepts covered in Math 322. They will be able to use software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in which the models originated.

Ordinary Differential Equations
**Course Description**
Methods and theory of ordinary differential equations.
**Department**
Mathematics
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra

**Additional Comments:**

**Other Prerequisites**
Math 113.

| Title | Tags |
|---|---|
| Methods and theory of ordinary differential equations. | 204924, 1 |

**Learning Outcome**
This course is aimed at students majoring in mathematical and physical sciences and mathematical education. The main purpose of the course is to introduce students to the theory and methods of ordinary differential equations. The course content contributes to all the expected learning outcomes of the Mathematics BS. For more detailed information visit the Math 334 Wiki page.

# MATH 341 - Theory of Analysis 1

## Course Information

**Teaching Area (new)**
MATH

**Course Number**
341

**Teaching Area**
MATH

**Course Title**
Theory of Analysis 1

**Course Description**
Rigorous treatment of calculus of a single real variable: topology, order, completeness of real numbers; continuity, differentiability, integrability, and convergence of functions.

**Department**
Mathematics

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

No Requirements

**Other Prerequisites**
Math 113 and Math 290.

**Title**
Prove

**Tags**
204925, 0, 1, 2023-03-29 12:21:59

**Learning Outcome**
Students will be able to prove central results from single-variable analysis, as well as other results with similar derivations.

**Title**
Distinguish

**Tags**
212865, 0, 2

**Learning Outcome**
Students will be able to distinguish between true and plausibly-sounding false propositions in the language of single-variable analysis.

# MATH 342 - Theory of Analysis 2

## Course Information

**Teaching Area (new)**
MATH

**Course Number**
342

**Teaching Area**
MATH

**Course Title**
Theory of Analysis 2

**Course Description**
Rigorous treatment of calculus of several real variables; metric spaces, geometry and topology of Euclidean space, differentiation implicity function theorem, integration on sets and manifolds.

**Department**
Mathematics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra
  **AND** MATH 341 - Theory of Analysis 1
  **AND** MATH 314 - Calculus of Several Variables

**Additional Comments:**

**Title**
Rigorous treatment of calculus of several real variables.

**Tags**
204926, 1

**Learning Outcome**
Math 342 is the multivariable sequel to Math 341. It provides a rigorous treatment of multivariable calculus. Unlike the case with Math 341, Math 342 students are not required to have had an introductory course in the

had an introductory course in the subject matter, so Math 342 needs to treat both computation and theory in some depth. For more detailed information visit the Math 342 Wiki page.

| Title | Tags |
| --- | --- |
| Construct | 212866, 0, 3 |

Learning Outcome
Students will be able to construct examples and counterexamples illustrating relations between different concepts from single-variable analysis.

| Title | Tags |
| --- | --- |
| Categorize | 212867, 0, 4 |

Learning Outcome
Students will be able to categorize structures in single-variable analysis according to their properties.

## MATH 344 - Mathematical Analysis 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 344 |

Teaching Area
MATH
Course Title
Mathematical Analysis 1
Course Description
Development of theory of vector spaces, linear maps, inner product spaces, spectral theory, metric space topology, differentiation, contraction mappings and convex analysis.
Department
Mathematics
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## MATH 345 - Mathematical Analysis 1 Laboratory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 345 |

Teaching Area
MATH
Course Title
Mathematical Analysis 1 Laboratory
Course Description
Programming algorithms to implement the key mathematical methods taught in Math 344. Applications presented. Developing models and applying results of computations to the application domain.
Department
Mathematics
When Taught
Fall

### Credit Hours

Min
1
Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- MATH 213 - Elementary Linear Algebra
  **AND** MATH 314 - Calculus of Several Variables
  **AND** MATH 341 - Theory of Analysis 1

Prerequisites

**Complete ALL of the following Courses:**

-
  **AND** MATH 314 - Calculus of Several Variables
  **AND** MATH 341 - Theory of Analysis 1

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 345.
**Note**
Students who register for MATH 344 must also register for the same section of MATH 320 and register for MATH 321 and MATH 345.

| Title | Tags |
|---|---|
| Development of theories relating to specific concepts | 205013, 1 |

**Learning Outcome**
Development of the theory of vector spaces, linear maps, inner product spaces, spectral theory and metric space topology. For a detailed description of desired learning outcomes visit the Math 344 Wiki page.

**Fixed**
2

**Other Prerequisites**
C S 111 or equivalent; concurrent enrollment in Math 344.
**Note**
Students who register for MATH 345 must also register for MATH 320, MATH 321, and MATH 344.

| Title | Tags |
|---|---|
| Essential Python and numerical linear algebra | 205016, 1 |

**Learning Outcome**
Students will learn the fundamentals of Python and program algorithms to implement the key linear algebra methods taught in Math 344. Applications will be presented, and students will develop models and apply the results of the computations to the application domain.

# MATH 346 - Mathematical Analysis 2

## Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MATH | 346 |

**Teaching Area**
MATH
**Course Title**
Mathematical Analysis 2
**Course Description**
Theory of Riemann-Darboux integration, calculus on curves and surfaces, complex integration, spectral calculus, generalized inverses of matrices, basic matrix perturbation theory, groups of permutations and matrices. Time permitting, exterior calculus and differential forms.
**Department**
Mathematics
**When Taught**

# MATH 347 - Mathematical Analysis 2 Laboratory

## Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MATH | 347 |

**Teaching Area**
MATH
**Course Title**
Mathematical Analysis 2 Laboratory
**Course Description**
Programming algorithms and using functions to implement the mathematical methods taught in Math 346. Applications presented. Developing models and applying results of computations to the application domain.
**Department**
Mathematics
**When Taught**

Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 344 - Mathematical Analysis 1
  **AND** MATH 345 - Mathematical Analysis 1 Laboratory

**Additional Comments:**

Other Prerequisites
concurrent enrollment in Math 347.

| Title | Tags |
|---|---|
| Topics from nonlinear and linear analysis | 205014, 1 |

Learning Outcome
Differentiation, contraction mappings, calculus on curves and surfaces, complex analysis, spectral calculus, generalized inverses of matrices. Time permitting iterative methods, basic matrix perturbation theory and pseudospectra. For a detailed description of desired learning outcomes visit the Math 346 Wiki page.

Winter

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 345 - Mathematical Analysis 1 Laboratory

**Additional Comments:**

Other Prerequisites
concurrent enrollment in Math 346.

| Title | Tags |
|---|---|
| Expectations | 204947, 1 |

Learning Outcome
Students will be able to relate the concepts covered in Math 346 to specific aspects of many applications. They will be able to use software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in which the models originated.

## MATH 350 - Combinatorics & Graph Theory

### Course Information

Course Number
350
Teaching Area

## MATH 352 - Introduction to Complex Analysis

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MATH | 352 |

MATH
**Course Title**
Combinatorics & Graph Theory
**Course Description**
A proof-based introduction to discrete mathematics, including substantial treatment of both enumerative combinatorics and graph theory. Activities include writing and reading proofs, considering examples and counterexamples, and categorizing discrete mathematical structures.
**Department**
Mathematics
**When Taught**
Contact Department

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Untitled Requirement**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra
- MATH 290 - Fundamentals of Mathematics

**Additional Comments:**

| Title | Tags |
|---|---|
| Prove | 213979, 0, 1, 2023-08-29 10:43:34 |

**Learning Outcome**
Students will be able to prove central results from discrete mathematics, as well as other results with similar derivations.

| Title | Tags |
|---|---|
| Distinguish | 213980, 0, 2, 2023-08-29 10:43:35 |

**Learning Outcome**
Students will be able to distinguish between true and plausibly-sounding false propositions in the language of discrete mathematics.

| Title | Tags |
|---|---|
| Construct | 213981, 0, 3, 2023-08-29 10:43:36 |

**Learning Outcome**
Students will be able to construct examples and counterexamples

[redacted]
**Teaching Area**
MATH
**Course Title**
Introduction to Complex Analysis
**Course Description**
Complex algebra, analytic functions, integration in the complex plane, infinite series, theory of residues, conformal mapping.
**Department**
Mathematics
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 290 - Fundamentals of Mathematics
  **AND** MATH 314 - Calculus of Several Variables

**Additional Comments:**

**Other Prerequisites**
Math 341 or concurrent enrollment

| Title | Tags |
|---|---|
| Mastery of Concepts | 204810, 2 |

**Learning Outcome**
Students will master complex numbers, limits, analytic functions, elementary functions in the complex plane, contour integrals, Taylor series, Laurent series, isolated singularities, residue theory and applications, and conformal mappings.

| Title | Tags |
|---|---|
| Complex algebra, analytic | |

examples and counterexamples illustrating relations between different concepts from discrete mathematics.

| Title | Tags |
| --- | --- |
| Categorize | 213982, 0, 4, 2023-08-29 10:43:39 |

**Learning Outcome**
Students will be able to categorize discrete mathematical structures according to their properties.

functions, infinite series, etc. 204927, 1

**Learning Outcome**
This course is aimed at graduates majoring in mathematical and physical sciences and engineering. In addition to being an important branch of mathematics in its own right, complex analysis is an important tool for differential equations (ordinary and partial), algebraic geometry and number theory. Thus it is a core requirement for all mathematics majors. It contributes to all the expected learning outcomes of the Mathematics BS degree.For more detailed information visit the Math 352 Wiki page.

## MATH 362 - (Math-MthEd) Survey of Geometry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 362 |

**Teaching Area**
MATH
**Course Title**
(Math-MthEd) Survey of Geometry
**Course Description**
Logical and historical development of Euclidean and non-Euclidean geometry, transformations and symmetry; relationships among axiomatic systems; use of software and other geometric models; proofs and Van Hiele levels.
**Department**
Mathematics
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MATH 371 - Abstract Algebra 1.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 371 |

**Teaching Area**
MATH
**Course Title**
Abstract Algebra 1.
**Course Description**
Groups, group homomorphisms, rings, ideals, and polynomials.
**Department**
Mathematics
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 290 - Fundamentals of Mathematics

**Additional Comments:**

| Title | Tags |
|---|---|
| Knowing and Learning Geometry | 204853, 1 |

**Learning Outcome**
Students understand central objects, concepts, relationships, definitions, and theorems of Euclidean geometry, how adolescents come to understand these, and the canonical examples and alternative approaches germane to teaching secondary school geometry.

| Title | Tags |
|---|---|
| Multiple Geometries | 204858, 3 |

**Learning Outcome**
Students understand and can describe the relationships among neutral, Euclidean, and non-Euclidean geometries in terms of fundamental geometric concepts, objects, and properties (particularly parallelism), and can use the fundamental properties of axiom systems and models to provide convincing arguments about these relationships.

| Title | Tags |
|---|---|
| Communicating Geometric Ideas and Arguments | 204862, 2 |

**Learning Outcome**
Students can communicate geometric ideas effectively using a variety of appropriate representations and can construct valid proofs of geometric theorems within a given axiom system.

## MATH 372 - Abstract Algebra 2.

**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra
  **AND** MATH 290 - Fundamentals of Mathematics

**Additional Comments:**

| Title | Tags |
|---|---|
| Groups, group homomorphisms, rings, ideals, and polynomials. | 204929, 1 |

**Learning Outcome**
This course is aimed at undergraduate mathematics and mathematics education majors. It is a first course in abstract algebra. In addition to being an important branch of mathematics in its own right, abstract algebra is now an essential tool in number theory, geometry, topology, and, to a lesser extent, analysis. Thus it is a core requirement for all mathematics majors. Outside of mathematics, algebra also has applications in cryptography, coding theory, quantum chemistry, and physics. For more detailed information visit the Math 371 Wiki page.

## MATH 380 - Mathematical Foundations of

## Course Information

**Teaching Area (new)** | **Course Number**
MATH | 372

**Teaching Area**
MATH

**Course Title**
Abstract Algebra 2.

**Course Description**
Fields, Galois theory, solvability of polynomials by radicals.

**Department**
Mathematics

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 371 - Abstract Algebra 1.

**Additional Comments:**

**Title**
Fields, Galois theory, solvability of polynomials by radicals

**Tags**
204930, 1

**Learning Outcome**
Students should achieve mastery of the topics listed in the minimal learning outcomes on the Math 372 Wiki page. This means that they should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to

# Data Science

## Course Information

**Teaching Area (new)** | **Course Number**
MATH | 380

**Teaching Area**
MATH

**Course Title**
Mathematical Foundations of Data Science

**Course Description**
Mathematical aspects of data science, including high-dimensional geometry and linear algebra, optimization, and probabilistic modeling.

**Department**
Mathematics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- C S 180 - Introduction to Data Science
  **AND** MATH 215 - Computational Linear Algebra
  **AND** STAT 121 - Principles of Statistics

Prerequisites

**Complete ALL of the following Courses:**
- C S 180 - Introduction to Data Science
  **AND** MATH 215 - Computational Linear Algebra
  **AND** STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

**Other Prerequisites**
Math 112

demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the below concepts, related to, but not identical to, statements proven by the text or instructor.

## MATH 391R - Seminar in Mathematics

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
391R

**Teaching Area**
MATH

**Course Title**
Seminar in Mathematics

**Course Description**
Topics from classical problems of antiquity, combinatorial mathematics, graph theory, real functions, number theory, functional equations.

**Department**
Mathematics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Topics from any area of mathematics.

**Tags**
204852, 1

**Learning Outcome**
Specified by the instructor on a case-by-case basis. Topics may be drawn from any area of mathematics. Typical topics include the Putnam Examination, dynamic systems, combinatorial mathematics,

## MATH 393 - Survey of Advanced Mathematics

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
393

**Teaching Area**
MATH

**Course Title**
Survey of Advanced Mathematics

**Course Description**
A series of lectures designed to give students an overview of active research areas in advanced mathematics.

**Department**
Mathematics

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Majors only.

**Title**
Survey of Advanced Mathematics

**Tags**
204874, 1

**Learning Outcome**
Students should be familiar with the areas of mathematical research described (naturally in a highly schematic way) by the lecturers in the course. The areas of research will be essentially

graph theory, real functions, number theory, functional equations, etc.

those that are currently being pursued by BYU faculty in the mathematics department. Students will be able to make an informed choice if they wish to begin a program of undergraduate research with one of the faculty. For more information see the course Wiki page.

## MATH 399R - Academic Internship

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
399R
**Teaching Area**
MATH
**Course Title**
Academic Internship
**Course Description**
On-the-job experience.
**Department**
Mathematics
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
9

#### Lecture Hours

**Fixed**
9

#### Lab Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

**Title**
On-the-job experience
**Tags**
204859, 1

**Learning Outcome**
To be defined by the professor on a case-by-case basis. In general, via the internship the student should obtain additional mathematical knowledge, and/or apply non-trivial

## MATH 402 - Modeling with Uncertainty and Data 1

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
402
**Teaching Area**
MATH
**Course Title**
Modeling with Uncertainty and Data 1
**Course Description**
Theory of probability and stochastic processes, emphasizing topics used in applications. Random spaces and variables, probability distributions, limit theorems, martingales, diffusion, Markov, Poisson and queuing processes, renewal theory, and information theory.
**Department**
Mathematics
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 322 - Algorithm Design and Optimization 2

mathematical techniques in creative ways.

**AND** MATH 346 - Mathematical Analysis 2
**AND** MATH 323 - Algorithm Design and Optimization 2 Laboratory

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 403.

| Title | Tags |
|---|---|
| Probability and Statistics 1 | 204958, 1 |

**Learning Outcome**
Theory of probability and stochastic processes, emphasizing topics used in applications. Random spaces and variables, probability distributions, limit theorems, martingales, diffusion, Markov, Poisson and queuing processes, renewal theory, and information theory. For detailed information about the desired learning outcomes visit the Math 402 Wiki page.

## MATH 403 - Modeling with Uncertainty and Data 1 Laboratory

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
403
**Teaching Area**
MATH
**Course Title**
Modeling with Uncertainty and Data 1 Laboratory
**Course Description**
Using and developing algorithms for the content of Math 402; developing I/O wrappers for numerical libraries. Applications presented. Developing models and applying results of computations.
**Department**
Mathematics
**When Taught**
Fall

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
0

## MATH 404 - Modeling with Uncertainty and Data 2

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
404
**Teaching Area**
MATH
**Course Title**
Modeling with Uncertainty and Data 2
**Course Description**
First course in mathematical statistics, focusing on mathematical aspects. Topics include estimation, inference, analysis of variance, regression, multivariate statistics, Bayesian statistics, state estimation, Kalman filtering, time series, GARCH models.
**Department**
Mathematics
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 323 - Algorithm Design and Optimization 2 Laboratory **AND** MATH 347 - Mathematical Analysis 2 Laboratory

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 402.

| Title | Tags |
|---|---|
| Expectations | 204948, 1 |

**Learning Outcome**
Students will be able to model specific applications using the concepts covered in Math 402, and to critique the models in the context from which the application was taken. They will be able to use software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in which the models originated.

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 402 - Modeling with Uncertainty and Data 1 **AND** MATH 403 - Modeling with Uncertainty and Data 1 Laboratory

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 405.

| Title | Tags |
|---|---|
| A First Course in Mathematical Statistics | 204949, 1 |

**Learning Outcome**
A first course in mathematical statistics, focusing on the mathematical aspects of the subject. Specific topics include estimation, inference, analysis of variance, regression, multivariate statistics, Bayesian statistics, state estimation, Kalman filtering, time series, GARCH models. For a more detailed description of desired learning outcomes visit the Math 404 Wiki page.

## MATH 405 - Modeling with Uncertainty and Data 2 Laboratory

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MATH | 405 |

**Teaching Area**
MATH
**Course Title**
Modeling with Uncertainty and Data 2 Laboratory
**Course Description**
Using and developing software to implement the content of Math 404 and handle large data sets. Applications presented. Designing and executing statistical tests and applying computations to application domains.
**Department**
Mathematics
**When Taught**

## MATH 406R - Topics in Mathematics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MATH | 406R |

**Teaching Area**
MATH
**Course Title**
Topics in Mathematics
**Course Description**
Topics selected from various aspects of mathematics. Possibilities include, but are not limited to, combinatorial theory, factorization and primality testing, game theory, harmonic analysis, hyperbolic geometry, linear programming, Lie groups, p-adic numbers, set theory and mathematical logic stochastic processes, supply chain management, voting theory.
**Department**
Mathematics
**When Taught**

Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 403 - Modeling with Uncertainty and Data 1 Laboratory

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 404.

| Title | Tags |
| --- | --- |
| Expectations | 204950, 1 |

**Learning Outcome**
Students will be able to apply the models and methods covered in Math 404 to specific real-world settings. They will be able to use software to do the relevant computations, including the handling of large data sets and the interpretation of numerical results. They will be able to devise a specific plan for the use of statistical methods, for an application setting in which the goals are stated in general terms rather than specific statistical terms.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Topics in Mathematics | 204931, 1 |

**Learning Outcome**

Students will deepen understanding and skills as outlined in individualized contract between student and professor.
Students will demonstrate an advanced level of knowledge in a chosen specialty area.
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity.

For more detailed information visit the Math 406R Wiki page

## MATH 410 - Introduction to Numerical Methods

### Course Information

## MATH 411 - Numerical Methods

### Course Information

**Teaching Area (new)** **Course Number**

## Course Information

**Teaching Area (new)**
MATH

**Course Number**
410

**Teaching Area**
MATH

**Course Title**
Introduction to Numerical Methods

**Course Description**
Root finding, interpolation, curve fitting, numerical differentiation and integration, multiple integrals, direct solvers for linear systems, least squares, rational approximations, Fourier and other orthogonal methods.

**Department**
Mathematics

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 314 - Calculus of Several Variables

**Additional Comments:**

**Other Prerequisites**
C S 111 or equivalent.

| Title | Tags |
|---|---|
| Numerical Solutions | 204811, 2 |

**Learning Outcome**
Students will master numerical solution of equations of one variable, interpolation, numerical differentiation, numerical integration, and numerical solution of linear systems.

## Course Information

**Teaching Area (new)**
MATH

**Course Number**
411

**Teaching Area**
MATH

**Course Title**
Numerical Methods

**Course Description**
Iterative solvers for linear systems, eigenvalue, eigenvector approximations, numerical solutions to nonlinear systems, numerical techniques for initial and boundary value problems, elementary solvers for PDEs.

**Department**
Mathematics

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 334 - Ordinary Differential Equations

**Additional Comments:**

| Title | Tags |
|---|---|
| Knowledge of Numerical Methods | 204933, 1 |

**Learning Outcome**
Students should be able to describe, derive, and implement the numerical methods listed on the Math 411 Wiki page. They should be able to explain the advantages and disadvantages of each method. They should understand error analysis and be able to make practical decisions based on the outcomes of that analysis.

| Title | Tags |
| --- | --- |
| Root finding, interpolation, curve fitting, etc. | 204932, 1 |

**Learning Outcome**
Root finding, interpolation, curve fitting, numerical differentiation and integration, multiple integrals, direct solvers for linear systems, least squares, rational approximations, Fourier and other orthogonal methods. [This official course description appears to differ with current standard practice, in that iterative solvers of linear systems are taught in this course, while "Fourier and other orthogonal methods" are postponed until Math 411.] For more detailed information visit the Math 410 Wiki page.

## MATH 413 - Advanced Linear Algebra

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 413 |

**Teaching Area**
MATH
**Course Title**
Advanced Linear Algebra
**Course Description**
Theory and advanced topics of linear algebra.
**Department**
Mathematics
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

## MATH 425 - Mathematical Biology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 425 |

**Teaching Area**
MATH
**Course Title**
Mathematical Biology
**Course Description**
Using tools in mathematics to help biologists. Motivating new mathematics with questions in biology.
**Department**
Mathematics
**When Taught**
Winter Odd Years

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra

**Additional Comments:**

**Recommended**
Math 371

| Title | Tags |
|---|---|
| Prove | 213983, 0, 1, 2023-08-29 10:44:34 |

**Learning Outcome**
Students will be able to prove central linear-algebraic results, as well as other results with similar derivations.

| Title | Tags |
|---|---|
| Distinguish | 213984, 0, 2, 2023-08-29 10:44:36 |

**Learning Outcome**
Students will be able to distinguish between true and plausibly-sounding false propositions in the language of linear algebra.

| Title | Tags |
|---|---|
| Construct | 213985, 0, 3, 2023-08-29 10:44:38 |

**Learning Outcome**
Students will be able to construct examples and counterexamples illustrating relations between different linear-algebraic concepts.

| Title | Tags |
|---|---|
| Categorize | 213986, 0, 4, 2023-08-29 10:44:40 |

**Learning Outcome**
Students will be able to categorize linear-algebraic structures according to their properties.

| Title | Tags |
|---|---|
| Calculate | 213987, 0, 5, 2023-08-29 10:44:48 |

**Learning Outcome**
Students will be able to calculate precisely and efficiently, choosing appropriate methods.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 334 - Ordinary Differential Equations

**Additional Comments:**

| Title | Tags |
|---|---|
| Mathematical Biology | 204934, 0 |

**Learning Outcome**
Students should gain a familiarity with how the disciplines of mathematics and biology can complement each other. Increasingly, mathematics is used to understand complex biological systems. Without some familiarity with the mathematical techniques, it is difficult to know how to interpret the results. In this class, a variety of applications to medicine and biology will be studied, highlighting the different mathematical techniques. The objective of the class is not only to introduce the students to various applications and methods but also to help determine the strengths and weaknesses of different methods. For more detailed information visit the Math 425 Wiki page.

## MATH 431 - Probability Theory

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
431

**Teaching Area**
MATH

**Course Title**
Probability Theory

**Course Description**
Axiomatic probability theory, conditional probability, discrete / continuous random variables, expectation, conditional expectation, moments, functions of random variables, multivariate distributions, laws of large numbers, central limit theorem.

**Department**
Mathematics

**When Taught**
Fall Odd Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

-

Prerequisites

**Complete ALL of the following Courses:**

- MATH 213 - Elementary Linear Algebra

**Additional Comments:**

| Title | Tags |
|---|---|

## MATH 435 - Mathematical Finance

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
435

**Teaching Area**
MATH

**Course Title**
Mathematical Finance

**Course Description**
The binomial asset pricing model (discrete probability). Martingales, pricing of derivative securities, random walk in financial models, random interest rates.

**Department**
Mathematics

**When Taught**
Winter Even Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 431

| Title | Tags |
|---|---|
| The binomial asset pricing model (discrete probability) | 204935, 1 |

**Learning Outcome**
The minimal expectation for this course is that students learn about mathematical finance in the context of discrete time and finite state-spaces. It is therefore not required that students be taught about Brownian motion, the Black-Scholes model, etc. For more detailed information visit the Math 435 Wiki page.

| Title | Tags |
| --- | --- |
| Probability | 180377, 1 |

**Learning Outcome**
The ability to use and simulate random variables, distribution functions, probability mass functions, and probability density functions, through calculus and functional transformations, to answer quantitative questions about the outcomes of probabilistic systems.

| Title | Tags |
| --- | --- |
| Variables | 180378, 2 |

**Learning Outcome**
The ability to use and simulate multivariate distributions, independence, conditioning, and functions of random variables, including the ability to compute expectations, moments, and correlation functions, to describe relationships between different experimental conditions.

| Title | Tags |
| --- | --- |
| Reasoning | 180385, 0 |

**Learning Outcome**
The ability to use probabilistic reasoning and the foundations of probability theory to describe probabilistic engineering experiments in terms of sample spaces, event algebras, classical probability, and Kolmogorov's axioms.

| Title | Tags |
| --- | --- |
| Statistical Inference | 180386, 5 |

**Learning Outcome**
The ability to use statistics from measurements and acquired data to make reasonable quantitative inferences about engineering systems.
For more detailed information visit the Math 431 Wiki page.

## MATH 436 - Modeling with Dynamics and Control 1

### Course Information

## MATH 437 - Modeling with Dynamics and Control 1 Laboratory

### Course Information

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
436

**Teaching Area**
MATH

**Course Title**
Modeling with Dynamics and Control 1

**Course Description**
Theory and applicatiions of dynamic systems and partial differential equations. Topics include dynamic systems; bifurcation theory; control theory; hyperbolic, parabolic, and elliptic partial differential equations; commonly-used algorithms.

**Department**
Mathematics

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 334 - Ordinary Differential Equations
  **AND** MATH 346 - Mathematical Analysis 2
  **AND** MATH 323 - Algorithm Design and Optimization 2 Laboratory

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 437.

**Title**
Introduction to the modeling and qualitative theory of differential equations

**Tags**
205022, 1

**Learning Outcome**
Introduction to the modeling and qualitative theory of differential equations, both ordinary and partial. Specific topics include: existence/uniqueness of

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
437

**Teaching Area**
MATH

**Course Title**
Modeling with Dynamics and Control 1 Laboratory

**Course Description**
Using and developing software to implement the content of Math 436. Developing models and applying results of computations to several application domains. Introduction to parallel computation.

**Department**
Mathematics

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 323 - Algorithm Design and Optimization 2 Laboratory
  **AND** MATH 347 - Mathematical Analysis 2 Laboratory

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 436.

**Title**
Applications

**Tags**
204936, 1

**Learning Outcome**
Students will be able to model many real-world applications effectively using the concepts covered in Math 436. They will be able to use commercial software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in

existence, uniqueness of ordinary differential equations (ODE), stability theory for smooth continuous dynamical systems, modeling with ODEs, bifurcation theory, modeling with partial differential equations (PDE), method of characteristics, parabolic operators and viscous effects, conservation laws, Sturm-Liouville operators, eigenfunction expansions, and Green's functions.
For detailed information about desired learning outcomes visit the Math 436 Wiki page.

computations in the contexts in which the models originated.

## MATH 438 - Modeling with Dynamics and Control 2

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
438
**Teaching Area**
MATH
**Course Title**
Modeling with Dynamics and Control 2
**Course Description**
Introduction to integral equations, calculus of variations, stochastic differential equatons, optimal stochastic control; common algorithms used for these systems.
**Department**
Mathematics
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**

## MATH 439 - Modeling with Dynamics and Control 2 Laboratory

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
439
**Teaching Area**
MATH
**Course Title**
Modeling with Dynamics and Control 2 Laboratory
**Course Description**
Using and developing software for problems in the calculus of variations, stochastic differential equations, and stochastic optimal control. Developing models and applying the results of computations to several application domains.
**Department**
Mathematics
**When Taught**
Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 436 - Modeling with Dynamics and Control 1
  **AND** MATH 437 - Modeling with Dynamics and Control 1 Laboratory

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 439.

**Title**
Introduction to modeling with the Calculus of Variations, Optimal Control, and Uncertainty Quantification

**Tags**
205021, 1

**Learning Outcome**
Introduction to modeling with the Calculus of Variations, Optimal Control, and Uncertainty Quantification. Specific topics include: specific problems in the calculus of variations, Euler-Lagrange equations, natural boundary conditions, higher order derivatives, secondary conditions for maxima/minima, derivation of Pontraygin's maximum principle, modeling with optimal control applied to biological, physical and the health sciences, Bayesian approach to uncertainty quantification for simple models.

. For detailed information about the desired learning outcomes visit the Math 438 Wiki page.

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 437 - Modeling with Dynamics and Control 1 Laboratory

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Math 438.

**Title**
Real World Applications

**Tags**
204937, 1

**Learning Outcome**
Students will be able to model many real-world applications effectively using the concepts covered in Math 438. They will be able to use commercial software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in which the models originated, including the handling of large datasets.

## MATH 447 - Introduction to Partial Differential Equations

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
447

**Teaching Area**
MATH

**Course Title**
Introduction to Partial Differential Equations

**Course Description**
Introduction to the theory of partial differential equations: modeling phenomena, finding solutions, properties of solutions, and approximating solutions.

**Department**
Mathematics

**When Taught**
Winter Even Years

## MATH 451 - Introduction to Topology

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
451

**Teaching Area**
MATH

**Course Title**
Introduction to Topology

**Course Description**
Introduction to general topology: open sets and topologies, metric spaces, continuity, connectedness and local connectedness, separation axioms, compactness and local compactness, existence and extensions of continuous functions, topologies on product spaces.

**Department**
Mathematics

**When Taught**
Winter

**Credit Hours**

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- MATH 303 - Mathematics for Engineering 2

Prerequisites

**Complete ALL of the following Courses:**

- MATH 314 - Calculus of Several Variables
  **AND** MATH 334 - Ordinary Differential Equations

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Boundary value problems; transform methods; etc. | 204940, 1 |

**Learning Outcome**
The main purpose of this course is to teach students how to solve the canonical linear second-order partial differential equations on simple domains. Secondarily, students should be introduced to the theory concerning the validity of such solutions. For more detailed information visit the Math 447 Wikipage.

## MATH 465 - Differential Geometry

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Math 341 and Math 342 or equivalents

| Title | Tags |
| --- | --- |
| Develop topological concepts | 204942, 1 |

**Learning Outcome**
Developing topological concepts, beginning from a linear setting. Developing proofs or counterexamples from axioms to a structured sequence of topological propositions using only notes provided. For more detailed information visit the Math 451 Wiki page.

## MATH 473 - Group Representation Theory

## Course Information

**Teaching Area (new)**
MATH

**Course Number**
465

**Teaching Area**
MATH

**Course Title**
Differential Geometry

**Course Description**
Geometry of smooth curves and surfaces. Topics include the first and second fundamental forms, the Gauss map, orientability of surfaces, Gaussian and mean curvature, geodesics, minimal surfaces and the Gauss-Bonnet Theorem.

**Department**
Mathematics

**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 314 - Calculus of Several Variables

**Additional Comments:**

**Other Prerequisites**
Math 341 or equivalent.

**Recommended**
Math 342 or equivalent

**Title**
Geometry of smooth curves and surfaces.

**Tags**
204943, 1

**Learning Outcome**
The main purpose of this course is to provide students with an understanding of the geometry of curves and surfaces, with the focus being on the theoretical and logical foundations of differential geometry. For more detailed information visit

## Course Information

**Teaching Area (new)**
MATH

**Course Number**
473

**Teaching Area**
MATH

**Course Title**
Group Representation Theory

**Course Description**
FG-modules; Maschke's theorem; Schur's lemma; characters of groups; orthogonality relations of characters; induced, lifted and restricted characters; construction of character tables; Burnside's theorem.

**Department**
Mathematics

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 371 - Abstract Algebra 1.

**Additional Comments:**

**Title**
A second course in abstract algebra; representation theory

**Tags**
204944, 0

**Learning Outcome**
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by

the Math 465 Wiki page.

proving simple (but non-trivial) theorems about the below concepts, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit the Math 473 Wiki page.

## MATH 485 - Mathematical Cryptography

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
485

**Teaching Area**
MATH

**Course Title**
Mathematical Cryptography

**Course Description**
A mathematical introduction to some of the high points of modern cryptography.

**Department**
Mathematics

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra

**Additional Comments:**

**Recommended**
Math 371

| Title | Tags |
| --- | --- |
| A mathematical introduction to | |

## MATH 487 - Number Theory

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
487

**Teaching Area**
MATH

**Course Title**
Number Theory

**Course Description**
Foundations; congruences; quadratic reciprocity; unique factorization, prime distribution or Diophantine equations.

**Department**
Mathematics

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 371 - Abstract Algebra 1.

**Additional Comments:**

| Title | Tags |
| --- | --- |
| A first course in number theory | 204945, 1 |

| | |
|---|---|
| A mathematical introduction to modern cryptography | Tags<br>204860, 1 |

**Learning Outcome**
Students should know the definitions, being familiar with standard examples, and being able to solve mathematical and algorithmic problems by directly using the material taught in the course. This includes appropriate use of Maple, Mathematica, or another appropriate computing language. For more detailed information visit the Math 485 Wiki page.

**Learning Outcome**
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the below concepts, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit Math 487 Wiki page.

## MATH 495R - Readings in Mathematics

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
495R

**Teaching Area**
MATH

**Course Title**
Readings in Mathematics

**Course Description**
Directed readings beyond the scope of usual undergraduate courses.

**Department**
Mathematics

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
2

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

**Title**
Increase in Mathematical Expertise

**Tags**
204812, 1

**Learning Outcome**
To be defined by the professor on a case-by-case basis. In general, a significant, coherent set of readings will be defined, and the student's base of mathematical knowledge and expertise will increase in notable, measurable ways.

## MATH 500 - (Math-Chem-C S-Geol-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
500

**Teaching Area**
MATH

**Course Title**
(Math-Chem-C S-Geol-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

**Course Description**
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.

**Department**
Mathematics

**When Taught**
Winter

#### Credit Hours

**Min**
1.5

**Fixed**
1.5

#### Lecture Hours

**Fixed**
1.5

#### Lab Hours

**Fixed**
0

## MATH 502 - Job Search Strategies

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
502

**Teaching Area**

## MATH 510 - Numerical Methods for Linear Algebra

### Course Information

**Teaching Area (new)**

**Course Number**

MATH
**Course Title**
Job Search Strategies
**Course Description**
Course will assist graduating students in identifying and connecting to potential employers.
**Department**
Mathematics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

MATH 510
**Teaching Area**
MATH
**Course Title**
Numerical Methods for Linear Algebra
**Course Description**
Numerical matrix algebra, orthogonalization and least squares methods, unsymmetric and symmetric eigenvalue problems, iterative methods, advanced solvers for partial differential equations.
**Department**
Mathematics
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 410 or equivalent

| Title | Tags |
| --- | --- |
| Overview | 204946, 2 |

**Learning Outcome**
This course is designed to prepare students to solve linear algebra problems arising from many applications such as mathematical models of physical or engineering processes. Students are introduced to modern concepts and methodologies in numerical linear algebra, with particular emphasis on the methods that can be used to solve very large-scale problems. In-depth discussion of theoretical aspects such as stability and convergence will be used to enhance student understanding of the numerical methods. Students will also be required to perform some programming and computation so as to gain experience in implementing and observing the numerical performance of the various numerical methods.

For more detailed information visit the Math 510 Wiki page.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204966, 1 |

**Learning Outcome**
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor.

## MATH 511 - Numerical Methods for Partial Differential Equations

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
511
**Teaching Area**
MATH
**Course Title**
Numerical Methods for Partial Differential Equations
**Course Description**
Finite difference and finite volume methods for partial differential equations. Stability, consistency, and convergence theory.
**Department**
Mathematics
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## MATH 513R - Advanced Topics in Applied Mathematics

### Course Information

**Teaching Area (new)**
MATH
**Course Number**
513R
**Teaching Area**
MATH
**Course Title**
Advanced Topics in Applied Mathematics
**Department**
Mathematics
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Fixed**
0

**Other Prerequisites**
Math 303 or 447; 410; or equivalents

| Title | Tags |
| --- | --- |
| Overview | 204951, 2 |

**Learning Outcome**
This course is designed to prepare students to solve mathematical models represented by initial or boundary value problems involving partial differential equations that cannot be solved directly using standard mathematical techniques but are amenable to a computational approach. Numerical solution of partial differential equations has important applications in many application areas. Students are introduced to the discretization methodologies, with particular emphasis on the finite difference method, that allows the construction of accurate and stable numerical schemes. In-depth discussion of theoretical aspects such as stability analysis and convergence will be used to enhance the students' understanding of the numerical methods. Students will also be required to perform some programming and computation so as to gain experience in implementing the schemes and to be able to observe the numerical performance of the various numerical methods. For more detailed information visit the Math 511 Wiki page

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204967, 1 |

**Learning Outcome**
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204968, 1 |

**Learning Outcome**
Students should gain a familiarity with a particular area of applied mathematics selected by the instructor. In general, a significant, coherent set of readings will be defined, and the student's base of mathematical knowledge and expertise will increase in notable, measurable ways. The students are expected to demonstrate mastery of the material in a manner that is acceptable to the professor. Further information can be found on the Math 513R Wiki page

identical to, statements proven
by the text or instructor.

## MATH 521 - Classical Methods of Applied Mathematics

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
521

**Teaching Area**
MATH

**Course Title**
Classical Methods of Applied Mathematics

**Course Description**
Classical techniques in applied mathematics and their application to specific problems. The primary focus is on dimensional analysis and asymptotic methods for differential equations as well as asymptotic evaluation of integrals.

**Department**
Mathematics

**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 334. Math 436 or Math 447 or equivalent.

**Title**
Apply

**Tags**
213988, 0, 1, 2023-08-29 10:45:40

**Learning Outcome**
Students will be able to apply classical mathematical techniques to appropriate phenomena.

**Title**
Solve

**Tags**
213989, 0, 2, 2023-08-29 10:45:42

**Learning Outcome**

## MATH 522 - Mathematical Foundations of Deep Learning

### Course Information

**Teaching Area (new)**
MATH

**Course Number**
522

**Teaching Area**
MATH

**Course Title**
Mathematical Foundations of Deep Learning

**Course Description**
Mathematics necessary to understand how deep neural networks are formulated and designed. Analyzing the stability, generalizability, and potential extension of neural networks to new datasets.

**Department**
Mathematics

**When Taught**
Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 213, Math 215, and Math 314. C S 111 or equivalent. Math 402 or 431 or equivalent.

**Title**
Compute

**Tags**
213991, 0, 1, 2023-08-29 10:45:48

**Learning Outcome**
Students will be able to write programs and utilize existing libraries to implement deep neural networks.

**Title**
Explore

**Tags**
213992, 0, 2, 2023-08-29 10:45:50

**Learning Outcome**

Students will be able to solve problems using classical mathematical techniques.

| Title | Tags |
| --- | --- |
| Estimate | 213990, 0, 3, 2023-08-29 10:45:45 |

**Learning Outcome**
Students will be able to estimate various phenomena using asymptotic methods.

Students will explore recent progress in analyzing the stability, generalizability, and potential extension of neural networks to new datasets.

## MATH 525 - Network Theory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 525 |

**Teaching Area**
MATH
**Course Title**
Network Theory
**Course Description**
Representing networks mathematically. Measures and metrics, computer algorithms, random graphs, and large-scale structures. Percolation and network resilience. Dynamical systems on networks.
**Department**
Mathematics
**When Taught**
Winter Even Years

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Other Prerequisites | Recommended |
| --- | --- |
| Math 413 or Math 334 (or concurrent enrollment). | Math 521 |

## MATH 532 - Complex Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 532 |

**Teaching Area**
MATH
**Course Title**
Complex Analysis
**Course Description**
Introduction to theory of complex analysis at beginning graduate level. Topics: Cauchy integral equations, Riemann surfaces, Picard's theorem, etc.
**Department**
Mathematics
**When Taught**
Winter Even Years

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 352 or instructor's consent

| Title | Tags |
| --- | --- |
| Overview | 204954, 2 |

**Learning Outcome**
Essential results: Power series, integration along curves,

Goursat theorem, Cauchy's theorem in a disc, Taylor series, Morera's theorem, singularities, residue calculus, Laurent series, argument principle, harmonic functions, maximum modulus principle.
Entire functions: Jensen's formula, functions of finite order, Weierstrass infinite products, Hadamard factorization theorem.
The gamma and zeta functions: Analytic continuation of gamma function, further properties of , functional equation and analytic continuation of zeta function.
Conformal mappings: Conformal equivalence, Schwarz lemma, Montel's theorem, Riemann mapping theorem.
Elliptic Functions: Liouville's Theorems, poles and zeros of elliptic functions, Weierstrass elliptic functions.
For more detailed information visit th Math 532 Wiki page.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204971, 1 |

**Learning Outcome**
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor.

## MATH 534 - Introduction to Dynamical Systems 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 534 |

**Teaching Area**
MATH
**Course Title**

## MATH 536 - Applied Discrete Probability

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 536 |

**Teaching Area**
MATH
**Course Title**
Applied Discrete Probability
**Course Description**

Introduction to Dynamical Systems 1

**Course Description**

Discrete dynamical systems; iterations of maps on the line and the plane; bifurcation theory; chaos, Julia sets, and fractals. Computational experimentation.

**Department**

Mathematics

**When Taught**

Fall Odd Years

## Credit Hours

**Min**

3

**Fixed**

3

## Lecture Hours

**Fixed**

3

## Lab Hours

**Fixed**

0

**Other Prerequisites**

Math 334, 341; or equivalents

**Recommended**

Math 352

| Title | Tags |
| --- | --- |
| Overview | 204883, 2 |

**Learning Outcome**

Discrete dynamical systems; iterations of maps on the line and the plane; bifurcation theory; chaos, Julia sets, and fractals. Computational experimentation.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204972, 1 |

**Learning Outcome**

Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit

**Course Description**

Rigorous probability without the use of measure theory. Intensive study of finite and countable probability spaces. Applications to particle statistics, random walks, Markov decision processes, information theory, and asset pricing.

**Department**

Mathematics

**When Taught**

Winter Even Yrs..

## Credit Hours

**Min**

3

**Fixed**

3

## Lecture Hours

**Fixed**

3

## Lab Hours

**Fixed**

0

**Other Prerequisites**

Math 341

| Title | Tags |
| --- | --- |
| Prove | 213993, 0, 1, 2023-08-29 10:45:55 |

**Learning Outcome**

Students will be able to prove major theorems from the theory of probability on countable spaces, and be able to perform similar derivations.

| Title | Tags |
| --- | --- |
| Calculate | 213994, 0, 2, 2023-08-29 10:45:56 |

**Learning Outcome**

Students will be able to calculate probabilistic quantities in the context of countable probability spaces.

| Title | Tags |
| --- | --- |
| Explain | 213995, 0, 3, 2023-08-29 10:45:57 |

**Learning Outcome**

Students will be able to provide intuitive explanations of major probability concepts.

| Title | Tags |
| --- | --- |

more detailed information visit the Math 534 Wiki Page.

| Title | Tags |
| --- | --- |
| Model | 213996, 0, 4, 2023-08-29 10:45:59 |

Learning Outcome
Students will be able to appropriately model various phenomenon probabilistically.

## MATH 540 - Linear Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 540 |

Teaching Area
MATH
Course Title
Linear Analysis
Course Description
Normed vector spaces and linear maps between them.
Department
Mathematics
When Taught
Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Math 342 or equivalent; Math 352

| Title | Tags |
| --- | --- |
| Overview | 204955, 2 |

Learning Outcome
Normed spaces: Basics, Banach spaces, Special linear operators, Duality, Adjoints of bounded linear operators, Second duals, Weak and weak-star topologies, Banach-Alaoglu theorem, Finite-dimensional spaces, Baire category theorem, Hahn-Banach extension theorem, Banach-

## MATH 541 - Real Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 541 |

Teaching Area
MATH
Course Title
Real Analysis
Course Description
An introduction to abstract measure and Lebesgue integration theory.
Department
Mathematics
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Math 341; Math 314 or Math 342; or equivalents.

| Title | Tags |
| --- | --- |
| Overview | 204884, 2 |

Learning Outcome
Lebesgue measure on Rn
Lebesgue integration on Rn
Fubini's Theorem for Rn
L1, L2, and L∞
Fourier transform on Rn

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204974, 1 |

extension theorem, Banach-Steinhaus theorem, Open mapping theorem, Closed graph theorem, Bounded inverse theorem
Inner product spaces: Basics, Structure, and important theorems.
Spectral theory: Banach algebras, Bounded operators on Banach spaces, Compact operators on Banach spaces.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204973, 1 |

**Learning Outcome**
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit the Math 540 Wiki page.

**Learning Outcome**
Students should understand the topics outlined in the minimal learning outcomes on the Math 541 Wiki page. As evidence of that understanding, students should be able to demonstrate mastery of all relevant vocabulary, familiarity with common examples and counterexamples, knowledge of the content of the major theorems, understanding of the ideas in their proofs, and ability to make direct application of those results to related problems.

## MATH 547 - Modeling and Analysis of Partial Differential Equations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 547 |

**Teaching Area**
MATH
**Course Title**
Modeling and Analysis of Partial Differential Equations
**Course Description**
Methods for modeling and analyzing partial differential equations.
**Department**
Mathematics
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

## MATH 553 - Foundations of Topology 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 553 |

**Teaching Area**
MATH
**Course Title**
Foundations of Topology 1
**Course Description**
An introduction to the topology of the plane and algebraic topology: simplicial complexes, CW-complexes, the fundamental group, classification of covering spaces, homotopy, Seifer-van Kampen Theorem, Jordan Curve Theorem, and Invariance of Domain.
**Department**
Mathematics
**When Taught**
Fall

### Credit Hours

**Min**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Math 334, 342; or equivalents

Recommended
Math 352

| Title | Tags |
| --- | --- |
| Overview | 204887, 1 |

Learning Outcome
General Cauchy problem
Method of characteristics for first-order equations
Quasilinear systems of conservation laws on a line
Classification of general second-order equations
Canonical forms for semilinear second-order equations
Hyperbolic equations
Elliptic equations
Parabolic equations

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204976, 0 |

Learning Outcome
Students should understand the topics listed in the minimal learning outcomes on the Math 547 Wiki page. As evidence of that understanding, students should be able to demonstrate mastery of all relevant vocabulary, familiarity with common examples and counterexamples, knowledge of the content of the major theorems, and ability to make direct application of those results to related problems, including calculations.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Math 341 or equivalent.

| Title | Tags |
| --- | --- |
| Overview | 204888, 2 |

Learning Outcome

Set Theory
Topological Spaces
Continuous Functions
Connectedness
Compactness
Tychonoff Theorem
Countability and Separation Axioms
Countable basis
Countable dense subsets
Normal spaces
Urysohn Lemma
Tietze Extension Theorem
Metrization
Complete Metric Spaces

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204977, 1 |

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit the Math 553 Wiki page.

# MATH 554 - Foundations of Topology 2

## Course Information

**Teaching Area (new)**
MATH

**Course Number**
554

**Teaching Area**
MATH

**Course Title**
Foundations of Topology 2

**Course Description**
An introduction to the topology of manifolds with particular emphasis on low dimensions: topological and smooth manifolds; smooth maps; tangent spaces; vector fields and flows; Sard's Theorem; Morse Theory; classification of compact manifolds in dimensions 1 and 2; and theory of 3 dimensional manifolds.

**Department**
Mathematics

**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 553 or instructor's consent

| Title | Tags |
|---|---|
| Overview | 204957, 2 |

**Learning Outcome**

The Fundamental Group
The topology of the plane
Jordan Curve Theorem
Seifert-van Kampen Theorem
Classification of Surfaces
Classification of Covering Spaces
Group Theory
Free groups
Free abelian groups
Presentations of groups
Subgroups of free groups

| Title | Tags |
|---|---|

# MATH 561 - Introduction to Algebraic Geometry 1.

## Course Information

**Teaching Area (new)**
MATH

**Course Number**
561

**Teaching Area**
MATH

**Course Title**
Introduction to Algebraic Geometry 1.

**Course Description**
Basic definitions and theorems on affine, projective, and quasi-projective varieties.

**Department**
Mathematics

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 571 or concurrent enrollment.

| Title | Tags |
|---|---|
| Overview | 204889, 2 |

**Learning Outcome**

Algebraic plane curves
Rational curves
Relation with field theory
Rational maps
Singular and nonsingular points
Projective spaces
Affine varieties
Affine space and the Zariski topology
Regular functions
Regular maps
The Zariski topology on projective space
Products and maps of quasi-projective space
Properness of projective maps

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204978, 1 |

**Learning Outcome**
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit the Math 554 Wiki page.

Dimension.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204979, 1 |

**Learning Outcome**
Students should achieve mastery of the topics listed in the minimal learning outcomes on the Math 561 Wiki page. This means they should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor.

## MATH 562 - Introduction to Algebraic Geometry 2.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 562 |

**Teaching Area**
MATH
**Course Title**
Introduction to Algebraic Geometry 2.
**Course Description**
Local properties of quasi-projective varieties. Divisors and differential forms.
**Department**
Mathematics
**When Taught**
Winter Odd Yrs..

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## MATH 565 - Differential Geometry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 565 |

**Teaching Area**
MATH
**Course Title**
Differential Geometry
**Course Description**
A rigorous treatment of the theory of differential geometry.
**Department**
Mathematics
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Other Prerequisites
Math 561

| Title | Tags |
| --- | --- |
| Overview | 204890, 1 |

Learning Outcome

Local properties of algebraic varieties
Power series expansions
Properties of nonsingular points
Birational maps
Normal varieties and normalization
Divisors
Differential forms

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204980, 1 |

Learning Outcome
Students should achieve mastery of the topics listed in the minimal learning outcomes section of the Math 562 Wiki page. This means they should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor.

## MATH 570 - Matrix Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 570 |

Teaching Area
MATH
Course Title
Matrix Analysis
Course Description

### Lab Hours

Fixed
0

Other Prerequisites
Math 342 or equivalent

| Title | Tags |
| --- | --- |
| Overview | 204891, 2 |

Learning Outcome

Differential topology
Riemannian metrics
Geodesics
Curvature
Integration on manifolds

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204981, 1 |

Learning Outcome
Students should achieve mastery of the topics listed in the minimal learning outcomes section of the Math 565 Wiki page. This means that they should know all relevant definitions, full statements of the major theorems, and examples of the various concepts. Further, students should be able to solve non-trivial problems related to these concepts, and prove theorems in analogy to proofs given by the instructor.

## MATH 571 - Algebra 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 571 |

Teaching Area
MATH
Course Title
Algebra 1
Course Description

Special classes of matrices, canonical forms, matrix and vector norms, localization of eigenvalues, matrix functions, applications.

**Department**
Mathematics

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 213 or 302 or equivalent.

**Recommended**
Math 344 or 413.

| Title | Tags |
| --- | --- |
| Overview | 204892, 2 |

**Learning Outcome**
Matrix arithmetic and Linear transformations, The theory of determinants , Rank of a matrix and elementary matrices, Spectral theory, Shur's theorem, Quadratic forms and second derivative test, Gerschgorin's theorem, Abstract vector spaces and general fields, Axioms, Subspaces and bases, Matrix of a linear transformation, Rotations, Eigenvalues and eigenvectors of linear transformations, Jordan Cannonical form and applications, Cayley Hamilton theorem, Markov chains, Regular Markov matrices, Inner product spaces, Gramm Schmidt process, Tensor product of vectors, Least squares, Fredholm alternative, Determinants and volume, Self adjoint operators, Simultaneous diagonalization, Spectral theory, Singular value decomposition, The Frobenius norm, Least squares and the Moore Penrose inverse, Norms for finite dimensional vector spaces, The p norms,

Group theory, ring theory.

**Department**
Mathematics

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Math 372 or equivalent.

| Title | Tags |
| --- | --- |
| Overview | 204893, 1 |

**Learning Outcome**

Group Theory
Ring Theory
Module Theory

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204983, 1 |

**Learning Outcome**
Students should achieve an advanced mastery of the topics listed in the minimal learning outcomes section of the Math 571 Wiki page. This means that they should know all relevant definitions, correct statements and proofs of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving difficult problems related to this content, and by proving theorems about these important concepts, even if the theorems go beyond the material in the text.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204982, 1 |

**Learning Outcome**
The minimal learning outcomes section of the Math 570 Wiki page outlines material which all students in Math 570 should understand. As evidence of that understanding, students should be able to demonstrate mastery of relevant vocabulary, familiarity with common examples and counterexamples, knowledge of the major theorems, understanding of the ideas in their proofs, and ability to make direct application of those results to related problems.

## MATH 572 - Algebra 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 572 |

**Teaching Area**
MATH
**Course Title**
Algebra 2
**Course Description**
Modules, vector spaces, field theory, Galois theory.
**Department**
Mathematics
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**

## MATH 586 - Introduction to Algebraic Number Theory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MATH | 586 |

**Teaching Area**
MATH
**Course Title**
Introduction to Algebraic Number Theory
**Course Description**
Algebraic integers; different and discriminant; decomposition of primes; class group; Dirichlet unit theorem; Dedekind zeta function; cyclotomic fields; valuations; completions.
**Department**
Mathematics
**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 571 - Algebra 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Overview | 204894, 1 |

**Learning Outcome**

Linear Algebra
Modules over PID's
Galois Theory

| Title | Tags |
|---|---|
| Learning Outcomes | 204984, 1 |

**Learning Outcome**

Students should achieve an advanced mastery of the topics listed in the minimal learning outcomes section of the Math 572 Wiki page. This means that they should know all relevant definitions, correct statements, and proofs of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts The students should be able to demonstrate their mastery by solving difficult problems related to these concepts, and by proving theorems about the below concepts, even if the theorems go beyond the material in the text.

**Other Prerequisites**

Math 372 or equivalent.

| Title | Tags |
|---|---|
| Overview | 204895, 2 |

**Learning Outcome**

Number Fields
Prime decomposition in rings of integers
Ideal Class Group
Dirichlet's unit theorem
Cebotarev Density Theorem (Statement)
Dedekind zeta function

| Title | Tags |
|---|---|
| Learning Outcomes | 204985, 1 |

**Learning Outcome**

Students should achieve an advanced mastery of the topics listed on the 586 Math Wiki page. This means that they should know all relevant definitions, correct statements and proofs of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving difficult problems related to these concepts, and by proving theorems about the below concepts, even if the theorems go beyond the material in the text.

## MATH 587 - Introduction to Analytic Number Theory

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MATH | 587 |

**Teaching Area**
MATH
**Course Title**
Introduction to Analytic Number Theory
**Course Description**
Arithmetical functions; distribution of primes; Dirichlet characters; Dirichlet's theorem; Gauss sums; primitive roots; Dirichlet L-functions; Riemann zeta-function; prime number theorem; partitions.
**Department**
Mathematics
**When Taught**
Fall Odd Years

## MAYA 100 - Language Study: Maya

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MAYA | 100 |

**Teaching Area**
MAYA
**Course Title**
Language Study: Maya
**Course Description**
Survival-level conversation, reading, listening, and culture skills in the Maya.
**Department**
Language Studies
**When Taught**
Contact Department

**Credit Hours**

Fall Odd Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Math 352 or equivalent.

| Title | Tags |
| --- | --- |
| Overview | 204896, 2 |

Learning Outcome

Arithmetic functions
Elementary theorems on distribution of prime numbers
Finite abelian groups and their characters
Dirichlet series and Euler product
The zeta function and the Dirichlet L-functions
Partitions

| Title | Tags |
| --- | --- |
| Learning Outcomes | 204986, 1 |

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit the Math 587 Wiki page.

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 197802, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197803, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197804, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

## MAYA 101 - First-Year Language Study: Maya

### Course Information

**Teaching Area (new)**
MAYA

**Course Number**
101

**Teaching Area**
MAYA

**Course Title**
First-Year Language Study: Maya

**Course Description**
Beginning speaking, listening, reading, and writing skills in Maya.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
197805, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
197806, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

## MAYA 102 - First-Year Language Study: Maya

### Course Information

**Teaching Area (new)**
MAYA

**Course Number**
102

**Teaching Area**
MAYA

**Course Title**
First-Year Language Study: Maya

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Maya.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MAYA 101 - First-Year Language Study: Maya

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Comprehension

**Tags**
197809, 1

**Learning Outcome**
Understand written and spoken target language relating to

| Title | Tags |
| --- | --- |
| Writing | 197807, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197808, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197810, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197811, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197812, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## MAYA 201 - Second-Year Language Study: Maya

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MAYA | 201 |

**Teaching Area**
MAYA
**Course Title**
Second-Year Language Study: Maya
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Maya.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

## MAYA 202 - Second-Year Language Study: Maya

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MAYA | 202 |

**Teaching Area**
MAYA
**Course Title**
Second-Year Language Study: Maya
**Course Description**
Continued emphasis on Maya communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MAYA 102 - First-Year Language Study: Maya

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Elaboration | 197813, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
| --- | --- |
| Vocabulary | 197814, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 197815, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 197816, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MAYA 201 - Second-Year Language Study: Maya

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
| --- | --- |
| Communication Skills | 197817, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 197818, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197819, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target

related to every-day life in the target culture.

culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197820, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## MAYA 305 - Language Skills Development: Maya

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MAYA | 305 |

Teaching Area
MAYA
Course Title
Language Skills Development: Maya
Course Description
Increasing proficiency in one or more of the following Maya language and culture skills: speaking, listening, reading, writing, cultural awareness.
Department
Language Studies
When Taught
Contact Department

#### Credit Hours

Min
1

Fixed
4

Other Prerequisites
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197821, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|

## MAYA 321 - Advanced Grammar: Maya

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MAYA | 321 |

Teaching Area
MAYA
Course Title
Advanced Grammar: Maya
Course Description
Systematic review of grammar and syntax of Maya.
Department
Language Studies
When Taught
Contact Department

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

| Communication | 197822, 2 |
|---|---|

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197823, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Prerequisites

**Complete ALL of the following Courses:**

- MAYA 202 - Second-Year Language Study: Maya

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## MAYA 330 - Advanced Language Proficiency Through Cultural Studies: Maya

### Course Information

**Teaching Area (new)**
MAYA
**Course Number**
330
**Teaching Area**
MAYA
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Maya
**Course Description**
Study of Maya culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## MAYA 340 - Introduction to Literature: Maya

### Course Information

**Teaching Area (new)**
MAYA
**Course Number**
340
**Teaching Area**
MAYA
**Course Title**
Introduction to Literature: Maya
**Course Description**
Advanced study of Maya literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Maya 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197824, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197825, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197826, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197827, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MAYA 330 - Advanced Language Proficiency Through Cultural Studies: Maya

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197828, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197829, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197830, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197831, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

# MAYA 350 - Advanced Language Study for Career Purposes: Maya

## Course Information

**Teaching Area (new)**
MAYA

**Course Number**
350

**Teaching Area**
MAYA

**Course Title**
Advanced Language Study for Career Purposes: Maya

**Course Description**
Concentration on Maya language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MAYA 330 - Advanced Language Proficiency Through Cultural Studies: Maya

**Additional Comments:**

**Title**
Defined Career Purposes

**Tags**
197832, 1

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

# MBA 501 - Corporate Financial Reporting

## Course Information

**Teaching Area (new)**
MBA

**Course Number**
501

**Teaching Area**
MBA

**Course Title**
Corporate Financial Reporting

**Course Description**
Introduction to concepts and issues of financial reporting with an emphasis on how financial statements reflect economic events.

**When Taught**
Contact Department

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Title**
Time Management

**Tags**
176807, 9

**Learning Outcome**
Independently manage time and workload for a variety of tasks.

**Title**
Financial Statements

**Tags**
176842, 0

**Learning Outcome**
Construct and interpret both a balance sheet and an income statement.

**Title**
Solving Problems in a Group Setting.

**Tags**
176865, 6

**Learning Outcome**
Discuss accounting issues and solve accounting problems in a time-constrained group setting.

| Title | Tags |
| --- | --- |
| Knowledge | 197833, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197834, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197835, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197836, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

| Title | Tags |
| --- | --- |
| Using Excel Spreadsheets | 176871, 5 |

**Learning Outcome**
Construct and use simple Excel spreadsheets in a financial accounting setting.

| Title | Tags |
| --- | --- |
| Statement of Cash Flows | 176872, 1 |

**Learning Outcome**
Construct and interpret a statement of cash flows.

| Title | Tags |
| --- | --- |
| Financial Accounting Internationalization | 176879, 8 |

**Learning Outcome**
Track the ongoing internationalization of financial accounting.

| Title | Tags |
| --- | --- |
| Ethical Problems | 176915, 7 |

**Learning Outcome**
Intelligently discuss the ethical dimensions of a variety of accounting-related business problems.

| Title | Tags |
| --- | --- |
| Applying Financial Accounting Rules | 176918, 2 |

**Learning Outcome**
Apply the financial accounting rules that exist in the following areas.a. Revenue recognitionb. Inventoryc. Compensation (including pensions and options)d. Long-term assets (including impairment)e. Bondsf. Leases (including the financial ratio impact of operating leases)g. Stockholders' equity (including accumulated other comprehensive income)h. Investment securities (including derivatives)i. Fair value accountingj. Foreign currency transactions and translation

| Title | Tags |
| --- | --- |
| Time Value of Money | 176921, 4 |

**Learning Outcome**
Employ the time value of money in a financial accounting context.

| Title | Tags |
| --- | --- |
| Online Learning Resources | 176924, 6 |

**Learning Outcome**
Be able to use online learning resources.

## MBA 502 - Managerial Accounting 1

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
502

**Teaching Area**
MBA

**Course Title**
Managerial Accounting 1

**Course Description**
Objectives and procedures of cost accounting. Topics include job costing, joint product costing, cost behavior analysis, standard costs, cost allocation problems, and cost data use in management.

**When Taught**
Contact Department

#### Credit Hours

**Min**
1.5

**Fixed**
1.5

#### Lecture Hours

**Fixed**
1.5

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Measures | 176802, 0 |

**Learning Outcome**
Identify and tie together organization and performance measures

## MBA 505 - Leadership

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
505

**Teaching Area**
MBA

**Course Title**
Leadership

**Course Description**
Develop leadership ability by identifying and building upon existing strengths. Students focus on maintaining positive professional relationships while motivating high performance of individuals, teams, and organizations. Topics include organizational culture and change, leader communication, and character.

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2.5

#### Lab Hours

**Fixed**
0.5

| Title | Tags |
| --- | --- |
| Identify Signature Strengths | 176800, 4 |

**Learning Outcome**
Identify signature strengths and competencies, and make them

| Title | Tags |
| --- | --- |
| Application | 176804, 2 |

**Learning Outcome**
Critically evaluate traditional management accounting data to improve communication in support of management processes

| Title | Tags |
| --- | --- |
| Data | 176946, 1 |

**Learning Outcome**
Identify and organize relavent data that support decision making

the focus of professional development efforts.

| Title | Tags |
| --- | --- |
| Effective Communication | 176819, 5 |

**Learning Outcome**
Communicate effectively, both in speaking and writing.

| Title | Tags |
| --- | --- |
| Fostering Innovation | 176836, 1 |

**Learning Outcome**
Foster innovation by generating new ideas and borrowing from other communities of practice.

| Title | Tags |
| --- | --- |
| Analyzing and Changing Organizational Culture | 176859, 0 |

**Learning Outcome**
Analyze and assess the culture of an organization for the purpose of leading or influencing cultural change.

| Title | Tags |
| --- | --- |
| Developing Professional Relationships | 176890, 2 |

**Learning Outcome**
Develop positive professional relationships that help to motivate others and increase their discretionary effort.

| Title | Tags |
| --- | --- |
| Organizational Messages | 176902, 3 |

**Learning Outcome**
Introduce and manage organizational messages so that they positively influence people's perceptions and behavior.

## MBA 510 - Management and Information Technology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MBA | 510 |

**Teaching Area**

## MBA 520 - Business Finance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MBA | 520 |

**Teaching Area**
MBA

MBA
**Course Title**
Management and Information Technology
**Course Description**
Management and control with information technology. Information flow, database design, and use applied to cost controls and managerial decision making.
**When Taught**
Contact Department

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Evaluating IT Investments | 176868, 1 |

**Learning Outcome**
Set priorities for activities in an IT function. Learn a structured process for evaluating potential systems investments.

| Title | Tags |
| --- | --- |
| Analyze IT Outsourcing/Off-shoring | 176923, 3 |

**Learning Outcome**
Analyze the pros and cons of IT outsourcing/off-shoring.

| Title | Tags |
| --- | --- |
| Relevance of IT for Business Leaders | 176929, 2 |

**Learning Outcome**
Describe the relevance of IT for business leaders.

| Title | Tags |
| --- | --- |
| Strategic Planning Using IT | 176947, 0 |

**Learning Outcome**
Take part in strategic planning

**Course Title**
Business Finance
**Course Description**
Short-term financing of a business operation. Developing techniques for financial planning, such as analysis of ratios, profitability, and liquidity.
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Financing | 176627, 2 |

**Learning Outcome**
Explain the various sources of financing, their associated costs, and their advantages and disadvantages.

| Title | Tags |
| --- | --- |
| Pro Forma Statements | 176628, 3 |

**Learning Outcome**
Calculate and use financial statements and ratios to analyze a business and create and use pro forma statements for planning and decision-making purposes

| Title | Tags |
| --- | --- |
| Paper and Tangible Assets | 176810, 0 |

**Learning Outcome**
Value paper assets (stocks and bonds) and tangible assets (capital budgeting) using the tools of time value of money, including NPV and IRR.

Take part in strategic planning using IT in business contexts where IT plays an important role. Understand the competitive implications of information technology.

## MBA 521 - Global Treasury Management

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
521

**Teaching Area**
MBA

**Course Title**
Global Treasury Management

**Course Description**
Prepare students to work as treasurer or CFO by helping them understand banking relations, cash management, short-term investing and borrowing, liquidity management, and receivables and payables management in an era of electronic commerce.

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MBA 520 - Business Finance

Prerequisites

**Complete ALL of the following Courses:**
- FIN 201 - Principles of Finance

## MBA 528 - Managerial Finance

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
528

**Teaching Area**
MBA

**Course Title**
Managerial Finance

**Course Description**
Topics include working capital management, financial forecasting, asset valuation, capital budgeting, capital structure, cost of capital, investing, international finance, firm valuation, etc. discussed in a framework for both corporations and personal life.

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Valuation Techniques

**Tags**
176029, 1

**Learning Outcome**
Explain the concepts behind the valuation techniques verbally and in written form.

**Title**
Assets and Investments

**Tags**
176056, 0

**Learning Outcome**
Compute values for different assets and/or investments with discounted cash flow and option

discounted cash flow and option pricing techniques

**Additional Comments:**

| Title | Tags |
|---|---|
| Analyzing payment systems | 177041, 1 |

**Learning Outcome**
Analyze a company's collection, disbursement, and payment systems and determine the costs/benefits of making changes to the cash inflow/outflow timelines.

| Title | Tags |
|---|---|
| Managing liquidity | 177042, 3 |

**Learning Outcome**
Determine firm's liquidity needs and how these can be met from various sources.

| Title | Tags |
|---|---|
| Ethical issues in treasury management | 177043, 2 |

**Learning Outcome**
Explain how important ethical behavior is to a treasurer/chief financial officer.

| Title | Tags |
|---|---|
| Managing uncertain cash flows | 177044, 4 |

**Learning Outcome**
Evaluate the methods, costs, benefits, and risks of hedging uncertain cash flows using various derivative transactions.

## MBA 529 - Strategic Logistics Management

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MBA | 529 |

**Teaching Area**
MBA
**Course Title**
Strategic Logistics Management
**Course Description**
Applying and integrating logistics-related topics, including materials management, physical distribution, inventory management, warehousing, logistics network design, customer service, packaging, and materials handling.
**When Taught**
Winter

## MBA 530 - Operations Management

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MBA | 530 |

**Teaching Area**
MBA
**Course Title**
Operations Management
**Course Description**
Examining issues and tools in production and operations management. Specific tools for forecasting, planning, inventory control, and project management presented and developed.
**When Taught**
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Ethical Behavior | 176794, 5 |

Learning Outcome
Students will demonstrate the highest possible ethical behavior in completing all work.

| Title | Tags |
| --- | --- |
| Strategic management | 176826, 0 |

Learning Outcome
Students will be able to develop and implement strategic plans based on a firm'slogistics capabilities.

| Title | Tags |
| --- | --- |
| Professionalism | 176939, 4 |

Learning Outcome
Students will demonstrate appropriate managerial professionalism through responsible behavior,thorough work, and prompt action.

| Title | Tags |
| --- | --- |
| International Logistics | 176986, 2 |

Learning Outcome

Students will be able to plan and lead the execution of international logistics strategies in a global supply chain context

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Principles of Production | 177139, 1 |

Learning Outcome
Understand fundamental principles of production pertaining to capacity, variability, production flow, inventory, and so forth.

| Title | Tags |
| --- | --- |
| Analyze Business Operations | 177140, 2 |

Learning Outcome
Analyze business operations using basic quantitative analysis techniques.

| Title | Tags |
| --- | --- |
| Apply Operations Principles | 177141, 3 |

Learning Outcome
Apply operations principles in an actual business situation.

| Title | Tags |
| --- | --- |
| Operations and Supply Chain Management | 177148, 0 |

Learning Outcome
Managed operations and supply chain in a scientific manner

in a global supply chain context.

| Title | Tags |
| --- | --- |
| Managerial Skills | 176987, 3 |

**Learning Outcome**

Students will demonstrate excellence in analyzing management problems, developing fact based solutions, communicating recommendations, and implementing plans.

| Title | Tags |
| --- | --- |
| Network and Process Analysis | 176988, 1 |

**Learning Outcome**

Students will be able to use analytical tools to simulate, analyze, and optimize global, supply chain networks and processes.

## MBA 531 - Strategic Sourcing and Logistics Management

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
531

**Teaching Area**
MBA

**Course Title**
Strategic Sourcing and Logistics Management

**Course Description**
Applying and integrating sourcing and logistics-related topics, including: supplier selection, management, and development; cost analysis; total cost of ownership; contract management; category analysis; materials management; physical distribution; inventory management; warehousing; logistics network design; customer service; packaging; and materials handling.

**When Taught**
Winter

## MBA 532 - Strategic Sourcing

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
532

**Teaching Area**
MBA

**Course Title**
Strategic Sourcing

**Course Description**
Upstream supply chain activities of supplier selection, management, and development. Topics will include negotiations, costing, product development, and commodity analysis.

**When Taught**
Winter

### Credit Hours

**Min**
3

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| None | 207215, 1 |

Learning Outcome
Students will be able to develop and implement strategic plans based on a firm's logistics capabilities and sourcing needs.

| Title | Tags |
| --- | --- |
| None | 207216, 2 |

Learning Outcome
Students will be able to use analytical tools to simulate, analyze, and optimize global, supply chain networks and processes.

| Title | Tags |
| --- | --- |
| None | 207217, 3 |

Learning Outcome
Students will be able to plan and lead the execution of international sourcing and logistics strategies in a global supply chain context.

| Title | Tags |
| --- | --- |
| None | 207218, 4 |

Learning Outcome
Students will demonstrate appropriate managerial professionalism through responsible ethical behavior.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Ethical Behavior | 176821, 0 |

Learning Outcome
Determine for yourself how to behave in an ethical manner as a purchasing manager.

| Title | Tags |
| --- | --- |
| Supply Management Issues | 176937, 2 |

Learning Outcome
Develop creative, strategic approaches to solving supply management issues.

| Title | Tags |
| --- | --- |
| Purchasing Decisions | 176960, 1 |

Learning Outcome
Evaluate purchasing decisions based on price and cost analysis.

# MBA 535 - Leadership and the Gospel of Jesus Christ: Becoming a Disciple-Leader

## Course Information

**Teaching Area (new)**
MBA

**Course Number**
535

**Teaching Area**
MBA

**Course Title**
Leadership and the Gospel of Jesus Christ: Becoming a Disciple-Leader

**Course Description**
The focus of this course is becoming a disciple-leader by realizing the power of the Gospel of Jesus Christ in your life and your leadership. You become a disciple-leader by learning deeply the Gospel of Jesus Christ and implementing its principles in your life and your leadership. In order to learn deeply in our study of leadership and Gospel doctrine and principles, we must 1) know and understand them in our minds; 2) understand and feel them in our hearts; 3) learn to take effective, righteous action based on them; and 4) incorporate them into our identity, character and being. \n

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

# MBA 537 - Change Management

## Course Information

**Teaching Area (new)**
MBA

**Course Number**
537

**Teaching Area**
MBA

**Course Title**
Change Management

**Course Description**
Theory and practice of change in organizations.

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Primarily for 1st year OBHR track MBA students to help them prepare for their internships. Other graduate students who are interested in change management are also welcome.

| Title | Tags | Learning Outcome |
|---|---|---|
| Diagnosing Performance | 176989, 0 | Diagnose the key characteristics of individuals, organizations, and organizational subunits that influence their performance |
| Analyzing Performance Gaps | 176990, 1 | Investigate and identify the root causes of performance gaps at the individual, subunit, and organizational levels |
| Improving Performance | 176991, 2 | |

Learning Outcome
Design interventions to ameliorate performance gaps and evaluate the likelihood that an intervention will successfully meet its objectives

| Title | Tags |
| --- | --- |
| Evaluating Interventions | 176992, 3 |

Learning Outcome
Evaluate the effectiveness of an intervention after implementation.

## MBA 542 - Frameworks for Understanding Organizations

### Course Information

Teaching Area (new): MBA
Course Number: 542
Teaching Area: MBA
Course Title: Frameworks for Understanding Organizations
Course Description: Learn and use multiple theoretical frames to understand and evaluate organizations in order to diagnose strengths and areas for improvement and to develop a course of action. Content, concepts, and theories related to both the micro (individual level) and macro (organizational level) aspects of organizational behavior.
When Taught: Fall

### Credit Hours

Min: 3
Fixed: 3

### Lecture Hours

Fixed: 3

### Lab Hours

Fixed: 0

## MBA 543 - Oral Communication for Business Leaders

### Course Information

Teaching Area (new): MBA
Course Number: 543
Teaching Area: MBA
Course Title: Oral Communication for Business Leaders
Course Description: Weekly professional seminar on presentation skills, interaction in social settings, and resolving workplace conflict. Highly experiential, skills-based course.
When Taught: Fall and Winter

### Credit Hours

Min: 1.5
Fixed: 1.5

### Lecture Hours

Fixed: 1.5

### Lab Hours

Fixed: 0

| Title | Tags |
| --- | --- |
| Presentation Skills | 207212, 1 |

Learning Outcome
Design and deliver presentations that are polished and

that are polished and professional by focusing on the message, the media, and the messenger.

| Title | Tags |
| --- | --- |
| Social Interaction | 207213, 2 |

**Learning Outcome**
Communicate clearly and confidently in professional social settings such as receptions and networking events.

| Title | Tags |
| --- | --- |
| Resolving Workplace Conflict | 207214, 3 |

**Learning Outcome**
Apply conflict-resolution strategies to effectively deliver feedback on an individual's performance.

## MBA 544 - Team Management and Consultation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MBA | 544 |

**Teaching Area**
MBA
**Course Title**
Team Management and Consultation
**Course Description**
Investigate the dynamics that make teams successful, analyze pitfalls of working in teams, and explore recommendations to improve team effectiveness. Identify and resolve common team challenges, both as team leaders and consultants to an external team.
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## MBA 546 - Human Resource Management Skills

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MBA | 546 |

**Teaching Area**
MBA
**Course Title**
Human Resource Management Skills
**Course Description**
Acquiring skills and competencies including selection, compensation, performance evaluation, training evaluation, organizational assessment, and research methodology.
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Title
Preparing managers for family/work issues

Tags
207193, 1

Learning Outcome
Effectively deal with work/family issues in the workplace.

Title
Academic Scholarship

Tags
207194, 2

Learning Outcome
Understand the distinguishing features of "academic scholarship."

Title
Theoretical Contribution

Tags
207195, 3

Learning Outcome
Understand what theory is and isn't and what constitutes a theoretical contribution.

Title
Role of Theory

Tags
207196, 4

Learning Outcome
Understand the role of theory in different kinds of scholarly investigations.

Title
Understanding work/family research

Tags
207197, 5

Learning Outcome
Be intelligent consumers of work/family research.

Title
Theoretical Argument Modeling

Tags
207198, 6

Learning Outcome
Model a theoretical argument.

Title
Teaching others to deal with work/family issues

Tags
207199, 7

Learning Outcome
Effectively teach others to deal

Fixed
0

Title
Designing Training Programs

Tags
176752, 4

Learning Outcome
Assess training needs, design a training program, and evaluate it.

Title
Performance Evaluation System

Tags
176758, 3

Learning Outcome
Develop and implement a performance evaluation system.

Title
Human Resource Plan

Tags
176792, 1

Learning Outcome
Develop a human resource plan.

Title
Designing Compensation Systems

Tags
176798, 5

Learning Outcome
Design and implement a compensation system that is equitable, legal, motivating, and cost-benefit effective.

Title
Discrimination in Employment

Tags
176869, 0

Learning Outcome
Describe the legal restrictions governing discrimination in employment.

Title
Labor Relations

Tags
176893, 6

Learning Outcome
Explain the major labor relations laws and describe unfair labor practices.

Title
Recruitment Systems

Tags
176948, 2

Learning Outcome
Design a valid recruitment and selection system.

with work/family issues in a variety of settings.

**Title**
Organizational Behavior Theory and Research

**Tags**
207200, 8

**Learning Outcome**
Understand the difference between behavior in organizations and behavior of organizations and the implications for organizational behavior theory and research.

## MBA 547 - Labor Relations and Employment Law

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
547

**Teaching Area**
MBA

**Course Title**
Labor Relations and Employment Law

**Course Description**
U.S./International labor/industrial relations. History, labor law, union organizing campaigns, contract negotiations, arbitration, union avoidance. Employment discrimination, work policies, and workplace safety and health.

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Mapping the core issues in labor relations

**Tags**
177019, 1

**Learning Outcome**

## MBA 548 - Strategic Human Resource Management

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
548

**Teaching Area**
MBA

**Course Title**
Strategic Human Resource Management

**Course Description**
HRM from manager's perspective. Employment relationship, recruiting/selection, employment law, performance management, and HRM in emerging companies. Managing human assets within firm's strategy, industry, and stakeholder environment.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Employment Interview

**Tags**
176823, 0

**Learning Outcome**

Learning Outcome
Discuss the most dominant labor issues in the U.S. employment sector and how they affect employers and employees.

Title
Analyzing the legal landscape in employment law

Tags
177020, 2

Learning Outcome
Analyze the impacts of the major legal decisions related to labor relations from the year 2000 to the present.
Describe how they have affected labor practices in the workplace.

The students will be able to design and carry out a valid employment interview.

Title
Provide Solutions

Tags
176883, 2

Learning Outcome
The student will be able to know how to analyze and provide critically evaluated solutions to organizational problems using a systematic approach.

Title
Understanding Compensation Systems

Tags
176927, 1

Learning Outcome
The student will be able to understand the strengths and weaknesses of various compensation systems.

Title
Systematic approaches for solutions to organizational problems

Tags
176993, 5

Learning Outcome
The student will be able to know how to analyze and provide critically evaluated solutions to organizational problems using a systematic approach.

Title
Strengths and weaknesses of compensation systems

Tags
177134, 4

Learning Outcome
The student will be able to understand the strengths and weaknesses of various compensation systems.

## MBA 549R - Professional Seminar in Organizational Behavior

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
549R

**Teaching Area**
MBA

**Course Title**
Professional Seminar in Organizational Behavior

**Course Description**
Business professionals, including HR leaders, facilitate discussions about cutting-edge challenges in Human Resource Management and organizational consulting. Topics may include, but are not limited to: talent acquisition, change management, HR's role in mergers and acquisitions, global HR issues, performance management, union/labor relations, leadership development, and aligning HR with business strategies.

**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
3

## MBA 549R - Work and Family

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
549R

**Teaching Area**
MBA

**Course Title**
Work and Family

**Course Description**
Research and practical application related to successfully harmonizing one's family and work lives.

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

## MBA 549R - Understanding Organizations

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
549R

**Teaching Area**
MBA

**Course Title**
Understanding Organizations

**Course Description**
Perspectives of psychology and sociology on the organization, organizational identity, organizational effectiveness, and organizational change. Critical thinking and application to cases and personal experience.

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

## MBA 550 - Marketing Management

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
550

**Teaching Area**
MBA

**Course Title**
Marketing Management

**Course Description**
Development of analytical marketing tools and techniques; their utilization in case analysis and decision making in marketing management.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| The 4 P's of Marketing | 176629, 1 |

**Learning Outcome**
Apply the "4Ps" of the marketing mix to address marketing issues.

| Title | Tags |
| --- | --- |
| Appropriate Marketing Actions | 176630, 2 |

**Learning Outcome**
Decide on appropriate marketing actions based on an understanding of market segmentation, targeting and positioning.

| Title | Tags |
| --- | --- |
| Marketing Research Methods | 176631, 3 |

**Learning Outcome**
Apply basic marketing research methods to uncover consumer perceptions regarding product value and distinctive competencies.

| Title | Tags |
| --- | --- |
| Marketing Strategy | 176632, 4 |

**Learning Outcome**
Explain fundamental components of marketing strategy and how each is related to creating and sustaining customer value.

| Title | Tags |
| --- | --- |
| Advanced Marketing Techniques | 176633, 5 |

**Learning Outcome**
Explain the theory and application of advanced marketing techniques such as ZMET, Hierarchical Value Mapping, Perceptual Mapping, the Brand Design Schematic, and Conjoint Analysis.

## MBA 553 - Pricing Strategies

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
553

**Teaching Area**
MBA

**Course Title**
Pricing Strategies

**Course Description**
Introduction to frameworks relevant for making pricing decisions. An integrative approach to pricing strategies combining strategic, economic, marketing, and psychological considerations.

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
"Play to Strength"

**Tags**
176747, 3

**Learning Outcome**
Use hierarchical values maps to specify a “play to strength” marketing strategy.

**Title**
Conjoint Analysis

**Tags**
176787, 4

**Learning Outcome**
Use conjoint analysis to design a new product or service.

**Title**
Target Segments and Product Positioning.

**Tags**
176811, 2

**Learning Outcome**
Use factor analysis, partial correlation analysis, and means analysis to build quantitative hierarchical value maps to better

## MBA 554 - Internet Marketing

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
554

**Teaching Area**
MBA

**Course Title**
Internet Marketing

**Course Description**
Marketing strategy for business on the internet: marketing research, sales, and promotional concepts.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

understand the segment(s) we target and how to position product.

| Title | Tags |
| --- | --- |
| Factor and Cluster Analysis | 176849, 0 |

**Learning Outcome**
Use factor analysis and cluster analysis to uncover and understand the segments in a marketplace.

## MBA 555 - Marketing and Brand Insights Consulting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MBA | 555 |

**Teaching Area**
MBA
**Course Title**
Marketing and Brand Insights Consulting
**Course Description**
Marketing consulting projects with real clients, from business development to project execution and delivery.
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MBA 556 - Advertising and Promotion

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MBA | 556 |

**Teaching Area**
MBA
**Course Title**
Advertising and Promotion
**Course Description**
Key issues facing marketing managers when promoting products and services. Cases, readings, and research on the elements of effective communication strategies and promotional programs.
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Creative Brief | 176762, 1 |

**Learning Outcome**
Develop ability to create and communicate critical components of a creative brief.

| Title | Tags |
| --- | --- |
| Marketing Communications | 176796, 0 |

**Learning Outcome**
Develop critical skills to plan, develop, and evaluate marketing communications.

| Title | Tags |
| --- | --- |
| Financial Impact | 176820, 2 |

**Learning Outcome**
Become proficient in calculating the financial impact of marketing communications and trade promotions on the firm.

| Title | Tags |
| --- | --- |
| Social, Legal, Ethical | 176848, 3 |

**Learning Outcome**
Understand the social, legal, and ethical considerations involved in the promotional planning process.

## MBA 560 - Business Analytics

### Course Information

**Teaching Area (new)**
MBA
**Course Number**
560
**Teaching Area**
MBA
**Course Title**
Business Analytics
**Course Description**
Skills business leaders need to make decisions based on data. Foundations of quantitative analysis necessary to understand the business analytics process. Applying steps in the analytics process including identifying and articulating the business problem, gathering appropriate data, determining the proper analysis procedure, and summarizing/reporting the resulting findings.
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MBA 574 - Creating the Virtuous Organization

### Course Information

**Teaching Area (new)**
MBA
**Course Number**
574
**Teaching Area**
MBA
**Course Title**
Creating the Virtuous Organization
**Course Description**
This course explores the role of business in creating a Zion community, using the lens of organizational virtue as a starting point. Students will actively engage in creating thought leadership for incorporating principles of Zion-patterned governance in business and market institutions, as well as engaging readings on this topic from a variety of religious, scholarly, and popular sources. Students will apply their work to contemporary issues in the practice of business management and work to build a cohesive school of thought that can be shared with a variety of internal and external audiences.
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MBA 580 - Business Strategy

### Course Information

**Teaching Area (new)**
MBA
**Course Number**
580
**Teaching Area**
MBA
**Course Title**
Business Strategy
**Course Description**
Introduction to strategic planning; concepts, models, and analysis.
**When Taught**
Winter

### Credit Hours

## MBA 581 - Competitive Strategy and Analysis

### Course Information

**Teaching Area (new)**
MBA
**Course Number**
581
**Teaching Area**
MBA
**Course Title**
Competitive Strategy and Analysis
**Course Description**
The application of??various tools in micro-economic theory (demand, cost, production, oligopoly, game, etc.), strategic frameworks (strategic groups, portfolio analysis, diagnostic tools, etc.), and statistical analysis (regression, factor, cluster, etc.) to provide students with a broad

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Analyzing Competitive Situations | 176760, 1 |

Learning Outcome
Use strategy concepts and models of strategic management presented in class to analyze the competitive situation facing a firm.

| Title | Tags |
| --- | --- |
| Achieving a Competitive Advantage | 176845, 2 |

Learning Outcome
Apply the models of strategic management presented in the course to arrive at recommendations that will help organizations achieve and sustain competitive advantage.

| Title | Tags |
| --- | --- |
| Communicating Conclusions | 176854, 3 |

Learning Outcome
Persuasively communicate analytical conclusions and recommendations in verbal and written form.

| Title | Tags |
| --- | --- |
| Role of the Business Leader | 176952, 4 |

Learning Outcome
Appreciate the roles, responsibilities, and potential influence of business leaders in the strategy process.

exposure to the kinds of strategic analysis that yield key insights for managers engaged in the work of strategy. Applications fall into categories of competition, customers, costs, and capabilities.??Beyond the development of analytical skills, the course also aims to provide practice in delivering strategic insights to managers by assigning students to work on a project for a company of their choosing.

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
MBA 580; MBA 580; Previous or concurrent enrollment with MBA580

| Title | Tags |
| --- | --- |
| Models of Strategic Management | 176976, 0 |

**Learning Outcome**
Understand the concepts and models of strategic management presented in the course.

## MBA 584 - Introduction to Global Management

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
584

**Teaching Area**
MBA

**Course Title**
Introduction to Global Management

**Course Description**
Global management frameworks such as national culture, the CAGE model of distances or differences (cultural, administrative, geographic and economic), a "flat" vs. "spiky" world, and applying such to functional areas of business (marketing, HR, finance, etc.).

**When Taught**
Winter

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| CAGE Framework | 207201, 1 |

**Learning Outcome**
Apply the leading frameworks of international business context, such as national culture, the CAGE model of distance, a "flat" vs. "spiky" world, as well as taxonomies of emerging/powerful markets such as BRIC, MIST/MINT

## MBA 588 - Healthcare Industry Dynamics

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
588

**Teaching Area**
MBA

**Course Title**
Healthcare Industry Dynamics

**Course Description**
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare (e.g., accounting, data analytics, ethics, finance, human resources, information systems, marketing, operations, organizational behavior, strategy, supply chain management, and other specializations).

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Understand the Healthcare Industry | 214708, 0, 1 |

**Learning Outcome**
Demonstrate an understanding of the various components of the healthcare industry

such as BRIC, MIST/MINT countries, etc. Recognize and share current events in world business that illustrate this framework (and the content of the rest of the learning outcomes).

**Title**
Characteristics of a Global Industry

**Tags**
207202, 2

**Learning Outcome**
Understand the complexities of expansion, in general, into global markets--that is, the pitfalls and opportunities that companies face as they seek new, foreign customers for their products and services.

**Title**
Foreign Markets

**Tags**
207203, 3

**Learning Outcome**
Deepen and apply global learning to functional areas of business such as finance (e.g. foreign exchange), marketing (e.g. new product development worldwide), supply chain (e.g. outsourcing and offshoring) and human resource management (e.g. global teams and expatriate assignments). Understand how the concepts of culture, political systems, etc. apply to the various aspects of managing a business.

**Title**
Managing Multi-National Enterprises (MNE)

**Tags**
207204, 4

**Learning Outcome**
Integrate knowledge from other core courses in the MBA program that span across functional areas (e.g., ethics, strategy, etc.) to learn how global management fits into a "putting it all together" approach to running a cross-national enterprise.

**Title**
Apply Functional Specialties to Healthcare

**Tags**
214709, 0, 2

**Learning Outcome**
Apply functional specialties to challenges specific to the healthcare industry

**Title**
Work in Teams

**Tags**
214710, 0, 3

**Learning Outcome**
Demonstrate an ability to function in a team setting

**Title**
Articulate Healthcare Industry Complexities

**Tags**
214711, 0, 4

**Learning Outcome**
Articulate the most important complexities of the healthcare industry

## MBA 590R - Consulting Field Study

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
590R

**Teaching Area**
MBA

**Course Title**
Consulting Field Study

**Course Description**
Working as a team with faculty and management in strategic consulting projects for local, national, and international business.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

## MBA 590R - Miller New Venture Competition Leadership

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
590R

**Teaching Area**
MBA

**Course Title**
Miller New Venture Competition Leadership

**Course Description**
Working as a team with faculty and management in strategic consulting projects for local, national, and international business.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

## MBA 590R - Business Plan Competition Management

### Course Information

**Teaching Area (new)**
MBA
**Course Number**
590R
**Teaching Area**
MBA
**Course Title**
Business Plan Competition Management
**Course Description**
Directors of the BYU Business Plan Competition learn and apply skills in leadership, governance, financial management, mentoring, and VA/Angel networking. application and faculty approval required.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5
**Fixed**
3

### Lab Hours

**Fixed**
0

## MBA 591R - Integrative Exercise

### Course Information

**Teaching Area (new)**
MBA
**Course Number**
591R
**Teaching Area**
MBA
**Course Title**
Integrative Exercise
**Course Description**
Integrated applications of case analysis and presentation skills. Group work to analyze cases and formulate recommendations, followed by professional presentations to groups representing management.
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5
**Fixed**
3

## MBA 593R - Management Seminar

### Course Information

**Teaching Area (new)**
MBA
**Course Number**
593R
**Teaching Area**
MBA
**Course Title**
Management Seminar
**Course Description**
Invited guests speak on topics of general management interest ranging from ethics, industry problems and opportunities, and government policies to relevant current events.
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5
**Fixed**
3

## MBA 595 - Razor's Edge: Intentional Principles for Leading and Thriving

### Course Information

**Teaching Area (new)**
MBA
**Course Number**
595
**Teaching Area**
MBA
**Course Title**
Razor's Edge: Intentional Principles for Leading and Thriving
**Course Description**
Preparing students to intentionally thrive on three levels: 1) personally, 2) in their family, and 3) as business leaders. Review of the literature around the myths of happiness, and exploration of motivation (self-determination theory) and positive psychology (positive emotion, engagement, relationships, meaning and achievement). Implications of technology, nature, essentialism, GRIT, and physical and spiritual well-being. A 2-day learning adventure provides an experiential context to live and experience the principles studied in a real world context. Each student creates a plan to thrive.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Foundational Theories | 207205, 1 |

**Learning Outcome**
Demonstrate a working knowledge of relevant theory and research in motivation and positive psychology.

| Title | Tags |
| --- | --- |
| Applications | 207206, 2 |

**Learning Outcome**
Apply principles from motivation and positive psychology to intentionally thrive on a personal, family and professional level.

| Title | Tags |
| --- | --- |
| Implications | 207207, 3 |

**Learning Outcome**
Become a leader who can intentionally create engaging work environments and thriving corporate cultures.

## MBA 598R - Curricular Practical Training

### Course Information

**Teaching Area (new)**
MBA

**Course Number**
598R

**Teaching Area**
MBA

**Course Title**
Curricular Practical Training

**Course Description**
Hands-on practical training for MBA international students to be taken after their first year of the MBA program.

**When Taught**

## MBA525 - Financial Statement Analysis

### Course Information

**Course Number**
525

**Teaching Area**
MBA

**Course Title**
Financial Statement Analysis

**Course Description**
Focus on using corporate financial statements to make business and investment decisions. Learn to use accounting information in a variety of decision contexts, including strategic ratio analysis, earnings quality

Spring and Summer Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

analysis, credit risk analysis, building pro forma financial statements and security valuation. Emphasis will be given to practical applications and cultivating your analytical skills.

**Department**
1007

**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Strategy | 214003, 0, 1, 2023-08-29 10:50:58 |

**Learning Outcome**
Assess the firm and its strategy within the context of its industry.

| Title | Tags |
| --- | --- |
| Analysis | 214004, 0, 2, 2023-08-29 10:50:59 |

**Learning Outcome**
Analyze company performance and financial position using ratio analyses and other analytical procedures.

| Title | Tags |
| --- | --- |
| Assess Quality | 214005, 0, 3, 2023-08-29 10:51:01 |

**Learning Outcome**
Utilize the tools and techniques used to assess the “quality” of firms reported earnings and financial position.

| Title | Tags |
| --- | --- |
| Financial information | 214006, 0, 4, 2023-08-29 10:51:02 |

**Learning Outcome**
Application of financial information in equity markets.

| Title | Tags |
| --- | --- |
| Forecast | 214007, 0, 5, 2023-08-29 10:51:04 |

**Learning Outcome**
Develop the ability to forecast financial performance and to

financial performance and to build pro forma financial statements.

| Title | Tags |
| --- | --- |
| Communication | 214008, 0, 6, 2023-08-29 10:51:06 |

**Learning Outcome**
Communicate the results of technical analyses verbally and in writing.

| Title | Tags |
| --- | --- |
| Deal with Ambiguity | 214009, 0, 7, 2023-08-29 10:51:07 |

**Learning Outcome**
Overcome “controlled” ambiguity.

## MBA536 - Discipleship in Global Management

### Course Information

**Course Number**
536
**Teaching Area**
MBA
**Course Title**
Discipleship in Global Management
**Course Description**
Deepening the understanding of our Savior and restored gospel while maintaining our discipleship by expanding knowledge and preparing to manage careers in a global environment.
**Department**
1007
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Learning | 214010, 0, 1, 2023-08-29 10:51:09 |

**Learning Outcome**
Having a deeper understanding of church doctorines

## MBA570 - Entrepreneurial Innovation

### Course Information

**Course Number**
570
**Teaching Area**
MBA
**Course Title**
Entrepreneurial Innovation
**Course Description**
Management of the class of business problems characterized by uncertainty. Design and execute experiments to dispel uncertainty. Learning by experience with entrepreneurial innovations. Find an unknown need, solve it, and validate the innovation with target customers.
**Department**
1007
**When Taught**
Winter

### Credit Hours

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

| Title | Tags |
| --- | --- |
| Experiment | 214013, 0, 1, 2023-08-29 10:51:13 |

**Learning Outcome**
Design and conduct experiments to dispel uncertainty about customer needs and solutions

customer needs and solutions.

| Title | Tags |
| --- | --- |
| Sensitive | 214011, 0, 2, 2023-08-29 10:51:10 |

**Learning Outcome**
Being able to discuss sensitive topics in a safe environment

| Title | Tags |
| --- | --- |
| Execute | 214012, 0, 3, 2023-08-29 10:51:12 |

**Learning Outcome**
Work in a global environment and maintain discipleship

| Title | Tags |
| --- | --- |
| Unknown Needs | 214014, 0, 2, 2023-08-29 10:51:19 |

**Learning Outcome**
Gather ethnographic data about people and exercise empathy to identify unknown, unmet needs

| Title | Tags |
| --- | --- |
| Creative Solutions | 214015, 0, 3, 2023-08-29 10:51:21 |

**Learning Outcome**
Generate creative ideas for solutions to customer needs

| Title | Tags |
| --- | --- |
| Prototype | 214016, 0, 4, 2023-08-29 10:51:22 |

**Learning Outcome**
Test the efficacy of solutions to solve customer needs with prototypes

## MBA572 - Entrepreneurial Analytics

### Course Information

**Course Number**
572
**Teaching Area**
MBA
**Course Title**
Entrepreneurial Analytics
**Course Description**
Analysis of expected profitability of startups. Students collect and analyze data to estimate customer demand, cost, and profit and then make decisions to help startups profitably enter and compete in markets.
**Department**
1007
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

| Title | Tags |
|---|---|
| Experiment | 214017, 0, 1, 2023-08-29 10:51:24 |

**Learning Outcome**
Design and execute experiments to test hypotheses about customer pains and solution.

| Title | Tags |
|---|---|
| Estimate expected profitability | 214018, 0, 2, 2023-08-29 10:51:28 |

**Learning Outcome**
Calculate expected profitability of an innovation based on analysis of customer demand, revenue, cost, and competition.

| Title | Tags |
|---|---|
| Launch / No launch | 214019, 0, 3, 2023-08-29 10:51:29 |

**Learning Outcome**
Decide whether to launch a new venture based on analysis of profit and entry barriers.

## MDT 161 - Voice Technique 1

### Course Information

**Teaching Area (new)**
MDT
**Course Number**
161
**Teaching Area**
MDT
**Course Title**
Voice Technique 1
**Course Description**
Class instruction in voice technique.
**Department**
Theatre & Media Arts
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance by audition to the MDT program
**Note**
MDT Majors only

## MDT 221 - Musical Theatre Performance

## MDT 229 - Musical Scene Study

## MDT 221 - Musical Theatre Performance

### Course Information

**Teaching Area (new)**
MDT
**Course Number**
221
**Teaching Area**
MDT
**Course Title**
Musical Theatre Performance
**Course Description**
Performance in a BYU Theatre musical.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
3

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Audition required; MDT majors only.

## MDT 229 - Musical Scene Study

### Course Information

**Teaching Area (new)**
MDT
**Course Number**
229
**Teaching Area**
MDT
**Course Title**
Musical Scene Study
**Course Description**
In-depth study of different genres of musical theatre; text analysis, research, written assignments and performance.
**Department**
Theatre & Media Arts
**When Taught**
Winter.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 140 - Contemporary Modern Dance, Beginning **AND** TMA 228 - Acting 2

MDT Majors Only

**Complete at least 2 of the following courses:**
- MUSIC 260R - Performance Instruction: Contemporary Voice

**Additional Comments:**

**Prerequisite**
**Type**
Prerequisite

MDT Majors Only

**Earn at least 2 credits from the following:**
- MUSIC 260R - Performance Instruction: Contemporary Voice

**Additional Comments:**

**Prerequisite**
**Type**
Prerequisite

BFA Acting Only

**Complete ALL of the following Courses:**
- TMA 222 - Voice Production and Phonetics 2

**Additional Comments:**

**Other Prerequisites**
BFA acting or BFA MDT major status. By audition only.

| Title | Learning Outcome |
| --- | --- |
| Musical Scene Study | Students will integrate during in-class performances skills in singing, dancing and acting. |

## MDT 290 - Music Theory for MDT Majors

### Course Information

**Teaching Area (new)**
MDT
**Course Number**
290
**Teaching Area**
MDT
**Course Title**
Music Theory for MDT Majors
**Course Description**
Music theory, sight singing, aural dictation, and keyboard harmony.
**Department**
Theatre & Media Arts
**When Taught**
Winter.

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## MDT 300 - Musical Theatre History

### Course Information

**Teaching Area (new)**
MDT
**Course Number**
300
**Teaching Area**
MDT
**Course Title**
Musical Theatre History
**Course Description**
Analysis of the form, evolution, and influence of music dance theatre in Western culture.
**Department**
Theatre & Media Arts
**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 113 - Beginning Piano Techniques 1

**Additional Comments:**

**Other Prerequisites**
Music dance theatre (MDT) major status. Placement exam

**Complete ALL of the following Courses:**

-

**Additional Comments:**

**Recommended**
Concurrent enrollment in MDT 300

| | |
|---|---|
| **Title**<br>Sight Reading | **Learning Outcome**<br>Students will confidently sight read any new piece of music placed in their hands. |
| **Title**<br>Piano Skills | **Learning Outcome**<br>Students will accompany themselves from the chord symbols in sheet music |
| **Title**<br>Accompanying Skills | **Learning Outcome**<br>Students will 'fill in" at the piano whenever the accompanist is absent. |
| **Title**<br>Accompaniment Styles | **Learning Outcome**<br>Students will create functional, pleasant accompaniments to their vocals using chord symbols. |
| **Title**<br>Self Confidence | **Learning Outcome**<br>Students will discover a new level of confidence based on increased competence. |
| **Title**<br>Class Discussion | **Learning Outcome**<br>Through class discussion students will examine BYU's core values and how they can be applied in future career paths. |

## MDT 328 - Performance Seminar

### Course Information

**Teaching Area (new)**
MDT

**Course Number**
328

**Teaching Area**
MDT

**Course Title**
Performance Seminar

**Course Description**
The integration and performance of information gathered from careful research and analysis of movement style, script and score.

**Department**
Theatre & Media Arts

**When Taught**
Fall.

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MDT 229 - Musical Scene Study
- MDT 290 - Music Theory for MDT Majors

**Enroll in the following Courses:**
- MUSIC 360R - Performance Instruction: Contemporary Voice

**Additional Comments:**

**Other Prerequisites**
BFA MDT major status

**Learning Outcome**
Students will integrate their analysis of the script, score and movement into in-class performances.

## MDT 361 - Choreographic Styles

### Course Information

**Teaching Area (new)**
MDT

**Course Number**
361

**Teaching Area**
MDT

**Course Title**
Choreographic Styles

**Course Description**
Physical and conceptual aspects of dance styles as they relate to music dance theatre.

**Department**
Theatre & Media Arts

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- DANCE 231R - Jazz Dance Technique 1
  **AND** DANCE 235R - Tap Dance Technique 1
  **AND** DANCE 291R - Ballet Technique 2

**Additional Comments:**

**Other Prerequisites**
Music Dance Theatre major status

## MDT 426 - BFA Senior Showcase

### Course Information

**Teaching Area (new)**
MDT
**Course Number**
426
**Teaching Area**
MDT
**Course Title**
BFA Senior Showcase
**Course Description**
Participation in a BFA performance group culminating in a showcase for agents and directors in New York City during April.
**Department**
Theatre & Media Arts
**When Taught**
Fall; Winter.

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
5

**Other Prerequisites**
MDT major status
Acting major status
Instructor Approval

## ME EN 101 - Static Systems in Mechanical Engineering

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
101
**Teaching Area**
ME EN
**Course Title**
Static Systems in Mechanical Engineering
**Course Description**
Analysis and design of static systems; real world problem solving; forces, moments, and vectors, equilibrium; external and internal forces; centroids and inertia; mechanical engineering fundamentals.
**Department**
Mechanical Engineering
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 112 - Calculus 1
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

**Additional Comments:**

**Title**
Free Body Diagrams
**Tags**
180755, 2
**Learning Outcome**
2. An ability to construct free-body diagrams and to calculate the reactions necessary to ensure static equilibrium for particles and rigid bodies.

| Title | Tags |
| --- | --- |
| Forces and Moments | 180756, 1 |

**Learning Outcome**
1. An understanding of forces and moments and an ability to perform mathematical manipulation of them using vector analysis.

| Title | Tags |
| --- | --- |
| Systems of Forces and Moments | 180757, 3 |

**Learning Outcome**
3. An understanding of the analysis of systems of forces and moments and distributed loads and an ability to determine internal forces and moments in members.

| Title | Tags |
| --- | --- |
| Calculating Centroids and Moments of Inertia | 180758, 5 |

**Learning Outcome**
5. An ability to calculate centroids and moments of inertia of 2-D and 3-D objects.

| Title | Tags |
| --- | --- |
| Friction | 180759, 6 |

**Learning Outcome**
6. An understanding of friction and how to model it in static systems.

| Title | Tags |
| --- | --- |
| Mechancial Engineering Career Development | 180761, 10 |

**Learning Outcome**
10. An understanding of Mechanical Engineering as a discipline and how statics principles relate to core ME EN topics and to becoming an influential engineer.

| Title | Tags |
| --- | --- |
| Computing | 180828, 4 |

**Learning Outcome**
4. An ability to apply basic computing techniques to explore solutions of elementary static

systems by changing variables and to produce publication quality figures.

| Title | Tags |
| --- | --- |
| Real World Applications | 180829, 8 |

**Learning Outcome**
8. An ability to describe the ME EN Real-world Problem Solving Process and to transform real world scenarios (using the 5 P's) into analyzable statics problems.

| Title | Tags |
| --- | --- |
| Communicating Analysis Results | 180830, 9 |

**Learning Outcome**
9. An ability to use a structured problem solving approach (SAFER) that effectively communicates the steps, results, and objectives of an engineering analysis to others.

| Title | Tags |
| --- | --- |
| Design Process | 180760, 0, 7 |

**Learning Outcome**
7. An understanding of the basic design process, including professional and ethical responsibilities, and an ability to apply that process to design, build, and test a static structure to meet competing constraints.

## ME EN 191 - New Student Seminar

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
191

**Teaching Area**
ME EN

**Course Title**
New Student Seminar

**Course Description**
Topics of special interest to new mechanical engineering majors.

**Department**
Mechanical Engineering

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

## ME EN 199R - Academic Internship: International Students

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
199R

**Teaching Area**
ME EN

**Course Title**
Academic Internship: International Students

**Course Description**
Credit is given for the documentation of work done during during an internship that is approved and provides practical experience in Mechanical Engineering.

**Department**
Mechanical Engineering

**When Taught**
Fall; Winter; Spring; Summer.

0.5

Fixed
0.5

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Note
Required of all first-semester freshman and transfer students.

| Title | Tags |
| --- | --- |
| Discipline of ME | 180831, 0 |

Learning Outcome
1. Students will be familiar with the discipline of mechanical engineering, including several sub-disciplines.

| Title | Tags |
| --- | --- |
| Outcomes | 180832, 1 |

Learning Outcome
2. Students will be familiar with the mechanical engineering program at BYU, including outcomes, advising opportunities, facilities and application process.

| Title | Tags |
| --- | --- |
| Career Opportunities | 180833, 2 |

Learning Outcome
3. Students will understand types of career opportunities in mechanical engineering and procedures for securing an internship.

| Title | Tags |
| --- | --- |
| Design Process | 180834, 3 |

Learning Outcome
4. Students will be introduced to the design process, including meeting customer needs from within the context of function, safety, aesthetics, manufacturability, etc.

### Credit Hours

Fixed
0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
0

Other Prerequisites
Consent of both department internship coordinator and international office advisor.
Note
An APPROVED Internship Application required before adding. Follow the Department Pre-registration Instructions prior to Internship Application.

| Title | Tags |
| --- | --- |
| Converting Thought into Understanding | 180556, 3 |

Learning Outcome
Student demonstrates the ability to use reflective thinking to convert professional experience into academic understanding.

| Title | Tags |
| --- | --- |
| Professional Communication | 180667, 2 |

Learning Outcome
Student demonstrates professional communication skills (report).

| Title | Tags |
| --- | --- |
| Professional Experiences | 180700, 1 |

Learning Outcome
Student acquires professional experiences in the discipline.

| Title | Tags |
| --- | --- |
| AIMS | 180835, 4 |

**Learning Outcome**
5. Students will appreciate the value of being independent learners, taking responsibility for their education,
and exemplifying the aims of a BYU education.

| Title | Tags |
| --- | --- |
| Technical Writing | 180836, 5 |

**Learning Outcome**
6. Students will be able to use the acronym IMRaD to describe the elements of technical writing.

## ME EN 204 - Engineering Mechanics - Dynamics

### Course Information

**Course Number**
204
**Teaching Area**
ME EN
**Course Title**
Engineering Mechanics - Dynamics
**Course Description**
Concepts of dynamics applied to particles, systems of particles, rigid bodies, vibration systems, and nonrigid particle systems.
**Department**
Mechanical Engineering
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

## ME EN 231 - Leadership in a Global Context

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 231 |

**Teaching Area**
ME EN
**Course Title**
Leadership in a Global Context
**Course Description**
Principles of individual and organizational leadership in a global context. Emphasis on developing self-awareness, interpersonal skills, high-performance teams, integrity, vision and strategy. Driving forces for globalization. Valuing and leveraging diversity.
**Department**
Mechanical Engineering
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- ME EN 101 - Static Systems in Mechanical Engineering

**Additional Comments:**

| Title | Tags |
|---|---|
| Kinematics | 214020, 0, 1, 2023-08-29 10:51:38 |

**Learning Outcome**
Understand the kinematics of particles and be able to perform rectilinear and curvilinear analysis of particle motion described in appropriate coordinate systems.

| Title | Tags |
|---|---|
| Laws of Motion | 214021, 0, 2, 2023-08-29 10:51:40 |

**Learning Outcome**
Understand Newton's Laws of Motion and be able to write and solve the equations of motion for particles and systems of particles in appropriate coordinate systems.

| Title | Tags |
|---|---|
| Work and Energy | 214022, 0, 3, 2023-08-29 10:51:41 |

**Learning Outcome**
Understand the principles of Work and Energy and Impulse and Momentum as they apply to particles and systems of particles and be able to solve problems appropriate thereto.

| Title | Tags |
|---|---|
| Motion of Rigid Bodies | 214023, 0, 4, 2023-08-29 10:51:43 |

**Learning Outcome**
Be able to determine the motion of rigid bodies in translation and rotation about a fixed axis and to understand the principles associate with general planar motion.

| Title | Tags |
|---|---|
| Problem Solving | 214024, 0, 5, 2023-08-29 10:51:45 |

**Learning Outcome**
Be able to apply the principles of Force and Acceleration, Work and Energy, and Impulse and Momentum to rigid bodies and

**Note**
Sophomore standing strongly encouraged.

| Title | Tags |
|---|---|
| Self-awareness | 209578, 0, 3 |

**Learning Outcome**
Understand and be able to describe the importance of self-awareness to effective leadership. Increase your level of self-awareness.

| Title | Tags |
|---|---|
| Personality Types | 209579, 0, 4 |

**Learning Outcome**
Understand and be able to use a model (e.g., MBTI) to describe personality type and/or preferences. Use this model to increase your effectiveness as a leader.

| Title | Tags |
|---|---|
| Interpersonal Skills | 209580, 0, 5 |

**Learning Outcome**
Define and effectively practice key interpersonal skills (e.g., effective communication, influencing others and managing conflict). Develop or refine at least one interpersonal skill.

| Title | Tags |
|---|---|
| Diversity | 209582, 0, 7 |

**Learning Outcome**
Value diversity and the different perspectives, experience, skills that individuals bring to a team. Be able to effectively utilize those differences to enhance team performance

| Title | Tags |
|---|---|
| Vision, Goals, Strategy, Plan | 209583, 0, 8 |

**Learning Outcome**
Develop skills needed to understand and establish a vision, establish goals, formulate a strategy and develop a plan consistent with a vision. Develop an ability to manage and prioritize your time effectively.

solve problems appropriate thereto.

| Title | Tags |
| --- | --- |
| Vibration | 214025, 0, 6, 2023-08-29 10:51:46 |

**Learning Outcome**
Understand the basic concepts of one-degree-of-freedom vibration and solve simple problems related to such motion.

| Title | Tags |
| --- | --- |
| Globalization | 209584, 0, 9 |

**Learning Outcome**
Understand and be able to describe globalization including its historical context, driving forces and influences. Demonstrate an understanding of a few global issues.

| Title | Tags |
| --- | --- |
| Cultural Influences | 209585, 0, 10 |

**Learning Outcome**
Appreciate, understand and demonstrate how cultural factors influence communication, teamwork and the practice of technical disciplines within a global context. Improve your multicultural skills through practice.

| Title | Tags |
| --- | --- |
| Social Science Research and Critical Analysis | 209586, 0, 11 |

**Learning Outcome**
Understand and develop experience with research methods used in an area of social science at an introductory level, including the collection, use, and evaluation of data, and the generalization of results as theories or models.

| Title | Tags |
| --- | --- |
| Leadership | 209576, 0, 1 |

**Learning Outcome**
Understand and describe what it means to be a leader. Cultivate your desire to become an effective leader by developing and documenting one or more leadership qualities.

| Title | Tags |
| --- | --- |
| Professional Responsibility and Integrity | 209577, 0, 2 |

**Learning Outcome**
Understand ethics, integrity, and professional responsibility and practice these in your personal and professional life. Describe and apply a procedure for effectively

effectively
implementing informed judgments which consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

| Title | Tags |
| --- | --- |
| Team Development | 209581, 0, 6 |

**Learning Outcome**
Understand and describe the principles and processes that lead to effective teams. Evaluate and improve your effectiveness by participating as a member of a class team on multiple assignments, activities, and/or class projects.

## ME EN 250 - Science of Engineering Materials

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 250 |

**Teaching Area**
ME EN
**Course Title**
Science of Engineering Materials
**Course Description**
Principles and properties of solid materials and their behavior as applied to engineering.
**Department**
Mechanical Engineering
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## ME EN 251 - Discovering the Field of Materials Science

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 251 |

**Teaching Area**
ME EN
**Course Title**
Discovering the Field of Materials Science
**Course Description**
New: Interdisciplinary interactions within the materials science discipline. Mapping the path through a materials science minor. Exposure to facilities and experiential learning opportunities on campus. Preparation for post-baccalaureate employment or education in materials science.
**Department**
Mechanical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

**Additional Comments:**

| Title | Tags |
|---|---|
| Functional Behaviors of Materials | 180510, 0 |

**Learning Outcome**
1. Describe the functional behaviors of the primary classes of materials (metals, ceramics, polymers, composites).

| Title | Tags |
|---|---|
| Lever Rule | 180514, 2 |

**Learning Outcome**
3. Apply the lever rule to binary phase diagrams.

| Title | Tags |
|---|---|
| Degradation Processes | 180542, 5 |

**Learning Outcome**
6. Describe common degradation and failure processes for each basic class of materials.

| Title | Tags |
|---|---|
| Diffusion, Nucleation and Growth | 180562, 4 |

**Learning Outcome**
5. Describe the kinetics of diffusion and the process of nucleation and growth as they affect transformation products.

| Title | Tags |
|---|---|
| Material Properties | 180598, 1 |

**Learning Outcome**
2. Predict material properties based on atomic structure and defects.

| Title | Tags |
|---|---|
| Stress-strain Diagram | 180698, 3 |

**Learning Outcome**

**Fixed**
0

**Recommended**
ME EN 250 or CH EN 378
**Note**
There are no pre-requisites needed for this course

4. Model the stress-strain diagram and describe the mechanisms for altering it for the various classes of materials.

| Title | Tags |
| --- | --- |
| Writing Communication | 180837, 7 |

**Learning Outcome**
8. Document materials data in publication-quality graphical and tabular forms, and discuss the meaning of the data.

| Title | Tags |
| --- | --- |
| Real World Problem Solving | 180838, 8 |

**Learning Outcome**
9. Develop engineering problem statements for real-world materials problems using the BYU ME Problem Solving Process.

| Title | Tags |
| --- | --- |
| Material Selection | 180734, 0, 6 |

**Learning Outcome**
7. Identify functional requirements for real world scenarios and select an appropriate material based on those requirements, as well as economic, environmental, and societal impacts.

## ME EN 272 - Engineering Graphics--Principles and Applications

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 272 |

**Teaching Area**
ME EN
**Course Title**
Engineering Graphics--Principles and Applications
**Course Description**
Comprehensive applications of CAD-based national (ANSI) and international (ISO) graphics standards, including coordinate and geometric dimensioning and tolerancing practices, manufacturing, and product verification procedures.
**Department**
Mechanical Engineering
**When Taught**
Fall, Winter, Spring

### Credit Hours

## ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 273 |

**Teaching Area**
ME EN
**Course Title**
Introduction to Scientific Computing and Computer-Aided Engineering
**Course Description**
Computer programming for engineers taught in context of solving physical systems using numerical methods. Student will program solutions using the C++ language, spreadsheets, symbolic solvers, etc.
**Department**
Mechanical Engineering
**When Taught**
Fall, Winter, Spring

Min
3

Fixed
3

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
2

Other Prerequisites
Me En professional program for Me En students; or non-Me En major in Engineering and Technology.

| Title | Tags |
| --- | --- |
| Collaboration | 180575, 7 |

Learning Outcome
7. Collaborate with teammates to learn how to apply CAD tools to the modeling projects.

| Title | Tags |
| --- | --- |
| Top-Down and Bottom-Up Design | 180614, 6 |

Learning Outcome
6. Understand the approaches and processes used in component and assembly modeling, i.e. top-down and bottom-up design.

| Title | Tags |
| --- | --- |
| Modeling Techniques | 180653, 1 |

Learning Outcome
1. Understand both surface and solid modeling techniques found in a modern commercial CAD package.

| Title | Tags |
| --- | --- |
| Engineering Drawings - Standard | 180762, 4 |

Learning Outcome
4. Create, read and understand engineering drawings composed of multiple views with standard dimensioning and tolerancing nomenclature.

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
3

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 113 - Calculus 2

**Additional Comments:**

Other Prerequisites
Math 302 or 314 or concurrent.

| Title | Tags |
| --- | --- |
| Linear Systems of Equations | 180588, 3 |

Learning Outcome
3. Solve linear systems of equations using Gauss elimination, LU decomposition and/or matrix inversion. Understand the concept of matrix condition number.

| Title | Tags |
| --- | --- |
| Modern Numerical Methods | 180708, 2 |

Learning Outcome
2. Find roots of equations using various modern numerical methods.

| Title | Tags |
| --- | --- |
| Basic Curve Fitting Algorithms | 180714, 4 |

Learning Outcome
4. Be able to implement basic curve fitting algorithms, including least-squares regression.

| Title | Tags |
| --- | --- |
| CAD Modeling - Average to Complex Components | 180763, 3 |

**Learning Outcome**
3. Design and create CAD models of average to complex mechanical components.

| Title | Tags |
| --- | --- |
| CAD Modeling - Basic Components | 180764, 2 |

**Learning Outcome**
2. Create a CAD model of basic machine components and assemblies.

| Title | Tags |
| --- | --- |
| Engineering Drawings - Geometric | 180765, 5 |

**Learning Outcome**
5. Create, read and understand engineering drawings that contain geometric dimensioning, tolerancing symbology and mating parts fit.

| Title | Tags |
| --- | --- |
| Product Design and Manufacturing Information | 180839, 8 |

**Learning Outcome**
8. Prepare a design package for a real-world device to be manufactured in Me En 382.

| Title | Tags |
| --- | --- |
| Role of Numerical Solutions | 180720, 1 |

**Learning Outcome**
1. Understand the role of numerical solutions in the engineering process of design and analysis. Understand how integers and real numbers are stored inside the computer. Understand the limitations associated with numerical solutions, including accuracy due to approximations and round-off error.

| Title | Tags |
| --- | --- |
| Methods for Approximating Derivatives | 180766, 5 |

**Learning Outcome**
5. Implement forward and central difference methods for approximating derivatives and the trapezoidal and Simpson's 1/3 rule for numerical integration; estimate round-off and truncation error.

| Title | Tags |
| --- | --- |
| Ordinary Differential Equations | 180767, 6 |

**Learning Outcome**
6. Solve simple ordinary differential equations (initial value and boundary value problems) using basic numerical techniques.

| Title | Tags |
| --- | --- |
| Fundamentals of Software Packages | 180768, 8 |

**Learning Outcome**
8. Use commercially available software packages, including Excel and MATLAB, to perform basic numerical tasks (calculate equations, graph data, perform curve-fitting, solve linear systems of equations, and manipulate matrices).

| Title | Tags |
| --- | --- |
| C++ Programming | 180840, 7 |

**Learning Outcome**
7. Using C++, write programs

7. Using C++, write programs which use control statements and looping constructs, employ 1D and 2D arrays, call functions, and read and write to data files. Understand classes and pointers at a basic level.

| Title | Tags |
| --- | --- |
| Real World Applications Solving: Explore | 180841, 9 |

**Learning Outcome**
9. Learn the BYU ME methodology for exploring the solution space of engineering problems.

| Title | Tags |
| --- | --- |
| Written Communication | 180842, 11 |

**Learning Outcome**
11. Effectively communicate the methods and results of scientific computing through extended abstracts or executive summaries.

| Title | Tags |
| --- | --- |
| Real-world Problem Solving: Communicate | 180843, 10 |

**Learning Outcome**
10. Be introduced to the importance of clear, concise, and convincing communication and apply these principles in technical reports.

## ME EN 275 - Computational Methods in Engineering

### Course Information

**Course Number**
275
**Teaching Area**
ME EN
**Course Title**
Computational Methods in Engineering
**Course Description**
Numerical methods and statistics for engineers, implemented using software and computer programming
**Department**
Mechanical Engineering
**When Taught**
Fall, Winter, Spring

## ME EN 291 - Job Finding Skills

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 291 |

**Teaching Area**
ME EN
**Course Title**
Job Finding Skills
**Course Description**
The purpose of this course is to help students find success in life by learning detailed effective strategies for job finding. The course will teach students efficient techniques to obtain professional employment and will provide information on career planning, interviewing, and professionalism expected in the workplace, including ethics, diversity, and communications.
**Department**
Mechanical Engineering
**When Taught**

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ANY of the following Courses:**
- MATH 113 - Calculus 2
  **AND** C S 110 - How to Program
- MATH 113 - Calculus 2
  **AND** C S 111 - Introduction to Computer Science

**Additional Comments:**

**Other Prerequisites**
Math 302 or Math 314 or concurrent

**Title**
Title: Fundamentals of Numerical Methods

**Tags**
214026, 0, 1, 2023-08-29 10:51:57

**Learning Outcome**
Students will apply fundamental principles of numerical methods (including round-off error, truncation error, and convergence) and a knowledge of methodological advantages and limitations to solve engineering problems.

**Title**
Numerical Methods – Approximating Integrals and Derivatives

**Tags**
214027, 0, 2, 2023-08-29 10:51:59

**Learning Outcome**
Students will apply numerical methods fundamentals to appropriately compute approximations of integrals and derivatives.

**Title**
Numerical Methods – Solving

**Tags**
214028, 0, 3, 2023-08-29

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major status required

Numerical Methods – Solving Equations

214028, 0, 3, 2023-08-29 10:52:00

**Learning Outcome**
Students will apply numerical methods fundamentals to solve non-linear equations and systems of linear equations.

**Title**
Numerical Methods – Approximating Solutions of Ordinary Differential Equations

**Tags**
214029, 0, 4, 2023-08-29 10:52:02

**Learning Outcome**
Students will apply numerical methods fundamentals to appropriately compute approximate solutions to ordinary differential equations.

**Title**
Fundamentals of Statistics

**Tags**
214030, 0, 5, 2023-08-29 10:52:03

**Learning Outcome**
Students will apply fundamental concepts of statistics (including randomness and uncertainty) and a knowledge of methodological advantages and limitations to solve engineering problems.

**Title**
Statistics – Descriptions of Data

**Tags**
214031, 0, 6, 2023-08-29 10:52:04

**Learning Outcome**
Students will apply statistical fundamentals to appropriately describe data distributions using measures of central tendency, spread, and data visualization techniques.

**Title**
Statistics – Estimating Data Patterns

**Tags**
214032, 0, 7, 2023-08-29 10:52:06

**Learning Outcome**
Students will apply statistical fundamentals and generalized linear regression to obtain and assess least-squares approximations to data sets.

**Title**
Statistics – Estimating Statistical Significance

**Tags**
214033, 0, 8, 2023-08-29 10:52:08

**Learning Outcome**

Learning Outcome
Students will apply statistical fundamentals to calculate confidence intervals, perform basic hypothesis testing (t-test, paired t-test, etc.), and correctly interpret p-values.

Title
Programming Languages

Tags
214034, 0, 9, 2023-08-29 10:52:09

Learning Outcome
Using Excel, MATLAB, and Python, students will perform numerical/statistical analyses using their own code as well as packages/libraries while demonstrating best practices in programming techniques.

Title
Real-World Problem Solving – Explore

Tags
214035, 0, 10, 2023-08-29 10:52:10

Learning Outcome
Students will learn the BYU ME methodology for exploring the solution space of engineering problems.

Title
Real-World Problem Solving – Communicate

Tags
214036, 0, 11, 2023-08-29 10:52:15

Learning Outcome
Students will be introduced to the importance of clear, concise, and convincing communication and apply these principles by writing effective technical memos.

## ME EN 312 - Fluid Mechanics

### Course Information

Teaching Area (new)
ME EN

Course Number
312

Teaching Area
ME EN

Course Title
Fluid Mechanics

Course Description
Physics and modeling of fluid flow; fluid statics, dimensional analysis, momentum, internal and external viscous flow, and fluid machinery.

Department
Mechanical Engineering

## ME EN 321 - Thermodynamics

### Course Information

Teaching Area (new)
ME EN

Course Number
321

Teaching Area
ME EN

Course Title
Thermodynamics

Course Description
Fundamentals of thermal energy and work; principle of state, conservation of mass, conservation of energy, increase of entropy principle; application to thermal and mechanical processes.

Department

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 303 - Mathematics for Engineering 2
  **AND** ME EN 321 - Thermodynamics
  **AND** ME EN 335 - Dynamic System Modeling and Analysis

Prerequisites

**Complete ALL of the following Courses:**
- MATH 334 - Ordinary Differential Equations
  **AND** ME EN 321 - Thermodynamics
  **AND** ME EN 335 - Dynamic System Modeling and Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Pressure in Fluids | 180459, 1 |

**Learning Outcome**
2. Understand the variation in pressure, and determine pressure at a point in a static gas or liquid. Be able to compute hydrostatic forces on fully and partially submerged surfaces, and be able to determine the location of the center of pressure.

| Title | Tags |
|---|---|
| Fluid Properties | 180537, 0 |

Mechanical Engineering
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics

**Additional Comments:**

| Title | Tags |
|---|---|
| Problem Solving | 180846, 0, 1, 2019-09-03 12:19:25 |

**Learning Outcome**
Each student can use structured techniques to develop engineering problem statements based on real-world applications and to solve engineering problems.

| Title | Tags |
|---|---|
| Writing | 180847, 0, 2, 2019-09-03 12:19:25 |

**Learning Outcome**
Each student can write a technical theory section, a results and discussion of results section and create a figure consistent with specified guidelines.

| Title | Tags |
|---|---|
| Thermodynamic Systems | 180848, 0, 3, 2019-09-03 12:19:25 |

Learning Outcome
1. Understand viscosity as a fluid property and be able to compute shear stress involving Newtonian fluids. Understand the different types of fluids and the phenomena of surface tension and cavitation.

| Title | Tags |
| --- | --- |
| Flowing Fluids | 180735, 2 |

Learning Outcome
3. Understand field variables and be able to evaluate the local, convective, and total acceleration in flowing fluids. Recognize Lagrangian and Eulerian frames of reference. Understand pressure distributions normal to, and parallel to, streamlines in flowing fluids. Be able to appropriately apply Bernoulli's principle to fluid dynamic situations and recognize the limitations of this principle.

| Title | Tags |
| --- | --- |
| Conservation of Mass | 180736, 3 |

Learning Outcome
4. Be able to derive the integral form of the conservation of mass principle from the Reynolds Transport Theorem and appropriately apply it to steady and unsteady flow situations with uniform or two-dimensional velocity distributions. Recognize and be able to utilize the differential form of conservation of mass.

| Title | Tags |
| --- | --- |
| Global Force/Momentum Balances | 180737, 5 |

Learning Outcome
5. Be able to derive the integral form of the linear momentum principle from the Reynolds Transport Theorem and apply global force/momentum balances for stationary and constant velocity frames of reference with uniform or two-dimensional velocity distributions. Recognize the Navier-Stokes equations and solve them for simplified viscous flows.

Learning Outcome
Each student can characterize the material comprising a thermodynamic system, use the state postulate to fix the state of a system and obtain thermodynamic properties using appropriate methods. Each student can use properties and boundary interactions to describe processes and can sketch processes on thermodynamic diagrams.

| Title | Tags |
| --- | --- |
| 1st Law Analysis | 180849, 0, 4, 2019-09-03 12:19:25 |

Learning Outcome
Each student can use conservation of mass and conservation of energy to model open and closed systems undergoing transient and steady processes.

| Title | Tags |
| --- | --- |
| 2nd Law Analysis | 180850, 0, 5, 2019-09-03 12:19:25 |

Learning Outcome
Each student can identify irreversibilities and determine whether a process may be approximated as reversible, internally reversible or externally reversible. Each student can use the entropy balance equation to model open and closed systems undergoing transient and steady processes.

| Title | Tags |
| --- | --- |
| Engineering Devices | 180851, 0, 6, 2019-09-03 12:19:25 |

Learning Outcome
Each student can describe the operation of engineering devices and the models typically used to represent these devices.

| Title | Tags |
| --- | --- |
| Cycles | 180852, 0, 7, 2019-09-03 12:19:25 |

Learning Outcome
Each student can list the devices and describe the processes executed in power and refrigeration cycles. Each student can build thermodynamic models to

| Title | Tags |
| --- | --- |
| Dimensional Analysis | 180738, 6 |

**Learning Outcome**
6. Be able to determine appropriate dimensionless variables for a given dynamical situation. Understand the usefulness in presenting experimental data using dimensional analysis. Predict prototype analysis based on similitude and understand the pitfalls of modeling.

| Title | Tags |
| --- | --- |
| Mechanical Energy Equation | 180739, 7 |

**Learning Outcome**
7. Understand the mechanical energy equation and be able to apply it to laminar and turbulent flow with minor and major losses through pipe networks.

| Title | Tags |
| --- | --- |
| Real World Problem Solving | 208077, 9 |

**Learning Outcome**
9. Be able to utilize the principles of fluid dynamics to analyze and solve real world flow phenomena. Be able to use structured techniques (e.g. The 5 Ps of problem definition) to develop an engineering problem statement based on real-world applications of fluid mechanics and apply structured problem solving techniques (e.g. SAFER) to solve fluids engineering problems. Be able to methodically explore the possible solution space (e.g. using ConVerSAnT) for fluids problems.

| Title | Tags |
| --- | --- |
| Velocity Distributions, Form Drag and Flow Separation | 208078, 8 |

**Learning Outcome**
8. Understand and predict velocity distributions and boundary layer growth for flat plate boundary layers with laminar or turbulent flow. Understand flow separation, be able to predict skin friction and

analyze and evaluate cycles and to draw conclusions regarding their performance.

| Title | Tags |
| --- | --- |
| Ethical and Professional Responsibility | 209299, 0, 9, 2019-09-03 12:19:25 |

**Learning Outcome**
Each student recognizes the role of thermodynamics in addressing economic and environmental concerns related to energy and can make informed judgements consistent with ethical and professional responsibilities

pressure drag for laminar and turbulent flows, and describe methods of drag reduction. Be able to determine Lift and explain how it is generated.

**Title**
Investigate Phenomena and Communicate Results

**Tags**
208079, 10

**Learning Outcome**
10. Be able to investigate elementary fluid dynamical phenomena experimentally, present experimental results graphically in terms of appropriate dimensionless variables, and effectively communicate results.

## ME EN 330 - Design of Mechatronic Systems

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
330

**Teaching Area**
ME EN

**Course Title**
Design of Mechatronic Systems

**Course Description**
Microcontroller-based mechatronic systems comprised of mechanical, electrical, and software subsystems. Electronics, printed circuit board design, microcontroller programming and interfacing, and mechanical prototyping.

**Department**
Mechanical Engineering

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## ME EN 335 - Dynamic System Modeling and Analysis

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
335

**Teaching Area**
ME EN

**Course Title**
Dynamic System Modeling and Analysis

**Course Description**
Formulating mathematical models for mechanical, electrical, fluid, and combined systems; numerical solution of motion equations; first- and second-order systems, frequency response, and transfer functions.

**Department**
Mechanical Engineering

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

Simple Requisites

**Prerequisites**
**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- EC EN 301 - Elements of Electrical Engineering.
  **AND** ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering

**Complete ALL of the following Courses:**
- EC EN 301 - Elements of Electrical Engineering.
  **AND** ME EN 275 - Computational Methods in Engineering

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Me En 335.

| Title | Tags |
|---|---|
| Microcontroller Architectures, Memory, and Peripherals | 180796, 0, 2 |

**Learning Outcome**
1. Students should have an understanding of microcontroller architectures, memory, and peripherals, including timers, counters, interrupts, and analog-to-digital converters.

| Title | Tags |
|---|---|
| Programming Microcontrollers | 180769, 0, 3 |

**Learning Outcome**
2. Students should be able to program microcontrollers using a high-level programming language and event-driven programming techniques.

| Title | Tags |
|---|---|
| Integrating Circuits and Sensors | 180770, 0, 4 |

**Learning Outcome**
3. Students should be able to interface digital and analog circuits and sensors with a microcontroller.

| Title | Tags |
|---|---|
| Analog-to-Digital and Digital-to-Analog | 180771, 0, 5 |

**Learning Outcome**
4. Students should understand

Simple Requisites

**Prerequisites**
**Type**
Completion Requirement

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 275 - Computational Methods in Engineering
  **AND** EC EN 301 - Elements of Electrical Engineering.
  **AND** ME EN 204 - Engineering Mechanics - Dynamics

**Additional Comments:**

**Other Prerequisites**
pre- or concurrent enrollment in MATH 303 OR MATH 334

| Title | Tags |
|---|---|
| Basic Fluid Systems | 180461, 2 |

**Learning Outcome**
3. Students should have a knowledge of fundamental systems concepts required to develop lumped element models for basic fluid systems, including inertance, capacitance, resistance, and pumps.

| Title | Tags |
|---|---|
| Electrical Systems | 180465, 1 |

**Learning Outcome**
2. Students should have a knowledge of fundamental systems concepts required to develop lumped element models for basic electrical systems, including inductance, capacitance, resistance, power sources and amplifiers.

| Title | Tags |
|---|---|
| Multi-domain Modeling | 180613, 3 |

**Learning Outcome**
4. Students should have a knowledge of fundamental concepts of multi-domain modeling of electromechanical and fluid/mechanical systems and be able to develop lumped element models of these mixed systems.

| Title | Tags |
|---|---|
| Mechanical Systems | 180629, 0 |

**Learning Outcome**
1. Students should have a knowledge of fundamental

analog-to-digital and digital-to-analog conversion and be able to program a microcontroller to read analog voltages.

Title
Serial and Parallel Communication Options

Tags
180772, 0, 6

Learning Outcome
5. Students should understand basic serial and parallel communication options for microcontrollers.

Title
Electromechanical Actuators

Tags
180773, 0, 7

Learning Outcome
6. Students should gain familiarity with various electromechanical actuators, including DC motors, stepper motors, solenoids, and servomotors. Students should understand the function and performance characteristics (torque/speed curves) of DC motors, and should be able to select a motor for a specific application.

Title
Driving Motors

Tags
180784, 0, 8

Learning Outcome
7. Students should be able to interface motors with a microcontroller and implement motor driver circuits.

Title
Pulse-Width Modulation

Tags
180774, 0, 9

Learning Outcome
8. Students should be able to implement pulse-width modulation as a method for controlling motors.

Title
Real World Design and Prototyping Tools

Tags
180775, 0, 10

Learning Outcome
9. Students should be able to use real-world design and prototyping tools, including printed circuit board design

systems concepts required to develop lumped element models for basic mechanical systems, including inertia, compliance, dissipation, and power sources, and obtain equations of motion for linear motion and fixed-axis rotation.

Title
Simulation Software

Tags
180741, 4

Learning Outcome
5. Students should know how to place equations of motion into state variable form, and to develop a simulation for basic non-linear and linear systems using MATLAB or some other simulation software.

Title
Transfer Functions and Poles

Tags
180742, 5

Learning Outcome
6. Students should know how to manipulate a system of linear differential equations to obtain transfer functions and poles (eigenvalues).

Title
Interpret Poles

Tags
180743, 6

Learning Outcome
7. Students should understand first and second-order systems and know how to interpret poles (eigenvalues) to define natural frequencies, damping ratios, time constants, and the natural response, step response, and impulse response of a system.

Title
Frequency Response

Tags
180744, 7

Learning Outcome
8. Students should understand the concept of frequency response. They should understand the relationship between transfer functions and frequency response, and should be able to obtain frequency response plots for their system models using MATLAB.

printed circuit board design software, breadboards, soldering, and mechanical prototyping tools.

| Title | Tags |
| --- | --- |
| Data Sheets | 180785, 0, 11 |

**Learning Outcome**
10. Students should be able to read data sheets and select electronic components to meet design requirements.

| Title | Tags |
| --- | --- |
| Design and Implement a Mechatronic System | 180776, 0, 12 |

**Learning Outcome**
11. Students should be able to design and implement a complete mechatronic system that integrates micro-controllers, electronic components, and mechanical components.

| Title | Tags |
| --- | --- |
| Real World Application | 180858, 0, 8 |

**Learning Outcome**
9. Students should use the BYU ME method to 1) transform a real-world dynamic system into an engineering problem and 2) develop and analyze a lumped-element model to solve the engineering problem.

| Title | Tags |
| --- | --- |
| Writing | 213174, 0, 9 |

**Learning Outcome**

10. Students should write an effective methods section for a technical report in the IMRaD format and use figures to clearly communicate results.

## ME EN 340 - Heat Transfer

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 340 |

**Teaching Area**
ME EN
**Course Title**
Heat Transfer
**Course Description**
Conservation principles; Fundamentals of conduction, convection and radiation; Problem solving
**Department**
Mechanical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## ME EN 351 - Fundamentals of Biomedical Engineering

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 351 |

**Teaching Area**
ME EN
**Course Title**
Fundamentals of Biomedical Engineering
**Course Description**
This course introduces the fundamental principles and topics of Biomedical Engineering, including Biomechanical Engineering, Biochemical Engineering, Bioinstrumentation, and Medical Imaging.
**Department**
Mechanical Engineering
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 321 - Thermodynamics

**Additional Comments:**

| Title | Tags |
|---|---|
| Conservation Principles | 180874, 0, 0 |

**Learning Outcome**
1. Each student can model heat transfer processes in idealized and practical systems by identifying relevant heat transfer modes and applying conservation of mass and energy.

| Title | Tags |
|---|---|
| Conduction | 180873, 0, 1 |

**Learning Outcome**
2. Each student can describe the physical mechanisms involved in conduction heat transfer and use Fourier's law to model the conduction heat rate. Each student can apply conservation principles to develop the heat diffusion equation, apply appropriate boundary conditions, solve the heat diffusion equation for simplified scenarios (e.g. lumped/1D/2D, steady/transient, with/without generation) using analytical and/or numerical methods and apply these solutions in appropriate modeling scenarios.

| Title | Tags |
|---|---|
| Convection | 180872, 0, 2 |

**Learning Outcome**
3. Each student can describe the physical phenomena associated with convection, use non-dimensional parameters and empirical correlations to predict local and global convective heat transfer coefficients for laminar or turbulent flows. Each student

3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** MATH 113 - Calculus 2
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** MATH 113 - Calculus 2
  **AND** PHSCS 106 - General Physics 2

**Additional Comments:**

**Other Prerequisites**
Freshman-level Understanding of Biology (for example: BIO 100, BIO 103, MMBIO 221, or PDBIO 120).

can apply Newton's law of cooling to calculate external or internal, forced or free convection heat transfer.

| Title | Tags |
| --- | --- |
| Radiation | 180871, 0, 3 |

**Learning Outcome**
4. Each student can describe the physical mechanisms involved in radiation heat transfer and apply appropriate relations to model intensity and radiative heat flux to/from a surface. Each student can determine total, hemispherical radiative properties of a surface from spectral, directional quantities and apply appropriate models to obtain the net radiative heat rate at a surface and radiative heat exchange between diffuse, gray surfaces forming an enclosure.

| Title | Tags |
| --- | --- |
| Problem Solving | 180870, 0, 4 |

**Learning Outcome**
5. Each student can identify heat transfer phenomena in real-world scenarios, use a structured method to define the scenario (e.g. 5 Ps of Problem Definition), apply conservation principles and fundamental laws with appropriate approximations to build a model that represents the scenario, solve the model using a systematic method (e.g., SAFER), and document their analysis/results using an organized structure (e.g., IMRaD) to convey conclusions and recommendations.

## ME EN 362 - Engineering Measurements

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 362 |

**Teaching Area**
ME EN
**Course Title**
Engineering Measurements
**Course Description**
Fundamental concepts of measurement systems, characteristics of sensor signals, data acquisition, sensors, uncertainty analysis.

## ME EN 372 - Mechanical System Design Fundamentals

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 372 |

**Teaching Area**
ME EN
**Course Title**
Mechanical System Design Fundamentals
**Course Description**
Static and dynamic stress and failure analysis for mechanical systems.

**Department**
Mechanical Engineering
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 330 - Design of Mechatronic Systems
  **AND** ME EN 335 - Dynamic System Modeling and Analysis

**Additional Comments:**

**Other Prerequisites**
Engl 316 or concurrent enrollment.

**Title**
Sensors and Data Acquisition for Real-World Problems

**Tags**
180777, 0, 1

**Learning Outcome**
1. Conduct experiments to study real-world problems using data acquisition systems and a variety of sensors (such as strain gages, thermocouples, pressure transducers, or optical sensors) and signal conditioning devices.

**Title**
Measurement Concepts and Calibration

**Tags**
180778, 0, 2

**Learning Outcome**
2. Define fundamental measurement concepts such as accuracy, precision, bias error, and random error; calculate static sensitivity and calibrate a

**Department**
Mechanical Engineering
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CCE 203 - Engineering Mechanics--Mechanics of Materials
  **AND** ME EN 250 - Science of Engineering Materials

**Additional Comments:**

**Recommended**
Me En 273

**Title**
Static and Fatigue Combined Loadings

**Tags**
180746, 0, 2, 2021-08-27 08:13:34

**Learning Outcome**

Students should be able to calculate stresses in and the life of machine components due to combined static and fatigue loads.

**Title**
Application of Static Failure Theories

**Tags**
180748, 0, 4, 2021-08-27 08:13:34

**Learning Outcome**
4. Students should be able to select appropriate static failure theories and be able to apply these theories to predict failure loads and safety factors for various materials and loading

measurement system.

| Title | Tags |
| --- | --- |
| Spectral Analysis | 180779, 0, 3 |

Learning Outcome
3. Interpret the frequency content of measured signals by applying basic spectral analysis concepts and principles.

| Title | Tags |
| --- | --- |
| Time and Frequency Response | 180780, 0, 4 |

Learning Outcome
4. Characterize the time and frequency responses of measurement systems.

| Title | Tags |
| --- | --- |
| Uncertainty Analysis | 180782, 0, 6 |

Learning Outcome
6. Perform a basic uncertainty analysis for a measurement system.

| Title | Tags |
| --- | --- |
| Documenting Experimental Results | 180859, 0, 7 |

Learning Outcome
7. Using, clear, concise, and convincing communication, write a full formal report, including a summary and conclusions section, to document experimental results from measured data and corresponding uncertainty analyses.

| Title | Tags |
| --- | --- |
| Aliasing, Sampling, and Signal Conditioning | 180781, 0, 5 |

Learning Outcome
5. Identify how and when aliasing occurs and learn to prevent aliasing by understanding and implementing basic principles of signal sampling and conditioning.

various materials and loading conditions

| Title | Tags |
| --- | --- |
| Stress Analysis | 180749, 0, 5, 2021-08-27 08:13:34 |

Learning Outcome
5. Students should be able to analyze the stresses in pressure vessels, press fits, bolts, and bolted joints.

| Title | Tags |
| --- | --- |
| Buckling Prediction | 180750, 0, 6, 2021-08-27 08:13:34 |

Learning Outcome
6. Students should be able to calculate buckling predictions for statically loaded compression members.

| Title | Tags |
| --- | --- |
| FEA Software | 180751, 0, 7, 2021-08-27 08:13:34 |

Learning Outcome
7. Students should be able to use commercial FEA software to create models of simple structures and machine components. They should be able to demonstrate decision making using FEA results for engineering applications.

| Title | Tags |
| --- | --- |
| Structured Problem Solving | 180752, 0, 8, 2021-08-27 08:13:34 |

Learning Outcome
8. Students should gain experience using the BYU ME structured problem-solving technique to solve real-world machine design engineering problems. They should develop skills to explore solutions to these problems.

| Title | Tags |
| --- | --- |
| Free Body and Shear/Moment Diagrams | 180745, 0, 1, 2021-08-27 08:13:34 |

Learning Outcome

Students should be able to draw free-body diagrams of machine components. They should be able to determine the applied loads and calculate the reaction forces

and moments. They should be able to draw shear-moment diagrams.

| Title | Tags |
| --- | --- |
| Real World Applications | 180675, 0, 10, 2021-08-27 08:13:34 |

**Learning Outcome**
9. Students should be able to apply machine design analysis concepts to real-world problems and document the analysis by writing introduction sections and creating well-designed figures and graphics. They should also gain experience writing technical reports.

| Title | Tags |
| --- | --- |
| Estimate Deflection | 180747, 0, 3, 2021-08-27 08:13:34 |

**Learning Outcome**
3. Estimate the deflection of structural members under combined loading.

## ME EN 382 - Manufacturing Processes

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 382 |

**Teaching Area**
ME EN
**Course Title**
Manufacturing Processes
**Course Description**
Common manufacturing processes, including technological limitations and economic considerations. Influence of product design on process selection and manufacturing efficiency.
**Department**
Mechanical Engineering
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## ME EN 412 - Applications of Fluid Dynamics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 412 |

**Teaching Area**
ME EN
**Course Title**
Applications of Fluid Dynamics
**Course Description**
Control volume analysis; introduction to CFD; boundary layers; lift and drag, airfoils; pumps, propellers, compressors, turbines; hydroelectric and wind power generation; real world applications.
**Department**
Mechanical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ME EN 250 - Science of Engineering Materials
  **AND** ME EN 272 - Engineering Graphics--Principles and Applications

**Additional Comments:**

| Title | Tags |
|---|---|
| Classification of Manufacturing Processes | 212726, 0, 1 |

**Learning Outcome**
1. Recognize and develop familiarity with a variety of manufacturing processes and how they are classified.

| Title | Tags |
|---|---|
| Selection of Manufacturing Processes | 180677, 0, 2 |

**Learning Outcome**
2. Select appropriate manufacturing processes based on their characteristics and capabilities for a given part design.

| Title | Tags |
|---|---|
| Design for Manufacturing | 180520, 0, 3 |

**Learning Outcome**
3. Make practical design recommendations to improve the manufacturability of component parts based on manufacturing process knowledge.

| Title | Tags |
|---|---|
| Process Physics | 212727, 0, 4 |

**Learning Outcome**
4. Justify your design and process selection decisions based on a qualitative understanding of the

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ME EN 312 - Fluid Mechanics

**Additional Comments:**

| Title | Tags |
|---|---|
| Governing Equations | 180786, 0 |

**Learning Outcome**
Understand and be able to apply conservation of mass, momentum, and energy in differential and integral form to fluid dynamics problems.

| Title | Tags |
|---|---|
| External Flow | 180787, 1 |

**Learning Outcome**
Be able to predict lift and drag for bodies in external flow fields using computational and empirical methods. Understand important viscous behavior like boundary layer growth, transition, separation, and wake development and their implications for performance and design.

| Title | Tags |
|---|---|
| Compressible Flow | 180788, 2 |

**Learning Outcome**
Be able to solve quasi-one-dimensional compressible flow problems including the effects of area change and Mach number. Understand the behavior of shocks and expansion fans

| Title | Tags |
|---|---|
| Turbomachines | 180789, 3 |

**Learning Outcome**

key physical phenomena of manufacturing processes.

| Title | Tags |
| --- | --- |
| Hands-On Experience | 212728, 0, 5 |

**Learning Outcome**
5. Perform various manufacturing processes with real process equipment to begin to develop good engineering judgment about the capabilities of various processes.

| Title | Tags |
| --- | --- |
| Team Prototype Fabrication | 180535, 0, 6 |

**Learning Outcome**
6. Work successfully in teams to redesign, build, and test a working prototype.

| Title | Tags |
| --- | --- |
| Writing & Presentation of Engineering Reports | 180460, 0, 7 |

**Learning Outcome**
7. Demonstrate the ability to write a professional quality report (including an Executive Summary) and deliver a professional oral presentation as a team.

| Title | Tags |
| --- | --- |
| Impact on Society | 180608, 0, 8 |

**Learning Outcome**
8. Demonstrate an understanding of the impact of manufacturing processes on society.

Be able to predict performance and understand fundamental design principles for various turbomachinery applications (e.g, jet engines, wind turbines, propellers, compressors).

| Title | Tags |
| --- | --- |
| Computational Fluid Dynamics | 180790, 4 |

**Learning Outcome**
Become familiar with the basic terminology and methods of CFD including equation discretization, mesh generation, boundary conditions, convergence behavior, and post-processing. Be able to use CFD software to simulate basic fluid flow applications.

## ME EN 415 - Flight Vehicle Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 415 |

**Teaching Area**
ME EN
**Course Title**
Flight Vehicle Design
**Course Description**
Fundamental principles for designing flight vehicles (e.g., airplanes and rockets) including introductions to aerodynamics, structures, stability, propulsion, and performance. A combination of theory

## ME EN 422 - Applied Thermodynamics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 422 |

**Teaching Area**
ME EN
**Course Title**
Applied Thermodynamics
**Course Description**
Applied engineering thermodynamics including air and steam power cycles, thermodynamic relations, and introduction to combustion and equilibrium chemical reactions

stability, propulsion, and performance. A combination of theory, computational methods, and a design project.

**Department**
Mechanical Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 312 - Fluid Mechanics

**Additional Comments:**

| Title | Tags |
|---|---|
| Propulsion System Design | 180471, 3 |

**Learning Outcome**
Designing an airplane propulsion system.

| Title | Tags |
|---|---|
| Stable and Controlled Flight Design | 180531, 2 |

**Learning Outcome**
Designing an airplane for stable and controlled flight.

| Title | Tags |
|---|---|
| Performance Requirement Design | 180534, 1 |

**Learning Outcome**
Designing an airplane with specific performance requirements.

equilibrium chemical reactions.

**Department**
Mechanical Engineering

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 321 - Thermodynamics

**Additional Comments:**

| Title | Tags |
|---|---|
| Problem Solving | 180797, 0 |

**Learning Outcome**
Each student can identify issues related to thermodynamics in real world problems, use basic concepts and fundamental laws to construct thermodynamic models, apply mathematical principles to solve these models, draw conclusions based on these solutions and formulate sound recommendations based on these conclusions.

| Title | Tags |
|---|---|
| Concepts and Laws of Thermodynamics | 180798, 1 |

**Learning Outcome**
Each student can select a system, identify the heat, work, exergy and mass flow interactions occurring between the system

requirements.

| Title | Tags |
| --- | --- |
| Aerodynamic Design | 180649, 0 |

**Learning Outcome**
Aerodynamic design of an airplane.

| Title | Tags |
| --- | --- |
| Structural Design | 180673, 4 |

**Learning Outcome**
Airplane structural design.

and its surroundings and build models of steady-flow devices and transient thermodynamic systems.

| Title | Tags |
| --- | --- |
| Thermodynamic Property Relationships | 180799, 2 |

**Learning Outcome**
Each student can describe the sensors and methods commonly used to measure temperature, pressure, specific volume and specific heats. Each student can use thermodynamic concepts and laws to develop relationships between observable thermodynamic properties and thermodynamic properties that cannot be directly measured.

| Title | Tags |
| --- | --- |
| Gas Power Cycles | 180800, 3 |

**Learning Outcome**
Each student can use the basic concepts and fundamental laws of thermodynamics to model the performance of various gas power cycles. Each student can evaluate the impact of modifications such as reheat, regeneration and intercooling on the efficiency and net power produced by a gas power cycle and draw conclusions regarding the implementation of these modifications.

| Title | Tags |
| --- | --- |
| Jet Propulsion Cycles | 180801, 4 |

**Learning Outcome**
Each student can use the basic concepts and fundamental laws of thermodynamics to analyze, evaluate and draw conclusions regarding the performance of jet propulsion cycles.

| Title | Tags |
| --- | --- |
| Vapor Power Cycles | 180802, 5 |

**Learning Outcome**
Each student can use the basic concepts and fundamental laws of thermodynamics to analyze, evaluate and draw conclusions regarding the performance of

Rankine cycles, geothermal power cycles, and combined cycles.

| Title | Tags |
| --- | --- |
| Refrigeration Cycles | 180803, 6 |

**Learning Outcome**
Each student can use the basic concepts and fundamental laws of thermodynamics to analyze, evaluate and draw conclusions regarding the performance of vapor-compression refrigeration cycles, absorption refrigeration cycles, multistage refrigeration cycles and cascade refrigeration cycles.

| Title | Tags |
| --- | --- |
| Alternative Energy Systems | 180804, 7 |

**Learning Outcome**
Each student can use the concepts and laws of thermodynamics to analyze and evaluate renewable energy systems and to draw conclusions regarding the performance of these systems.

| Title | Tags |
| --- | --- |
| Psychometrics | 180805, 8 |

**Learning Outcome**
Each student can calculate the properties of mixtures of air and water vapor to analyze, evaluate and draw conclusions regarding the performance of evaporative cooling systems, cooling towers, humidifiers and dehumidifiers.

## ME EN 423 - Global Perspectives on Energy and the Environment

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
423
**Teaching Area**
ME EN
**Course Title**
Global Perspectives on Energy and the Environment
**Course Description**
This course helps students appreciate the interconnection between energy and the environment and develops understanding of renewable energy technologies being deployed around the world. The course includes

## ME EN 425 - Internal Combustion Engines

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
425
**Teaching Area**
ME EN
**Course Title**
Internal Combustion Engines
**Course Description**
Fundamental operating characteristics of internal combustion engines, spark and compression ignition. Thermodynamic cycle analysis, performance and emissions characterization, and dynamometer testing on CFR and production engines.

energy technologies being deployed world-wide. The course includes course work at BYU, visits to energy sites in Utah, and travel and site visits in Europe. The travel study gives students experience with global renewable energy companies.

**Department**
Mechanical Engineering
**When Taught**
Spring Term

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 321 - Thermodynamics

**Additional Comments:**

**Department**
Mechanical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 321 - Thermodynamics

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Fundamentals of Combustion and Engine Performance | 180563, 3 |

**Learning Outcome**
Understand the fundamentals of combustion such as flame temperature, flame stoichiometry, and flame speed and how combustion is coupled to engine performance.

| Title | Tags |
| --- | --- |
| Performance Metrics | 180585, 1 |

**Learning Outcome**
The ability to calculate industrial standard internal combustion engine performance metrics.

| Title | Tags |
| --- | --- |
| Engine Parts and Functionality | 180596, 0 |

**Learning Outcome**

A knowledge of internal combustion engine parts and their functionality.

| Title | Tags |
| --- | --- |
| Pollutant Formation and Control | 180597, 4 |

**Learning Outcome**
Understand how the major pollutants of internal combustion engines are formed and controlled.

| Title | Tags |
| --- | --- |
| Engine Cycle and Thermodynamic Modeling | 180601, 2 |

**Learning Outcome**
An understanding of the internal combustion engine cycle and the ability to create and analyze a zero dimensional thermodynamic model.

## ME EN 426 - Gas Turbine and Jet Engine Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 426 |

**Teaching Area**
ME EN
**Course Title**
Gas Turbine and Jet Engine Design
**Course Description**
Design and synthesis of land-based and aircraft gas turbines utilizing fluid flow and thermodynamic fundamentals. Extensive discussion of turbojet, turbofan, and turboprop engines.
**Department**
Mechanical Engineering
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## ME EN 431 - (Me En-EC En 483) Design of Control Systems

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 431 |

**Teaching Area**
ME EN
**Course Title**
(Me En-EC En 483) Design of Control Systems
**Course Description**
Classical frequency response and time domain design of control systems. State variable control and computer simulation of control systems.
**Department**
Mechanical Engineering
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 312 - Fluid Mechanics
  **AND** ME EN 321 - Thermodynamics

**Additional Comments:**

| Title | Tags |
|---|---|
| Fluid Mechanic and Thermodynamic Principles | 180499, 0 |

**Learning Outcome**
Apply basic fluid mechanic and thermodynamic principles to understand how gas turbine engines operate.

| Title | Tags |
|---|---|
| Application of Principles | 180623, 4 |

**Learning Outcome**
Develop confidence in knowledge of gas turbine engine principles for application in academia or industry.

| Title | Tags |
|---|---|
| Cycle Performance | 180646, 1 |

**Learning Outcome**
Develop ability to analyze and predict the cycle performance of gas turbine engines.

| Title | Tags |
|---|---|
| Analyze and Predict Performance of Individual Components | 180647, 3 |

**Learning Outcome**
Learn how to analyze and predict the performance of individual gas turbine engine components

| Title | Tags |
|---|---|
| Components, Purpose and Performance | 180682, 2 |

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 335 - Dynamic System Modeling and Analysis

Prerequisites

**Complete ALL of the following Courses:**
- EC EN 380 - Signals and Systems

**Additional Comments:**

| Title | Tags |
|---|---|
| Final Value Theorem | 180541, 0 |

**Learning Outcome**
Ability to use the final value theorem to predict steady state behavior.

| Title | Tags |
|---|---|
| Using Equations and Functions | 180584, 1 |

**Learning Outcome**
Ability to model dynamic systems using differential equations, transfer functions, and state space equations.

| Title | Tags |
|---|---|
| State Space Techniques | 180637, 3 |

**Learning Outcome**
Ability to design feedback systems using state space techniques.

| Title | Tags |
|---|---|
| Using Software to Simulate Dynamics and Control | 180498, 0, 5 |

**Learning Outcome**
Ability to simulate dynamic systems and feedback controllers using modern programming languages.

**Learning Outcome**
Learn the components of gas turbine engines and their purpose. Understand how the performance of individual components contributes to the overall performance of the engine.

## ME EN 437 - Kinematics

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
437
**Teaching Area**
ME EN
**Course Title**
Kinematics
**Course Description**
Relative motion of links in mechanisms; velocities and accelerations of machine parts; rolling contact; cams; synthesis of mechanisms. Includes computer-aided engineering techniques.
**Department**
Mechanical Engineering
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CE 204 - Engineering Mechanics--Dynamics
  **AND** ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering

**Additional Comments:**

## ME EN 450 - Engineering Materials: Selection for Design

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
450
**Teaching Area**
ME EN
**Course Title**
Engineering Materials: Selection for Design
**Course Description**
Instruction emphasizes optimal materials selection techniques, practical materials-focused design, and an overview of commonly used engineering materials. These methods are applied in a practical design experience involving materials selection and manufacturing of a real product.
**Department**
Mechanical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 250 - Science of Engineering Materials

| Title | Tags |
| --- | --- |
| Position | 180482, 0 |

Learning Outcome
1. Determine the position of mechanisms.

| Title | Tags |
| --- | --- |
| Dynamics | 180519, 2 |

Learning Outcome
3. Calculate the dynamics of mechanisms.

| Title | Tags |
| --- | --- |
| Analyze | 180536, 4 |

Learning Outcome
5. Analyze the performance of non-linkage mechanisms such as cams and gears.

| Title | Tags |
| --- | --- |
| Velocity and Acceleration | 180544, 1 |

Learning Outcome
2. Analyze the velocity and acceleration of mechanisms.

| Title | Tags |
| --- | --- |
| Synthesize | 180665, 3 |

Learning Outcome
4. Synthesize mechanisms to perform specified tasks.

**Additional Comments:**

**Other Prerequisites**
ME EN 372 pre-req or concurrently

| Title | Tags |
| --- | --- |
| Real World Problems | 209322, 1 |

Learning Outcome
From a real-world problem, determine design requirements that incorporate relevant materials properties.

| Title | Tags |
| --- | --- |
| Materials Selection | 209323, 2 |

Learning Outcome
Learn and apply standard materials selections techniques to first identify classes of materials and then down select to specific materials that that meet material property requirements, keeping in mind the necessary processing and manufacturing techniques that will accompany the selected material.

| Title | Tags |
| --- | --- |
| Engineering Materials | 180878, 3 |

Learning Outcome
Compile a list of and become familiar with commonly used Engineering Materials and their applications, and understand basic structural and physical characteristics from which their properties are derived.

| Title | Tags |
| --- | --- |
| Capstone Materials Experience | 180879, 4 |

Learning Outcome
Combine knowledge in real world problems, materials selection, and engineering materials to design and manufacture an engineering product.

## ME EN 455 - Materials Science Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 455 |

## ME EN 456 - Composite Material Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 456 |

ME EN 455
Teaching Area
ME EN
Course Title
Materials Science Seminar
Course Description
Students will attend department or college seminars that pertain to the materials science discipline. This will expand their breadth and scope of materials science and help prepare them for graduate school or employment in materials science.\n
Department
Mechanical Engineering
When Taught
Fall and Winter

**Credit Hours**

Min
0.5

Fixed
0.5

**Lecture Hours**

Fixed
1

**Lab Hours**

Fixed
0

Simple Requisites

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- ME EN 250 - Science of Engineering Materials
  **OR** 378 - Science of Engineering Materials

**Additional Comments:**

ME EN 456
Teaching Area
ME EN
Course Title
Composite Material Design
Course Description
Macro- and micro-mechanical analysis and design of uni- and multidirectional composite materials.
Department
Mechanical Engineering
When Taught
Winter

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 250 - Science of Engineering Materials

**Additional Comments:**

| Title | Tags |
|---|---|
| Failure Theories | 180464, 4 |

Learning Outcome
Use failure theories for multiaxial loading to determine if a laminate composite will fail for known loading and use this knowledge to design failure resistant structures.

| Title | Tags |
|---|---|
| Macromechanics | 180593, 1 |

Learning Outcome
Develop an understanding of how a set of laminae with different orientations affect the

overall laminate properties and response (macromechanics).

| Title | Tags |
| --- | --- |
| Micromechanics | 180630, 0 |

**Learning Outcome**
Develop an understanding of the role of constituents in overall response of composite lamina (micromechanics).

| Title | Tags |
| --- | --- |
| Elastic and Strength Properties | 180683, 2 |

**Learning Outcome**
Analyze elastic and strength properties, and elastic response, of orthotropic and anisotropic materials having both continuous and discontinuous reinforcements.

| Title | Tags |
| --- | --- |
| Classical Lamination Theory | 180707, 3 |

**Learning Outcome**
Use Classical Lamination Theory to assess the role of ply orientation on overall axial, bending and twisting elastic deformation of laminates under applied loads.

## ME EN 461 - (Me En-Phscs) Introduction to Acoustics

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
461
**Teaching Area**
ME EN
**Course Title**
(Me En-Phscs) Introduction to Acoustics
**Course Description**
Mathematical descriptions of physical phenomena in generation, propagation, and reception of acoustic waves. Fundamental acoustical instrumentation and analysis techniques. Application of physical principles and mathematical models to realistic problems.\n \n
**Department**
Mechanical Engineering
**When Taught**
Winter

### Credit Hours

## ME EN 472 - Mechanical Systems Design Applications

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
472
**Teaching Area**
ME EN
**Course Title**
Mechanical Systems Design Applications
**Course Description**
Theory, analysis, and design of mechanical systems and components.
**Department**
Mechanical Engineering
**When Taught**
Winter

### Credit Hours

**Min**
3

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
PHSCS 318; PHSCS 318

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ME EN 372 - Mechanical System Design Fundamentals

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Mechanical Design and Documentation | 180571, 3 |

Learning Outcome
Students will gain experience in mechanical design, including creating documentation.

| Title | Tags |
| --- | --- |
| Basic Machine Components | 180600, 2 |

Learning Outcome
Students will develop an understanding of basic machine components.

| Title | Tags |
| --- | --- |
| Failure Prevention | 180617, 0 |

Learning Outcome
Students will gain an increased understanding of failure prevention.

| Title | Tags |
| --- | --- |
| Analysis Tools | 180642, 1 |

Learning Outcome
Students will gain an increased understanding of finite element analysis tools.

## ME EN 473 - Interdisciplinary Electro-Mechanical Innovation

### Course Information

**Course Number**
473
**Teaching Area**
ME EN
**Course Title**
Interdisciplinary Electro-Mechanical Innovation
**Course Description**
This course introduces and practices the fundamental concepts of interdisciplinary market-pull innovation and entrepreneurship in a mentored setting. Interdisciplinary student teams conceive of and develop an internet-connected physical product. The double diamond innovation model is used, with an emphasis on prototyping and testing.
**Department**
Mechanical Engineering
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Application required. Application is followed by portfolio submission and interview for subset of applicants.

**Recommended**
ME EN272, and 273, or 275.

**Title**
Generating and testing ideas

**Tags**
214038, 0, 1, 2023-08-29 10:52:53

**Learning Outcome**
Collaboratively design and test ideas for a new venture centered on electro-mechanical design, and limit the options to a single, implementable design.

**Title**
Applying the innovation process to create prototypes

**Tags**
214039, 0, 2, 2023-08-29 10:52:55

## ME EN 475 - Integrated Product and Process Design 1

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
475
**Teaching Area**
ME EN
**Course Title**
Integrated Product and Process Design 1
**Course Description**
Comprehensive two-semester design experience from conception to manufacturing planning and prototype. Product development process. Economic and manufacturing considerations. Intellectual property agreement required.
**Department**
Mechanical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 330 - Design of Mechatronic Systems
  **AND** ME EN 372 - Mechanical System Design Fundamentals
  **AND** ME EN 382 - Manufacturing Processes

Prerequisites

**Complete ALL of the following Courses:**
- MFGEN 331 - Metals Processes
  **AND** MFGEN 355 - Plastics Materials and Processing

Learning Outcome
Apply the innovation process to advance ideas from concepts to customer-validated electro-mechanical prototypes

Title
Working in an interdisciplinary team

Tags
214040, 0, 3, 2023-08-29 10:52:57

Learning Outcome
Demonstrate the ability to work effectively in an interdisciplinary team--working through the phases of both electro-mechanical product development, and interdisciplinary team development.

Title
Design Thinking

Tags
214041, 0, 4, 2023-08-29 10:52:58

Learning Outcome
Combine empathy for the context of a problem, creativity in devising electro-mechanical solutions to that problem, and rationality to analyze how well the created solutions solve the problem and fit the context.

Tags
214042, 0, 5, 2023-08-29 10:53:00

Title
Problem Solving

Learning Outcome
Become more independent with conceptualizing and actualizing solutions to various challenges facing the current industry.

Additional Comments:

Other Prerequisites
Senior standing (fewer than 30 hours remaining in the program) in mechanical engineering, manufacturing engineering, industrial design, or related disciplines with instructor's consent. For ME EN majors: ME EN 335; ME EN 312 or concurrent enrollment; ME EN 362 or concurrent enrollment

Note
ME EN 475 and 476 must be taken in consecutive fall and winter semesters. **Before you can register for ME EN 475/6 you will need to complete pre-registration information. Please see https://www.me.byu.edu/capstone for instructions.**

Title
Six Stages of Product Development

Tags
180753, 1

Learning Outcome
1. Understand the six stages of development through which designs evolve.

Title
Design Evolution

Tags
180793, 2

Learning Outcome
2. Understand how the requirements, tests, and design evolve through each stage of development.

Title
Design Desirability and Transferability

Tags
180794, 4

Learning Outcome
4. Understand how artifact checks, performance testing, and validation testing are used to ensure the desirability and transferability of the design at each stage of development.

Title
Skills in Product Development, Reporting and Presentation

Tags
180795, 5

Learning Outcome
5. Develop skills in project planning, idea generation, prototyping, developing engineering models, and conveying information both in writing and orally.

Title
Network of Design Activities

Tags
180886, 3

Learning Outcome
3. Understand how a design network is used to cause the product information to evolve, and how the map can be customized for specific development projects.

| Title | Tags |
| --- | --- |
| Organizational Policies | 180887, 6 |

Learning Outcome
6. Understand how to work within organizational policies to accomplish important goals.

| Title | Tags |
| --- | --- |
| Project Teamwork | 180888, 7 |

Learning Outcome
7. Demonstrate the ability to use effective team processes, communication, and conflict resolution skills to enhance team synergy, provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

| Title | Tags |
| --- | --- |
| Analysis and Communication | 180889, 8 |

Learning Outcome
8. As a part of a team, use a real-world problem solving process to develop, solve, and explore appropriate engineering models for your project, and effectively communicate the results of this analysis.

| Title | Tags |
| --- | --- |
| Engineering Design | 180754, 0, 9 |

Learning Outcome
9. Apply the understanding and skills from other outcomes while working with a project sponsor in a team setting to produce desirable and transferable product information through design, building, and testing, while considering public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

## ME EN 476 - Product Development 2 - Capstone

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
476

**Teaching Area**
ME EN

**Course Title**
Product Development 2 - Capstone

**Course Description**
Comprehensive two-semester design experience from conception to manufacturing planning and prototype. Product development process. Economic and manufacturing considerations. Intellectual property agreement required.

**Department**
Mechanical Engineering

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ME EN 312 - Fluid Mechanics
  **AND** ME EN 340 - Heat Transfer
  **AND** ME EN 362 - Engineering Measurements

Prerequisites

**Complete ALL of the following Courses:**

- MFGEN 340 - Quality Systems in Manufacturing
  **AND** MFGEN 401 - Data Analysis

## ME EN 479 - Singapore International Product Design and Development

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
479

**Teaching Area**
ME EN

**Course Title**
Singapore International Product Design and Development

**Course Description**
Fundamental concepts of international product development. Introduction to a structured design process. Experience working in international, multi-cultural engineering teams. Lectures, design projects, and industrial site visits in Singapore.

**Department**
Mechanical Engineering

**When Taught**
Spring Term

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Additional Comments:**

**Other Prerequisites**

Me En 475. Senior standing (fewer than 30 hours remaining in the program) in mechanical engineering, manufacturing engineering, industrial design, or related disciplines with instructor's consent.

**Note**

ME EN 475 and 476 must be taken in consecutive fall and winter semesters. **Before you can register for ME EN 475/6 you will need to complete pre-registration information. Please see https://www.me.byu.edu/capstone for instructions.**

| Title | Tags |
| --- | --- |
| Skills in Product Development Economics and Drawing Review | 180876, 1 |

**Learning Outcome**

1. Develop skills in product development economics and engineering drawing review and checking.

| Title | Tags |
| --- | --- |
| Crucial Design Skills | 180890, 2 |

**Learning Outcome**

2. Develop and demonstrate a deep understanding in some of the following crucial design skill areas: Planning, Discovering, Creating, Representing, Modeling, Prototyping, Experimenting, Evaluating, Deciding, Conveying.

| Title | Tags |
| --- | --- |
| Team Synergy | 180891, 5 |

**Learning Outcome**

3. Demonstrate the ability to use effective team processes, communication, and conflict resolution skills to enhance team synergy, provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

| Title | Tags |
| --- | --- |
| Analysis and Communication | 180892, 6 |

**Learning Outcome**

4. As a part of a team, use a real-world problem solving process to develop, solve, and explore appropriate engineering models for your project, and effectively communicate the results of this analysis.

| Title | Tags |
| --- | --- |
| Ethics and Professionalism | 208692, 8 |

**Learning Outcome**
6. Recognize ethical and professional responsibilities in engineering situations and make informed decisions, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

| Title | Tags |
| --- | --- |
| Project Deliverables | 180893, 7 |

**Learning Outcome**
5. Apply the understanding and skills from ME EN/EC EN 475 and the other outcomes from ME EN/EC EN 476 while working with a project sponsor in a team setting to produce desirable and transferable designs, while considering public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

## ME EN 482 - Manufacturing Systems Analysis and Design

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
482
**Teaching Area**
ME EN
**Course Title**
Manufacturing Systems Analysis and Design
**Course Description**
Analysis, synthesis, and control of processing and assembly operations; mathematical modeling of manufacturing processes; systems integration; applying conservation principles to processing and assembly operations.
**Department**
Mechanical Engineering
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## ME EN 494R - Global Engineering Outreach Projects

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
494R
**Teaching Area**
ME EN
**Course Title**
Global Engineering Outreach Projects
**Course Description**
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.
**Department**
Mechanical Engineering
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
MeEn 250, 282; or equivalents

| Title | Tags |
| --- | --- |
| Flexible Manufacturing Centers and Systems | 180550, 3 |

**Learning Outcome**
Students will understand the control processes used in Flexible Manufacturing Centers and Systems.

| Title | Tags |
| --- | --- |
| Part Processing Requirements | 180570, 1 |

**Learning Outcome**
Students will be able to estimate the force and power (energy/time) requirements to process conventional parts, using modern tools and machines.

| Title | Tags |
| --- | --- |
| Information Synthesis | 180648, 4 |

**Learning Outcome**
Students will be able to select and review technical paper(s) relating to a course subject area, digest relevant course information, and correlate the results with the mathematical models discussed in the course, also rendering good judgment as to whether the paper is useful to modern manufacturing methods.

| Title | Tags |
| --- | --- |
| Material Bahavior | 180650, 0 |

**Learning Outcome**
Students will apply fundamental mathematical models to understand and estimate material behavior in manufacturing processes.

| Title | Tags |
| --- | --- |
| Electronics Manufacturing | 180686, 2 |

**Learning Outcome**
Students will understand the importance of and tools used in electronics manufacturing.

## ME EN 495R - Mentored Learning for Undergraduate Coursework in Mechanical Engineering

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 495R |

**Teaching Area**
ME EN
**Course Title**
Mentored Learning for Undergraduate Coursework in Mechanical Engineering
**Course Description**
Selected topics in mechanical engineering.
**Department**
Mechanical Engineering
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
6

## ME EN 497R - Mentored Learning for Undergraduate Projects in Mechanical Engineering

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 497R |

**Teaching Area**
ME EN
**Course Title**
Mentored Learning for Undergraduate Projects in Mechanical Engineering
**Course Description**
Independent learning focused on an engineering project.
**Department**
Mechanical Engineering
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

| Title | Tags |
| --- | --- |
| Problem Solving | 180818, 1 |

**Learning Outcome**
By the end of this course students will become more independent with conceptualizing and actualizing solutions to various challenges facing the current industry.

## ME EN 500 - (MeEn-CEEn) Design and Materials Applications

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 500 |

**Teaching Area**
ME EN
**Course Title**

## ME EN 501 - (MeEn-CEEn) Stress Analysis and Design of Mechanical Structures

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 501 |

**Teaching Area**
ME EN
**Course Title**

(MeEn-CEEn) Design and Materials Applications

**Course Description**
Materials selection in design; effects of materials properties, structure and geometry on performance; process selection and property modification techniques; basics of material failure mechanism.

**Department**
Mechanical Engineering

**When Taught**
Contact Department

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Ce En 321 or Me En 372; Ce En 203; Me En 250; or equivalents.

**Recommended**
Me En 452

(MeEn-CEEn) Stress Analysis and Design of Mechanical Structures

**Course Description**
Stress analysis and deflection of structures; general bending and torsion, with computer applications to mechanical and aerospace structure design.

**Department**
Mechanical Engineering

**When Taught**
Winter

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 372 - Mechanical System Design Fundamentals

Prerequisites

**Complete ALL of the following Courses:**
- CE 321 - Structural Analysis

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Outcome 1 | 209469, 0, 1 |

**Learning Outcome**
1. Calculate stresses in machine components due to combined static and fatigue loads.

| Title | Tags |
| --- | --- |
| Outcome 2 | 209470, 0, 2 |

Learning Outcome
2. Compute shear centers and stresses in beams with non-symmetric cross sections.

| Title | Tags |
| --- | --- |
| Outcome 3 | 209471, 0, 3 |

Learning Outcome
Compute stresses in nonlinear materials and materials under plastic deformation.

| Title | Tags |
| --- | --- |
| Outcome 4 | 209472, 0, 4 |

Learning Outcome
Calculate torsional stress in noncircular cross sections, open sections, and multi compartment cross sections.

| Title | Tags |
| --- | --- |
| Outcome 5 | 209473, 0, 5 |

Learning Outcome
Calculate contact stresses using closed form expressions and FEA.

| Title | Tags |
| --- | --- |
| Outcome 6 | 209474, 0, 6 |

Learning Outcome
Use commercial FEA software to create models of structures and components. Demonstrate decision making using FEA results for engineering application.

| Title | Tags |
| --- | --- |
| Outcome 7 | 209475, 0, 7 |

Learning Outcome
Design and analyze beams on elastic foundations.

| Title | Tags |
| --- | --- |
| Outcome 8 | 209476, 0, 8 |

Learning Outcome
Apply stress and deflection analysis concepts to a real-world problem and document the analysis through well designed figures and graphic.

## ME EN 504 - (Me En-CE En) Computer Structural Analysis and Optimization

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
504

**Teaching Area**
ME EN

**Course Title**
(Me En-CE En) Computer Structural Analysis and Optimization

**Course Description**
Matrix stiffness method for 1D, 2D, and 3D skeletal structure classes. Implementing the matrix stiffness method as a computer program. Nonlinear second-order structural analysis. Structural optimization techniques including stress-ratio method, gradient-based methods, and genetic algorithms.

**Department**
Mechanical Engineering

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 302 - Mathematics for Engineering 1
  **AND** ME EN 372 - Mechanical System Design Fundamentals

Prerequisites

**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra
  **AND** ME EN 372 - Mechanical System Design Fundamentals

## ME EN 505 - Applied Engineering Math

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
505

**Teaching Area**
ME EN

**Course Title**
Applied Engineering Math

**Course Description**
Advanced engineering mathematics that builds a foundation for graduate mechanical engineering courses and research. Topics include tensor analysis, vector calculus, and solution methods for partial differential equations.

**Department**
Mechanical Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 303 - Mathematics for Engineering 2

Prerequisites

**Complete ALL of the following Courses:**
- MATH 334 - Ordinary Differential Equations

**Additional Comments:**

**Other Prerequisites**

Prerequisites

**Complete ALL of the following Courses:**

- CE 321 - Structural Analysis
  **AND** MATH 213 - Elementary Linear Algebra

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Execute Structural Software | 180456, 9 |

**Learning Outcome**
Prepare input for linear analysis, nonlinear pushover analysis, gradient-based size optimization, and genetic-based size/shape/topology optimization programs for plane frames.

| Title | Tags |
| --- | --- |
| Stress Ratio and Exhaustive Search | 180504, 6 |

**Learning Outcome**
Determine the number of FLOPS and perform the calculations for stress ratio optimization and exhaustive search, and construct design space plots if possible.

| Title | Tags |
| --- | --- |
| Matrix Vector Operations | 180524, 5 |

**Learning Outcome**
Determine the number of FLOPS and perform the calculations for matrix-vector operations including triangularization, backsubstitution, Newton-Raphson iteration, and inverse iteration.

| Title | Tags |
| --- | --- |
| Member Stiffness and Force | 180591, 0 |

**Learning Outcome**
Construct global and local member stiffness matrices and force vectors for any skeletal class and any distributed loading.

| Title | Tags |
| --- | --- |
| Structure Stiffness and Force | 180624, 1 |

**Learning Outcome**
Construct structure matrices and vectors for both force and support displacement loads

or equivalent

| Title | Tags |
| --- | --- |
| Superposition | 180458, 3 |

**Learning Outcome**
Applying the principle of superposition to PDE's with nonhomogeneities.

| Title | Tags |
| --- | --- |
| Cartesian and Cylindrical Coordinates | 180489, 4 |

**Learning Outcome**
Solution of PDE's in Cartesian and Cylindrical coordinates.

| Title | Tags |
| --- | --- |
| Notation | 180586, 0 |

**Learning Outcome**
Use of index or tensor notation in mathematical analysis of the equations that govern continuum mechanics.

| Title | Tags |
| --- | --- |
| Transforms and Series | 180644, 2 |

**Learning Outcome**
Applying Fourier transforms and series to the solution of PDE's and analysis of data.

| Title | Tags |
| --- | --- |
| Separation of Variables | 180664, 1 |

**Learning Outcome**
Employing separation of variables to the solution of classical (heat, Laplace, and wave equations) PDE's.

support displacement loads exploiting symmetry/antisymmetry and deformation assumptions.

| Title | Tags |
| --- | --- |
| Second Order Analysis | 180697, 4 |

**Learning Outcome**
Derive first/second order equilibrium/compatibility equations, buckling loads/displacements, and structure elastic/geometric stiffness matrices for small trusses and single-member frames.

| Title | Tags |
| --- | --- |
| Genetic Algorithms | 180704, 8 |

**Learning Outcome**
Determine the number of FLOPS and perform the calculations for genetic algorithms with penalty/segregation fitness, tournament/roulette selection, point/uniform/blend crossover, dynamic mutation, and ranking/scoring/maximin fitness.

| Title | Tags |
| --- | --- |
| Optimality Criteria Algorithms | 180706, 7 |

**Learning Outcome**
Determine the number of FLOPS and perform the calculations for finite difference / virtual work sensitivity analysis, Kuhn-Tucker condition evaluation, and optimality criteria algorithm.

| Title | Tags |
| --- | --- |
| Member Results | 180709, 2 |

**Learning Outcome**
Construct member displacement vectors and free-body diagrams for any skeletal class.

| Title | Tags |
| --- | --- |
| Analysis Program Organization | 180711, 3 |

**Learning Outcome**
Write down the basic organization and calling structure of a structural analysis program, and complete the

pseudo-code for structure level
routines.

## ME EN 507 - (Me En-CE En) Linear Finite Element Methods

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
507
**Teaching Area**
ME EN
**Course Title**
(Me En-CE En) Linear Finite Element Methods
**Course Description**
Linear static finite element analysis of elastic solids; problem formulation, finite element discretization, and equation solving; stability, interpolation theory, and error estimates. Introduction to underlying continuum mechanics principles. Isogeometric analysis as a generalization of classical finite element analysis; basic principles of analysis-suitable computational geometry. Introduction to the industrial practice of finite element modeling leveraging commercial packages. Topics include CAD preprocessing, an overview of the mesh generation process and simulation model setup, and how to effectively use appropriate solution strategies for a given problem. Application domains include strength and durability, vibrations, transient structural dynamics, and multi-physics problems.
**Department**
Mechanical Engineering
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

## ME EN 508 - (Me En-CE En) Structural Vibrations

### Course Information

**Teaching Area (new)**
ME EN
**Course Number**
508
**Teaching Area**
ME EN
**Course Title**
(Me En-CE En) Structural Vibrations
**Course Description**
Dynamic analysis of single degree-of-freedom, discrete multi-degree-of-freedom, and continuous systems. Applications include aerospace, civil structures, and mechanical components.
**Department**
Mechanical Engineering
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- ME EN 372 - Mechanical System Design Fundamentals

Prerequisites
**Complete ALL of the following Courses:**
- CE 321 - Structural Analysis

Prerequisites

**Complete ALL of the following Courses:**

- ME EN 372 - Mechanical System Design Fundamentals

Prerequisites

**Complete ALL of the following Courses:**

- CE 321 - Structural Analysis

**Additional Comments:**

**Additional Comments:**

**Other Prerequisites**

CE En 321 or Me En 372 or equivalent

| Title | Tags |
|---|---|
| Application | 180470, 2 |

**Learning Outcome**

Students will be able to apply the theory of structural vibrations to problems in civil or mechanical engineering.

| Title | Tags |
|---|---|
| SDOF Systems | 180561, 0 |

**Learning Outcome**

Students will be able to determine the response of single degree-of-freedom (SDOF) systems in free and forced vibration, with and without damping.

| Title | Tags |
|---|---|
| MDOF Systems | 180655, 1 |

**Learning Outcome**

Students will be able to determine the response of multi degree-of-freedom (MDOF) and continuous systems in free and forced vibration, with and without damping.

## ME EN 510 - Compressible Fluid Flow

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
510

**Teaching Area**
ME EN

**Course Title**
Compressible Fluid Flow

**Course Description**
One-dimensional analysis of compressible flow with area change, friction, heat transfer, shock waves, and combined effects, including experimental methods.

**Department**
Mechanical Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

## ME EN 512 - Intermediate Fluid Dynamics

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
512

**Teaching Area**
ME EN

**Course Title**
Intermediate Fluid Dynamics

**Course Description**
Fluid transport properties, review of integral analysis, Navier-Stokes equations, exact and similarity solutions, boundary layers, vorticity, jets and wakes.

**Department**
Mechanical Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1.5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 312 - Fluid Mechanics

**Additional Comments:**

**Other Prerequisites**
Me En 312 or equivalent

| Title | Tags |
|---|---|
| Characteristics of Various Flows | 180512, 2 |

**Learning Outcome**
Understand characteristics of isentropic flow, normal shock waves, oblique shock waves, Prandtl-Meyer flow, Fanno (friction) flow, Rayleigh (heat transfer) flow, and multidimensional flow.

| Title | Tags |
|---|---|
| Governing Equations and Basic Principles for Compressibility | 180609, 0 |

**Learning Outcome**
Understand how to start from governing equations and basic principles to solve problems where it is desired to account for compressibility.

| Title | Tags |
|---|---|
| Concepts for Solving and Analyzing Compressibility Problems | 180792, 1 |

**Learning Outcome**
Learn concepts needed to solve and analyze problems that account for compressibility in

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 312 - Fluid Mechanics

**Additional Comments:**

**Other Prerequisites**
or instructor's consent, Me En 505 previous or concurrent enrollment.

**Recommended**
Me En 505 or equivalent

| Title | Tags |
|---|---|
| Integral Methods | 180515, 0 |

**Learning Outcome**
Advanced ability to employ Integral Methods for modeling fluid flow phenomena.

| Title | Tags |
|---|---|
| Solutions and Methods for Analyzing | 180573, 2 |

**Learning Outcome**
Understand a range of solutions and methods to analyze the Navier-Stokes equations for both simplified and complex flow fields.

| Title | Tags |
|---|---|
| Modeling Specific Phenomena | 180687, 3 |

**Learning Outcome**
Be able to model specific fluid flow phenomena such as creeping flows, laminar boundary layers, shear layers, jets, and wakes.

account for compressibility in both internal and external flow applications.

| Title | Tags |
| --- | --- |
| Applications, Problem Solving, and Analyzation of Results | 180676, 0, 3 |

**Learning Outcome**
Discover applications where compressibility is important, how to solve problems, and analyze results. Communicate results through technical reports and presentations.

| Title | Tags |
| --- | --- |
| Navier-Stokes Equations | 180689, 1 |

**Learning Outcome**
Be able to derive the Navier-Stokes equations from an advanced understanding of fluid kinematics.

## ME EN 515 - Aerodynamics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 515 |

**Teaching Area**
ME EN
**Course Title**
Aerodynamics
**Course Description**
Predict aerodynamic forces and moments, like lift and drag, for 2D airfoils, 3D wings, and rotating blades across a range of Mach and Reynolds numbers. Utilize modern computational and aerodynamic methods.
**Department**
Mechanical Engineering
**When Taught**
Winter Even Years

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**

## ME EN 521 - Intermediate Thermodynamics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 521 |

**Teaching Area**
ME EN
**Course Title**
Intermediate Thermodynamics
**Course Description**
Review of first and second law analysis; exergy; equations of state and other thermodynamic relations; properties of mixtures and multiphase systems; chemical reactions and equilibrium.
**Department**
Mechanical Engineering
**When Taught**
Winter Even Years

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisite

Prerequisites

**Complete ANY of the following Courses:**

- ME EN 412 - Applications of Fluid Dynamics
  **OR** ME EN 510 - Compressible Fluid Flow
  **OR** ME EN 512 - Intermediate Fluid Dynamics

**Additional Comments:**

| Title | Tags |
|---|---|
| Flow Similarity | 209798, 0, 1 |

**Learning Outcome**
Effectively use non-dimensional force coefficients and parameters in aerodynamic modeling and prediction.

| Title | Tags |
|---|---|
| Incompressible Aerodynamics | 209799, 0, 2 |

**Learning Outcome**
Apply potential flow theory and thin-airfoil theory to estimate forces and moments of an airfoil.

| Title | Tags |
|---|---|
| Finite Wings | 209800, 0, 3 |

**Learning Outcome**
Compute lift-dependent drag and span efficiency of finite wings, and demonstrate an understanding of the relationships between wing design and its aerodynamic performance.

| Title | Tags |
|---|---|
| Viscous Aerodynamics | 209801, 0, 4 |

**Learning Outcome**
Apply integral momentum boundary layer equations and empirical methods for laminar and turbulent boundary layers to estimate transition, separation, drag, and stall.

| Title | Tags |
|---|---|
| Compressible Aerodynamics | 209802, 0, 5 |

**Learning Outcome**
Demonstrate an understanding of the physical processes causing wave drag and be able to estimate wave drag.

Prerequisites

**Complete ALL of the following Courses:**

- ME EN 321 - Thermodynamics

**Additional Comments:**

**Recommended**
Me En 422

| Title | Tags |
|---|---|
| First Law Analysis | 180679, 0, 0 |

**Learning Outcome**
1. Each student will use conservation of mass and conservation of energy to analyze systems undergoing steady and transient processes. Each student will draw conclusions and make recommendations based on result of their evaluations.

| Title | Tags |
|---|---|
| Second Law Analysis | 180528, 0, 1 |

**Learning Outcome**
2. Each student will understand the concept of entropy and its statistical definition. Each student will apply the entropy balance equation or the exergy balance equation to systems undergoing steady and transient processes. Each student will draw conclusions and make recommendations regarding the efficiency of these processes.

| Title | Tags |
|---|---|
| Thermodynamic Property Relationships | 180589, 0, 2 |

**Learning Outcome**
3. Each student will use the state postulate and equations of state to determine relationships between properties of systems in thermodynamic equilibrium. Each student will develop relationships between measurable thermodynamic properties (P,v,T,cp) and key thermodynamic properties that cannot be directly measured (u,h,s). Each student will apply these principles in the analysis of single phase systems and in the analysis of two-phase, two-component mixtures.

| Title | Tags |
| --- | --- |
| Propellers | 209803, 0, 6 |

**Learning Outcome**
Predict thrust, power required, and efficiency and demonstrate an understanding of the relationships between propeller design and its aerodynamic performance.

| Title | Tags |
| --- | --- |
| Computational Fluid Dynamics | 209804, 0, 7 |

**Learning Outcome**
Use CFD software to simulate basic aerodynamic applications.

| Title | Tags |
| --- | --- |
| Applications | 180474, 0, 3 |

**Learning Outcome**
4. Each student will use basic concepts and fundamental laws to analyze energy systems, power cycles and refrigeration cycles. Each student will draw conclusions regarding their performance and critically analyze possible ways to improve their performance.

## ME EN 522 - Combustion

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 522 |

**Teaching Area**
ME EN
**Course Title**
Combustion
**Course Description**
Introduction to first- and second-law ideal gas combustion systems along with elementary models of homogeneous and heterogeneous premixed and/or diffusion flames.
**Department**
Mechanical Engineering
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

## ME EN 523 - (Me En-CE En) Aircraft Structures

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 523 |

**Teaching Area**
ME EN
**Course Title**
(Me En-CE En) Aircraft Structures
**Course Description**
Requirements, objectives, loads, materials, and tools for design of airframe structures; static behavior of thin-wall structures; durability and damage tolerance; certification and testing. Airframe component team design project.
**Department**
Mechanical Engineering
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** ME EN 340 - Heat Transfer

Prerequisites

**Complete ALL of the following Courses:**
- CH EN 373 - Chemical Engineering Thermodynamics.
  **AND** CH EN 376 - Heat and Mass Transfer

**Additional Comments:**

| Title | Tags |
|---|---|
| Thermodynamic Evaluations | 180484, 0 |

**Learning Outcome**
Be able to perform thermodynamic evaluations of combustion processes including heat release, heat of formation, temperature, and equilibrium calculations.

| Title | Tags |
|---|---|
| Evaluation of Systems | 180574, 2 |

**Learning Outcome**
Evaluate simple combustion systems using conservation of mass, energy, and heat transfer.

| Title | Tags |
|---|---|
| Flame Types | 180592, 3 |

**Learning Outcome**
Understand the physical phenomena of various flame types and how they can be applied to commercially relevant systems.

| Title | Tags |
|---|---|
| Reaction Mechanisms | 180681, 1 |

**Learning Outcome**
Understand reaction mechanisms and apply calculations involving chemical kinetic reactions.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
  **AND** CE 321 - Structural Analysis

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 250 - Science of Engineering Materials
  **AND** ME EN 372 - Mechanical System Design Fundamentals

**Additional Comments:**

# ME EN 534 - Dynamics of Mechanical Systems

## Course Information

**Teaching Area (new)**
ME EN

**Course Number**
534

**Teaching Area**
ME EN

**Course Title**
Dynamics of Mechanical Systems

**Course Description**
Hamiltonian and Lagrangian dynamics, generalized coordinates, linear and angular momentum, Euler angles, rigid-body motions, and gyroscopic effects. Theory taught with applications integrated.

**Department**
Mechanical Engineering

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 335 - Dynamic System Modeling and Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Lagrangian Method | 180505, 2 |

**Learning Outcome**
Derive equations of motion of particles and rigid bodies using the method of Lagrange.

# ME EN 535 - Mechanical Vibrations

## Course Information

**Teaching Area (new)**
ME EN

**Course Number**
535

**Teaching Area**
ME EN

**Course Title**
Mechanical Vibrations

**Course Description**
Introduction to energy methods for system modeling, eigenvalues and mode shapes, frequency response, and spectral characterization of vibrations.

**Department**
Mechanical Engineering

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 335 - Dynamic System Modeling and Analysis

**Additional Comments:**

**Other Prerequisites**
or equivalent

| Title | Tags |
|---|---|
| Outcome 1: | 209455, 0, 1 |

**Learning Outcome**
Model and analyze free and forced single and multi-degree of freedom systems.

| Title | Tags |
| --- | --- |
| Newton's Laws | 180525, 1 |

**Learning Outcome**
Derive equations of motion of particles and systems of particles using Newton’s laws.

| Title | Tags |
| --- | --- |
| Newtonian-Eulerian Methods | 180622, 3 |

**Learning Outcome**
Derive equations of motion of rigid bodies using Newton-Euler methods.

| Title | Tags |
| --- | --- |
| Numerical Solutions | 180627, 4 |

**Learning Outcome**
Develop numerical solutions of equations of motion to simulate the motion of particles and rigid bodies.

| Title | Tags |
| --- | --- |
| Kinematics | 180657, 0 |

**Learning Outcome**
Describe two- and three-dimensional kinematics of particles and rigid bodies.

| Title | Tags |
| --- | --- |
| Outcome 2: | 209456, 0, 2 |

**Learning Outcome**
Apply vibration theory to the designs of structures, engineering systems, and devices.

| Title | Tags |
| --- | --- |
| Outcome 3: | 209457, 0, 3 |

**Learning Outcome**
Model and analyze free and forced continuous systems.

| Title | Tags |
| --- | --- |
| Outcome 4: | 209458, 0, 4 |

**Learning Outcome**
Perform normal mode analysis and use mode superposition methods.

| Title | Tags |
| --- | --- |
| Outcome 5: | 209459, 0, 5 |

**Learning Outcome**
Perform modal analysis and harmonic response analysis using FEA.

| Title | Tags |
| --- | --- |
| Outcome 6: | 209460, 0, 6 |

**Learning Outcome**
Apply multiple damping models and use multiple methods to measure damping in structures.

| Title | Tags |
| --- | --- |
| Outcome 7: | 209461, 0, 7 |

**Learning Outcome**
Apply vibration analysis concepts to a real-world problem and document the analysis through well designed figures and graphics.

## ME EN 537 - Robotics - Kinematics, Dynamics, and Control

### Course Information

## ME EN 538 - Compliant Mechanisms

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

## Course Information

**Teaching Area (new)**
ME EN

**Course Number**
537

**Teaching Area**
ME EN

**Course Title**
Robotics - Kinematics, Dynamics, and Control

**Course Description**
In this course, we cover forward and inverse kinematics for serial robot manipulators, converting joint velocities to end-effector velocity, Lagrangian and Newton-Euler treatment of robot dynamics, basic robot manipulator control techniques, and an introduction to open questions in research on serial robot manipulation.

**Department**
Mechanical Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 335 - Dynamic System Modeling and Analysis

**Additional Comments:**

**Recommended**
ME EN 431

| Title | Tags |
|---|---|
| SO(3) and SE(3) spaces | 180814, 0, 1 |

**Learning Outcome**
Students will be able to define the orientation of rigid body using the rotation group SO(3). They will also be able to describe rigid body translation and rotation using homogeneous transformation matrices and the Euclidean group SE(3).

**ME EN** **538**

**Teaching Area**
ME EN

**Course Title**
Compliant Mechanisms

**Course Description**
Design and analysis of compliant mechanisms and compliant structures. Large-deflection analysis/force displacement relationships; mechanisms synthesis.

**Department**
Mechanical Engineering

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 372 - Mechanical System Design Fundamentals

**Additional Comments:**

**Other Prerequisites**
Me En 475 or concurrent enrollment; or instructor's consent

| Title | Tags |
|---|---|
| Failure | 180453, 2 |

**Learning Outcome**
Analyze, predict and prevent failure of compliant mechanisms.

| Title | Tags |
|---|---|
| Task-Specific Design | 180486, 4 |

**Learning Outcome**
Design compliant mechanisms for specified tasks.

| Title | Tags |
| --- | --- |
| Serial Linkage Kinematics | 180815, 0, 2 |

**Learning Outcome**
Students will be able to compute forward and inverse kinematic solutions for serial robot arms.

| Title | Tags |
| --- | --- |
| Serial Linkage Dynamics | 180813, 0, 3 |

**Learning Outcome**
Students will be able to derive the dynamic equations for a rigid serial manipulator using recursive Newton-Euler and Euler-Lagrange methods. Students will be able to apply these equations for numerical simulation and common control methods.

| Title | Tags |
| --- | --- |
| Joint Space vs. Cartesian Space | 180816, 0, 4 |

**Learning Outcome**
Students will understand the difference between joint space and Cartesian space and be able to use appropriate mathematical methods to move from one space to the other for both kinematics and dynamics.

| Title | Tags |
| --- | --- |
| Robot Control | 180812, 0, 5 |

**Learning Outcome**
Students will be able to implement and simulate performance for fundamental feedback control methods for serial robot arms.

| Title | Tags |
| --- | --- |
| Applications, Terminology, and Open Questions in Robotics | 180817, 0, 6 |

**Learning Outcome**
Students will learn about common robot applications and terminology, and then apply what they learn to solve an open question in the field or implement a demonstration for a final course project.

| Title | Tags |
| --- | --- |
| Fundamentals of Compliant Mechanisms | 180513, 0 |

**Learning Outcome**
Understand the fundamentals of compliant mechanisms, including flexibility vs. strength and displacement loads vs. force loads.

| Title | Tags |
| --- | --- |
| Force-Displacement Relationships | 180615, 3 |

**Learning Outcome**
Analyze the force-displacement relationships for compliant mechanisms.

| Title | Tags |
| --- | --- |
| Nonlinear Deflections | 180694, 1 |

**Learning Outcome**
Analyze the large, nonlinear deflections of flexible members.

## ME EN 540 - Intermediate Heat and Mass Transfer

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
540

**Teaching Area**
ME EN

**Course Title**
Intermediate Heat and Mass Transfer

**Course Description**
Analytical approaches to conduction, convection, and radiation heat transfer. Introduction to mass transfer.

**Department**
Mechanical Engineering

**When Taught**
Winter Odd Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 340 - Heat Transfer

**Additional Comments:**

**Other Prerequisites**
or equivalent; concurrent enrollment in Me En 505.

| Title | Tags |
|---|---|
| Conduction Heat Transfer | 212585, 0, 9 |

**Learning Outcome**
Each student can develop engineering models of multi-dimensional steady and multi-dimensional transient

## ME EN 541 - Computational Fluid Dynamics and Heat Transfer

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
541

**Teaching Area**
ME EN

**Course Title**
Computational Fluid Dynamics and Heat Transfer

**Course Description**
Fluid dynamics and heat transfer analysis by numerical methods. Theory and implementation of finite difference and finite volume methods.

**Department**
Mechanical Engineering

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 312 - Fluid Mechanics
  **AND** ME EN 340 - Heat Transfer

**Additional Comments:**

**Other Prerequisites**
or instructor's consent

| Title | Tags |
|---|---|
| Pressure-Velocity Coupling | 180468, 3 |

**Learning Outcome**
Understand concepts of control volume methods for pressure-

conduction heat transfer scenarios and solve them analytically and numerically.

| Title | Tags |
| --- | --- |
| Convection Heat Transfer | 212586, 0, 10 |

**Learning Outcome**
Each student can develop engineering models of convection heat transfer scenarios using analytical approaches based on boundary layer theory for internal and external flows. Each student can apply empirical Nusselt number correlations when analytical solutions are not possible.

| Title | Tags |
| --- | --- |
| Radiation Heat Transfer | 212587, 0, 11 |

**Learning Outcome**
Each student can develop engineering models of radiation heat flux for real surfaces from intensity and radiation surface exchange for gray and spectrally selective surfaces.

| Title | Tags |
| --- | --- |
| Mass Transfer | 212588, 0, 12 |

**Learning Outcome**
Each student can develop engineering models of mass transfer by analogy with heat transfer.

| Title | Tags |
| --- | --- |
| Advanced Solution Methodology | 212589, 0, 13 |

**Learning Outcome**
Each student can implement advanced engineering mathematical methods to develop models of and obtain solutions to conduction, convection and radiation heat transfer problems and to mass transfer problems.

## ME EN 550 - (Me En-EC En) Microelectromechanical Systems (MEMS).

velocity coupling.

| Title | Tags |
| --- | --- |
| Verification and Validation Practices | 180480, 1 |

**Learning Outcome**
Apply computational verification and validation practices for fluid flow and heat transfer codes.

| Title | Tags |
| --- | --- |
| Turbulence Closure Problem | 180538, 5 |

**Learning Outcome**
Understand the basic concept of the turbulence closure problem and how it leads to turbulence models.

| Title | Tags |
| --- | --- |
| Numerical Analysis | 180638, 0 |

**Learning Outcome**
Understand the fundamental concepts and techniques used in the numerical analysis of fluid flow and heat transfer.

| Title | Tags |
| --- | --- |
| Finite Difference and Control Volume Methods | 180656, 2 |

**Learning Outcome**
Solve 1D diffusion and convection-diffusion fluid flow and heat transfer problems using finite difference and control volume methods.

| Title | Tags |
| --- | --- |
| Commercial Codes | 180717, 4 |

**Learning Outcome**
Have a necessary foundation for setting up and analyzing fluid flow and heat transfer problems using commercial codes.

## ME EN 552 - Neuromechanics of Movement

### Course Information

## Course Information

**Teaching Area (new)**
ME EN

**Course Number**
550

**Teaching Area**
ME EN

**Course Title**
(Me En-EC En) Microelectromechanical Systems (MEMS).

**Course Description**
Design, fabrication, and applications of MEMS. Mechanical properties governing their design and reliability and the processing technologies used to fabricate them.

**Department**
Mechanical Engineering

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- EC EN 450 - Introduction to Semiconductor Devices

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 372 - Mechanical System Design Fundamentals

**Additional Comments:**

**Other Prerequisites**
or equivalent.

| Title | Tags |
|---|---|
| Tools and Processes | 180462, 1 |

**Learning Outcome**
2. Be familiar with the tools and

## Course Information

**Teaching Area (new)**
ME EN

**Course Number**
552

**Teaching Area**
ME EN

**Course Title**
Neuromechanics of Movement

**Course Description**
Biomechanics and neural control of human movement. Principles of mechanical engineering (system dynamics, control) and physiology (motor neuroscience, musculoskeletal biomechanics) are combined to model and simulate how humans plan, control, learn, and adapt their movements.

**Department**
Mechanical Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 335 - Dynamic System Modeling and Analysis

**Additional Comments:**

**Other Prerequisites**
or instructor's consent

| Title | Tags |
|---|---|
| Simulate Human Movement | 209449, 0, 3 |

**Learning Outcome**
3. Use programming and numerical methods to simulate human movement.

| Title | Tags |
|---|---|
| Nervous and Musculoskeletal Systems Interaction | 209447, 0, 1 |

processes used in micromaching of microelectromechanical systems (MEMS).

| Title | Tags |
| --- | --- |
| Analyze and Design | 180557, 2 |

**Learning Outcome**
3. Use principles of physics to analyze and design MEMS, including sensors and actuators.

| Title | Tags |
| --- | --- |
| Mechanical Performance | 180718, 0 |

**Learning Outcome**
1. Use mechanics principles to analyze the mechanical performance of microsystems.

**Learning Outcome**
1. Understand how the nervous and musculoskeletal systems interact during movement.

| Title | Tags |
| --- | --- |
| Apply Basic Principles to Model Human Movement | 209448, 0, 2 |

**Learning Outcome**
2. Apply basic principles of system dynamics, robotics, and control to model human movement.

| Title | Tags |
| --- | --- |
| Motor Learning and Planning | 209450, 0, 4 |

**Learning Outcome**
4. Understand, model, and/or simulate motor learning and planning.

| Title | Tags |
| --- | --- |
| Motor Control | 209451, 0, 5 |

**Learning Outcome**
5. Learn, create, and share a hands-on project related to motor control.

## ME EN 553 - Mechanical Behavior of Materials

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 553 |

**Teaching Area**
ME EN
**Course Title**
Mechanical Behavior of Materials
**Course Description**
Engineering methods for modeling deformation, fracture and fatigue of materials, including metals, polymers, composites and ceramics. Deformation modes include elastic, plastic, viscoelastic and creep.
**Department**
Mechanical Engineering
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**

## ME EN 554 - Kinetics of Materials

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 554 |

**Teaching Area**
ME EN
**Course Title**
Kinetics of Materials
**Course Description**
A unified treatment of kinetic processes in materials,including transport, chemical reactions, phase transformations, and microstructure evolution. Emphasis is placed on crystalline materials, but application to glasses, polymers and other material systems are discussed throughout. Specific topics include: kinetic theory of gases,rate theory, reaction kinetics, irreversible thermodynamics,diffusion in a broad spectrum of material classes (both atomistic mechanisms and phenomenological/continuum level models), influence of defects of diffusion, evolution of surfaces, phase transformations (solidification, nucleation and growth, spinodal decomposition), coarsening, grain growth, and morphological instabilities. \n
**Department**
Mechanical Engineering
**When Taught**

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- **AND** ME EN 250 - Science of Engineering Materials

Additional Comments:

| Title | Tags |
|---|---|
| Crystal Structure and Material Defects | 214044, 0, 1, 2023-08-29 10:53:54 |

Learning Outcome
Identify and describe the influence of crystal structure and material defects on tensile and fracture properties.

| Title | Tags |
|---|---|
| Stress Concentration | 214045, 0, 2, 2023-08-29 10:53:57 |

Learning Outcome
Describe the effects of a stress concentration as well as its influence on the fracture and fatigue life of a structural member.

| Title | Tags |
|---|---|
| Griffith Crack Criteria | 214046, 0, 3, 2023-08-29 10:53:59 |

Learning Outcome
Describe the principles of the Griffith Crack Criteria and its application to brittle materials, and its extension to ductile materials.

| Title | Tags |
|---|---|
| | 214047, 0, 4, 2023-08-29 |

Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** ME EN 250 - Science of Engineering Materials

Additional Comments:

Other Prerequisites
Or Instructor Consent

| Title | Tags |
|---|---|
| 1. Irreversible Thermodynamics | 209485, 0, 1 |

Learning Outcome
Use the coupling between generalized forces (gradients of intensive thermodynamic variables) and generalized fluxes (of extensive thermodynamic variables) to predict the response of materials to changing conditions.

| Title | Tags |
|---|---|
| 2. Rate Theory & Activated Processes | 209486, 0, 2 |

Learning Outcome
Apply the principles of rate theory (rate constants, equilibrium constants, etc.) and activated processes (energy barriers, etc.) to model various kinetic phenomena.

Failure Design Philosophy 10:54:09

**Learning Outcome**
Describe the Failure Design Philosophy and apply it to materials selection in an engineering application.

**Title** Member Life Prediction
**Tags** 214048, 0, 5, 2023-08-29 10:54:10

**Learning Outcome**
Predict the life of a structural member of known material properties given the loading conditions and a known flaw size.

**Title** Impact of Microstructure Features
**Tags** 214049, 0, 6, 2023-08-29 10:54:12

**Learning Outcome**
Describe the impact of various microstructure features on tensile, fracture and fatigue properties.

**Title** Class Selection
**Tags** 214050, 0, 7, 2023-08-29 10:54:13

**Learning Outcome**
Select an appropriate material class given functional requirements, fatigue and fracture.

**Title** 3. Diffusion
**Tags** 209487, 0, 3

**Learning Outcome**
Describe diffusion mechanisms in various classes of materials and use appropriate models to make predictions.

**Title** 4. Discontinuous Phase Transformations
**Tags** 209488, 0, 4

**Learning Outcome**
Understand the mechanisms of discontinuous phase transformations (solidification, nucleation and growth, etc.), the characteristics of resulting microstructures, and be able to apply existing models for these kinetic phenomena.

**Title** 5. Continuous Phase Transformation
**Tags** 209489, 0, 5

**Learning Outcome**
Understand the mechanisms of continous phase transformation (spinodal decomposition, ordering, etc.), the characteristics of resulting microstructures, and be able to apply existing models for these kinetic phenomena.

**Title** 6. Shape Evolution
**Tags** 209490, 0, 6

**Learning Outcome**
Predict how the macroscopic shape and microstructure of materials will evolve under various conditions based on principles of driving forces and mechanisms of shape evolution (coarsening, grain growth, sintering, morphological instabilities, etc.).

**Title** 7. Micro-to Macro-
**Tags** 209491, 0, 7

**Learning Outcome**
Predict macroscopic (e.g. thermodynamics) behavior from models of atomic and/or microscopic phenomena and

mechanisms.

## ME EN 555 - Introduction to Biomechanical Engineering

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
555

**Teaching Area**
ME EN

**Course Title**
Introduction to Biomechanical Engineering

**Course Description**
Mechanics of biological systems. A continuum mechanics-based approach to the structure, function, mechanical response, and active remodeling of hard and soft tissues of the body.

**Department**
Mechanical Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0.25

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 372 - Mechanical System Design Fundamentals

**Additional Comments:**

**Other Prerequisites**
or equivalent.

**Recommended**
Me En-CE En 506

| Title | Tags |
|---|---|
| Physiologic Systems | 180472, 4 |

**Learning Outcome**
Utilize mechanical engineering

## ME EN 556 - Materials Modeling: Methods in Atomistic, Mesoscale, and Continuum Simulations

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
556

**Teaching Area**
ME EN

**Course Title**
Materials Modeling: Methods in Atomistic, Mesoscale, and Continuum Simulations

**Course Description**
Theory and application of various computer simulations to model, understand, and predict the properties of real materials. Specific topics include: first-principles atomistic models, empirical potential atomistic models, mesoscale models, and continuum finite element analysis.

**Department**
Mechanical Engineering

**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2.5

### Lab Hours

**Fixed**
0.5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 250 - Science of Engineering Materials
  **AND** ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering

**Additional Comments:**

**Recommended**
CHEM 467

Utilize mechanical engineering principles to evaluate the mechanics of physiologic systems in the human body.

| Title | Tags |
| --- | --- |
| Hard and Soft Tissues | 180495, 0 |

Learning Outcome
Describe the structure, function, mechanical properties, and active remodeling of hard and soft tissues.

| Title | Tags |
| --- | --- |
| Ethics | 180530, 5 |

Learning Outcome
Develop an approach for resolving ethical dilemmas related to biomedical engineering.

| Title | Tags |
| --- | --- |
| Finite Deformation Analysis | 180533, 3 |

Learning Outcome
Apply finite deformation analysis to compute soft tissue strains based on marker motion.

| Title | Tags |
| --- | --- |
| Skeletal Dynamics and Joint Reaction Forces | 180618, 2 |

Learning Outcome
Compute skeletal dynamics and joint reaction forces during human locomotion.

| Title | Tags |
| --- | --- |
| Muscles | 180636, 1 |

Learning Outcome
Describe muscle structure, muscle force sharing, passive and active muscle response.

| Title | Tags |
| --- | --- |
| Independent Research Project | 209068, 0, 6 |

Learning Outcome
Propose, develop, present, and write a technical paper on a short team research project related to biomechanics.

CHEM 467

| Title | Tags |
| --- | --- |
| Diverse Modeling Techniques | 180880, 1 |

Learning Outcome
1. Gain an understanding of the different materials modeling techniques as well as an appreciation for their strengths, weaknesses and limitations.

| Title | Tags |
| --- | --- |
| First principles Techniques | 180881, 4 |

Learning Outcome
4. Gain an understanding of the quantum mechanical nature of atomic interactions.

| Title | Tags |
| --- | --- |
| Atomistic Techniques | 180882, 5 |

Learning Outcome
5. Develop the equations and code to simulate atomistic interactions, and run commercial scale simulations.

| Title | Tags |
| --- | --- |
| Mesoscale Techniques | 180883, 6 |

Learning Outcome
6. Simulate intermediate scale phenomena using an appropriate mesoscale model.

| Title | Tags |
| --- | --- |
| Physical Phenomena | 180884, 2 |

Learning Outcome
2. Describe the various physical phenomena governing material behavior at different length scales, either in terms of continuum, thermodynamic descriptions or discrete particles and their interactions.

| Title | Tags |
| --- | --- |
| Continuum Techniques | 180885, 3 |

Learning Outcome
3. Use FEA techniques to model continuum phenomena – and develop a system of equations for their evolution.

# ME EN 557 - Materials in Extreme Environments

## Course Information

**Teaching Area (new)**
ME EN

**Course Number**
557

**Teaching Area**
ME EN

**Course Title**
Materials in Extreme Environments

**Course Description**
This class introduces students to models and empirical data that predict safe operational ranges for materials in high temperature, irradiated, and corrosive environments.\nMethods to measure material properties and performance in each environment are discussed, as well as the fundamental mechanisms that cause changes in material properties.
\n

**Department**
Mechanical Engineering

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 250 - Science of Engineering Materials

Prerequisites

**Complete ALL of the following Courses:**
- 378 - Science of Engineering Materials

# ME EN 558 - Metallurgy

## Course Information

**Teaching Area (new)**
ME EN

**Course Number**
558

**Teaching Area**
ME EN

**Course Title**
Metallurgy

**Course Description**
Fundamental principles of physical metallurgy and their application to design.

**Department**
Mechanical Engineering

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 250 - Science of Engineering Materials

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags |
| --- | --- |
| Phase Diagrams | 180501, 2 |

**Learning Outcome**
Be able to draw, describe and use phase diagrams associated with commonly used engineering materials.

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Point and Line Defects | 180516, 1 |

**Learning Outcome**
Describe the interactions of point and line defects and their effects on mechanical properties.

| Title | Tags |
| --- | --- |
| Thermodynamics of Nucleation | 180532, 5 |

**Learning Outcome**
Describe the thermodynamics and prevalence of both homogeneous and heterogeneous nucleation.

| Title | Tags |
| --- | --- |
| Hardening Mechanisms | 180564, 7 |

**Learning Outcome**
Describe the theory behind the different hardening mechanisms of solid materials.

| Title | Tags |
| --- | --- |
| Characterization Techniques | 180594, 0 |

**Learning Outcome**
Describe common material characterization techniques and their strengths and limitations.

| Title | Tags |
| --- | --- |
| Isothermal Transformations | 180603, 6 |

**Learning Outcome**
Describe the effect of nucleation and growth kinetics on isothermal transformations.

| Title | Tags |
| --- | --- |
| Diffusion | 180631, 4 |

**Learning Outcome**
Model non-steady state diffusion in solid materials and predict the difference as a function of time, temperature and species.

| Title | Tags |
| --- | --- |
| Evolution of Microstructure | 180652, 3 |

**Learning Outcome**
Describe/model the evolution of microstructure under non-steady

state conditions.

## ME EN 561 - (Me En-Phscs) Fundamentals of Acoustics.

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
561

**Teaching Area**
ME EN

**Course Title**
(Me En-Phscs) Fundamentals of Acoustics.

**Course Description**
Vibrating systems, elastic media, mechanical energy, and radiation. Sound generation, transmission, reflection, and reception.

**Department**
Mechanical Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 318 - Introduction to Mathematical Physics

**Additional Comments:**

**Other Prerequisites**
or equivalent; Phscs 461 or concurrent enrollment

**Recommended**
Phscs 318, 321; or equivalents

| Title | Tags |
|---|---|
| Sound | 214684, 0, 1 |

**Learning Outcome**

## ME EN 570 - (Me En-CE En) Computer-Aided Engineering Software Development

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
570

**Teaching Area**
ME EN

**Course Title**
(Me En-CE En) Computer-Aided Engineering Software Development

**Course Description**
Programming methods for development of engineering software. Data structures, architecture, libraries, and graphical user interfaces, with applications to CAD systems.

**Department**
Mechanical Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering

**Additional Comments:**

**Other Prerequisites**
or C programming

| Title | Tags |
|---|---|
| Graphical User Interfaces | 180660, 3 |

Understand physical phenomena underlying sound propagation including energy, intensity, plane waves, standing waves/normal modes, Helmholtz resonators, reflection, transmission, refraction, and absorption. Apply the acoustic wave equation in one, two, and three dimensional systems.

| Title | Tags |
| --- | --- |
| Communication | 214686, 0, 2 |

Learning Outcome

Communicate effectively with others in the class as you work together to learn the material and solve problems. Practice respect and professionalism in your communications both oral and written as you work in groups on the assignments.

Learning Outcome
Ability to create graphical user interfaces that facilitate ease of use.

| Title | Tags |
| --- | --- |
| Complex Algorithms | 180690, 0 |

Learning Outcome
Ability to develop complex algorithms.

## ME EN 572 - Design for Additive Manufacturing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 572 |

**Teaching Area**
ME EN
**Course Title**
Design for Additive Manufacturing
**Course Description**
This course explores the past, present, and future of additive manufacturing (AM), including how it enables mass customization and increased design complexity. Lab experiences focus on preparing 3D models, operating several types of AM systems, and post processing finished parts. Students apply "Design for AM" principles to adapt existing part designs for AM and design new products that capitalize on the possibilities only available through AM.
**Department**
Mechanical Engineering
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## ME EN 575 - (Me En-CE En) Optimization Techniques in Engineering.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ME EN | 575 |

**Teaching Area**
ME EN
**Course Title**
(Me En-CE En) Optimization Techniques in Engineering.
**Course Description**
Application of computational optimization techniques to constrained engineering design. Theory and application of gradient-based and gradient-free algorithms for unconstrained and constrained nonlinear problems. Robust design methods.
**Department**
Mechanical Engineering
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 272 - Engineering Graphics--Principles and Applications

**Additional Comments:**

**Other Prerequisites**
ME EN250 strongly recommended

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 302 - Mathematics for Engineering 1

Prerequisites

**Complete ALL of the following Courses:**
- MATH 314 - Calculus of Several Variables

**Additional Comments:**

**Other Prerequisites**
Scientific computing.

## ME EN 576 - Product Design

### Course Information

**Teaching Area (new)** | **Course Number**
ME EN | 576

**Teaching Area**
ME EN
**Course Title**
Product Design
**Course Description**
Emerging design methodology and design strategies for complex systems, including decomposition methods and sensitivity analysis. Advanced CAD/CAE/CAM technologies applied to design.
**Department**
Mechanical Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## ME EN 577 - Uncertainty Quantification

### Course Information

**Teaching Area (new)** | **Course Number**
ME EN | 577

**Teaching Area**
ME EN
**Course Title**
Uncertainty Quantification
**Course Description**
The theory and practice of for assessing the influence of uncertainty on the behavior of systems, models, and corresponding predictions. Students will apply uncertainty quantification methods to example models and a system/model of their choice. \n
**Department**
Mechanical Engineering
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 475 - Integrated Product and Process Design 1

**Additional Comments:**

**Other Prerequisites**
or instructor's consent

| Title | Tags |
|---|---|
| Product Development Process | 180502, 0 |

**Learning Outcome**
Developing and executing a suitable product development process that meets the specific needs of a product's design or the needs of a specific design environment.

3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 302 - Mathematics for Engineering 1

Prerequisites

**Complete ALL of the following Courses:**
- MATH 314 - Calculus of Several Variables

**Additional Comments:**

**Other Prerequisites**
Recommended courses: Any introductory statistics course (e.g. STAT 201, etc.). Previous computer programming experience (any language). Mechanical Engineering students must have taken or be enrolled in ME 362. CS majors may enroll by permission of the instructor.

## ME EN 578 - Systems Engineering and CAD Applications

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ME EN | 578 |

**Teaching Area**
ME EN
**Course Title**
Systems Engineering and CAD Applications
**Course Description**
Principles and practices involved in systems engineering and design with related applications in advanced CAD models generation, optimization, and automation.
**Department**
Mechanical Engineering
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

## ME EN 579 - Global Product Development

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ME EN | 579 |

**Teaching Area**
ME EN
**Course Title**
Global Product Development
**Course Description**
Preparing students to be leaders in globally-influenced product development organizations. Includes visits to U.S. and overseas companies and universities.
**Department**
Mechanical Engineering
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering
  **AND** ME EN 475 - Integrated Product and Process Design 1
  **AND** STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

| Title | Tags |
|---|---|
| Programming Proficiency | 180526, 0, 0, 2019-09-24 13:48:11 |

Learning Outcome
Develop skills in programming applied to systems engineering problems and CAD applications.

| Title | Tags |
|---|---|
| Optimization and Integration Software | 180567, 0, 1, 2019-09-24 13:48:11 |

Learning Outcome
Use and program optimization and integration frameworks to optimize programmatic systems engineering and CAD/CAE applications.

| Title | Tags |
|---|---|
| Advanced Systems Design Models | 180467, 0, 2, 2019-09-24 13:48:11 |

Learning Outcome
Learn and demonstrate the use of advanced systems design models such as discrete event simulation, agent based Modeling, system dynamics, and surrogate modeling techniques for rapid systems design space exploration.

Title

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ME EN 476 - Product Development 2 - Capstone

**Additional Comments:**

Other Prerequisites
Me En 475 or equivalents; senior or graduate status

| Title | Tags |
|---|---|
| Effects of Globalization | 180559, 4 |

Learning Outcome
Understand how globalization affects us.

| Title | Tags |
|---|---|
| Outsourcing | 180580, 3 |

Learning Outcome
Understand why outsourcing is such a big deal with companies.

| Title | Tags |
|---|---|
| Global Product Development Issues | 180583, 0 |

Learning Outcome
Understand issues associated with a global product development including developing product needs in unfamiliar cultures, managing distributed design teams and manufacturing at remote and/or distributed sites. Appreciate first-hand how global companies approach these issues.

| Title | Tags |
|---|---|
| Global Product Development Challenges | 180641, 2 |

Learning Outcome
Appreciate the challenges in

Title
Visualization and Decision-Making Techniques

Tags
180693, 0, 3, 2019-09-24 13:48:11

Learning Outcome
Understand and apply visualization and decision making techniques for multi-dimensional spaces for systems-level decision analysis and optimization.

Title
Systems Analysis Principles

Tags
180639, 0, 4, 2019-09-24 13:48:11

Learning Outcome
Understand and apply basic systems analysis principles and techniques such as feasibility studies, requirements development, Monte Carlo simulations, life cycle cost analysis, complexity, Lean Six Sigma, system-of-systems, game theory, risk assessment, uncertainty analysis, etc.

Title
Proof-of-Concept

Tags
180492, 0, 5, 2019-09-24 13:48:11

Learning Outcome
Develop a proof-of-concept for an industry or research sponsored systems engineering application.

Title
Collaboration

Tags
180554, 0, 6, 2019-09-24 13:48:11

Learning Outcome
Work in collaboration with fellow teammates to accomplish both the learning of the technique and the executing of the systems engineering project.

managing product development across different countries, cultures and languages, and how companies apply appropriate tools and processes to address these challenges.

Title
Integrated Nature of a Global Economy

Tags
180670, 6

Learning Outcome
Appreciate the integrated nature of business, engineering, law and other disciplines in a global economy.

Title
Global Design Strategies

Tags
180678, 1

Learning Outcome
Understand design strategies in a global environment.

Title
Design and Manufacturing Capabilities in Other Countries

Tags
180705, 5

Learning Outcome
Understand the design and manufacturing capabilities of other countries and how companies leverage these capabilities (work with, deal with, manage) in a cross cultural team environment.

## ME EN 595R - Topics in Materials

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
595R

**Teaching Area**
ME EN

**Course Title**
Topics in Materials

**Department**
Mechanical Engineering

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
18

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Departmental consent

| Title | Tags |
| --- | --- |
| Technical Writing | 180731, 1 |

**Learning Outcome**
Students will develop technical communication writing skills through writing a report and/or presenting an oral presentation.

| Title | Tags |
| --- | --- |
| Application of Principles | 180733, 2 |

**Learning Outcome**
Students will increase their ability to apply engineering principles through design, experimentation, analysis, or other engineering approaches.

## ME EN 595R - Special Topics in Mechanical Engineering

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
595R

**Teaching Area**
ME EN

**Course Title**
Special Topics in Mechanical Engineering

**Department**
Mechanical Engineering

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
18

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Departmental consent.

| Title | Tags |
| --- | --- |
| Topic Understanding | 180669, 0 |

**Learning Outcome**
Students will develop an understanding of a timely topic in mechanical engineering.

## ME EN 595R - Topics in Mechanical Design

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
595R

**Teaching Area**
ME EN

**Course Title**
Topics in Mechanical Design

**Department**
Mechanical Engineering

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
18

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Departmental consent

| Title | Tags | Learning Outcome |
|---|---|---|
| Technical Writing | 180680, 2 | Students will develop technical communication writing skills through writing a report and/or presenting an oral presentation. |
| Application of Principles | 180696, 1 | Students will increase their ability to apply engineering principles through design, experimentation, analysis, or other engineering approaches. |

## ME EN 595R - Advanced Dynamics

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
595R

**Teaching Area**
ME EN

**Course Title**
Advanced Dynamics

**Department**
Mechanical Engineering

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
18

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Departmental consent

| Title | Tags | Learning Outcome |
|---|---|---|
| Technical Writing | 180730, 1 | Students will develop technical communication writing skills through writing a report and/or presenting an oral presentation. |
| Application of Principles | 180732, 2 | Students will increase their ability to apply engineering principles through design, experimentation, analysis, or other engineering approaches. |

## ME EN 634 - Autonomous Aircraft Guidance, Navigation, and Control

## MESA 201 - Introduction to Middle East Studies

## Guidance, Navigation, and Control

### Course Information

**Teaching Area (new)**
ME EN

**Course Number**
536

**Teaching Area**
ME EN

**Course Title**
Autonomous Aircraft Guidance, Navigation, and Control

**Course Description**
Dynamics of fixed-wing aircraft flight, stability, and control derivatives, longitudinal and lateral control design; state-space control strategies for aircraft; and autonomous aircraft applications.

**Department**
Mechanical Engineering

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Completion Requirement

**Complete ANY of the following Courses:**

- ME EN 431 - (Me En-EC En 483) Design of Control Systems
  **OR** EC EN 483 - (EC En-Me En 431) Design of Control Systems.

**Additional Comments:**

**Title**
Aircraft Dynamics and Motion Simulation

**Tags**
214051, 0, 1, 2023-08-29 10:55:04

**Learning Outcome**
An understanding of aircraft dynamics including coordinate frames, aircraft state variables, dynamics, and aerodynamics. The ability to simulate aircraft motion using nonlinear moderate-fidelity models and simplified linear models.

## Studies

### Course Information

**Teaching Area (new)**
MESA

**Course Number**
201

**Teaching Area**
MESA

**Course Title**
Introduction to Middle East Studies

**Course Description**
Introduction to Middle East from historical, art/literary, and various social science perspectives, including introduction to disciplinary methodologies and major issues of interest.

**Department**
Internationl&Area Studies

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Introduction to the Study of the Middle East

**Tags**
200122, 0

**Learning Outcome**
This course identifies major areas of study necessary to understand the culture, context, and areas of current concern in the Middle East and poses questions as to how we may go about learning.

**Title**
Aircraft Control Techniques and Autopilots

**Tags**
214052, 0, 2, 2023-08-29 10:55:06

**Learning Outcome**
An understanding of common aircraft control techniques, such as successive loop closure, and how they apply to the design of longitudinal and lateral-directional autopilots.

**Title**
State Estimators

**Tags**
214053, 0, 3, 2023-08-29 10:55:08

**Learning Outcome**
The ability to design and implement estimators, including Kalman filters, to estimate aircraft states.

**Title**
Path Planning and Path Following Algorithms

**Tags**
214054, 0, 4, 2023-08-29 10:55:10

**Learning Outcome**
An understanding of path planning and path following algorithms suitable for unmanned aircraft and the ability to implement them in an aircraft simulation.

## MESA 250 - Introduction to the Religion of Islam

### Course Information

**Teaching Area (new)**
MESA

**Course Number**
250

**Teaching Area**
MESA

**Course Title**
Introduction to the Religion of Islam

**Course Description**
Exploring the rise of Islam, the life of Muhammad, basic beliefs and practices, major figures and movements, and contemporary political and social issues.

**Department**
Internationl&Area Studies

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Introduction to Religion of Islam | 200115, 0 |

**Learning Outcome**
Study of the sources, history, principles of religion, law, and practice from the founding of Islam until the present period.

## MESA 300 - Professional Development in International Studies

### Course Information

**Teaching Area (new)**
MESA

**Course Number**
300

**Teaching Area**
MESA

**Course Title**
Professional Development in International Studies

**Course Description**
Focus on the following topics, with application to training in Middle East Studies: career exploration, internship planning, graduate school exploration and planning, developing a professional resume and web presence, and career networking.??Students will attend several career-related lectures of their choosing, and complete assignments designed to support their professional development after graduation.

**Department**
Internationl&Area Studies

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Recommended**
MESA 201; MESA 201; Students should take this course during their second or third year in the major.

## MESA 320 - The Qur'an in English

### Course Information

**Teaching Area (new)**
MESA

**Course Number**
320

**Teaching Area**
MESA

**Course Title**
The Qur'an in English

**Course Description**
Students examine and assess interpretations of the Qur'an in English, studying the historical, theological, and literary aspects of the Qur'anic text. \n\n

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
MESA 250

## MESA 350 - Islam in Contemporary Society

### Course Information

**Teaching Area (new)**
MESA

**Course Number**
350

**Teaching Area**
MESA

**Course Title**
Islam in Contemporary Society

**Course Description**
Islam in modern society: doctrine, practices, institutions, approaches to the challenges of modern life; the rise of fundamentalism.

**Department**
Internationl&Area Studies

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MESA 250 - Introduction to the Religion of Islam

**Additional Comments:**

| Title | Tags |
| --- | --- |
| MESA 350 Contemporary Islam | 200112, 0 |

**Learning Outcome**
Class on issues which face contemporary Muslims throughout world.

## MESA 380 - Middle Eastern Field Studies

### Course Information

**Teaching Area (new)**
MESA

**Course Number**
380

**Teaching Area**
MESA

**Course Title**
Middle Eastern Field Studies

**Course Description**
Topics include the history, archeology, religion, society, and politics of the region. Visit key sites described in both the Old and New Testaments, monuments of the Hebrew and Roman worlds, as well as sites of historical and contemporary social and political relevance. Assess the rich historical and spiritual legacy of biblical Israel, patterns of political and social development in the 20th century, including the founding of the state of Israel. Examine the history of the Israeli-Palestinian conflict, contemporary domestic social and political issues in Israel and Palestine, attempts at conflict resolution, and opportunities for future political development.

**Department**
Internationl&Area Studies

**When Taught**
Fall

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
ARAB 300

**Recommended**
MESA 201. ARAB 300.

**Note**
This is a two-week course designed for Study Abroad.

## MESA 398R - Directed Middle East Study

### Course Information

**Teaching Area (new)**
MESA

**Course Number**
398R

**Teaching Area**
MESA

**Course Title**
Directed Middle East Study

**Course Description**
Study and research in the Middle East.

**Department**
Internationl&Area Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
3

**Other Prerequisites**
Instructor's consent; Middle East Studies/Arabic coordinator's consent

**Title**
Directed Reading

**Tags**
200109, 0

**Learning Outcome**
This course is for students who wish to follow a well-defined, advanced course of study achieved through readings, research and critique supervised by a professor.

## MESA 399R - Academic Internship

### Course Information

**Teaching Area (new)**
MESA
**Course Number**
399R
**Teaching Area**
MESA
**Course Title**
Academic Internship
**Course Description**
Individualized work or volunteer experience in the Middle East or with an organization dealing with the Middle East. Must be coordinated through International Study Programs or the Washington Seminar and with the consent of the Middle East Studies/Arabic coordinator.
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1
**Fixed**
3

**Other Prerequisites**
Middle East Studies/Arabic coordinator's consent
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Professional Knowledge | 200144, 1 |

**Learning Outcome**
The students will utilize a significant range of skills and abilities in a professional setting.

## MESA 467R - Topics in Middle East Studies

### Course Information

**Teaching Area (new)**
MESA
**Course Number**
467R
**Teaching Area**
MESA
**Course Title**
Topics in Middle East Studies
**Course Description**
Topics vary.
**Department**
Internationl&Area Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5
**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Topics courses are narrowly-defined classes offered sporadic | 200111, 0 |

**Learning Outcome**
Substantative Research PapersLibrary/Internet Research

## MESA 494 - Capstone Arabic

### Course Information

**Teaching Area (new)**
MESA
**Course Number**
494
**Teaching Area**
MESA
**Course Title**
Capstone Arabic
**Course Description**
Readings in Arabic texts supporting research for the MESA capstone seminar.
**Department**
Internationl&Area Studies
**When Taught**
Winter

## MESA 495 - Senior Seminar in Middle East Studies

### Course Information

**Teaching Area (new)**
MESA
**Course Number**
495
**Teaching Area**
MESA
**Course Title**
Senior Seminar in Middle East Studies
**Course Description**
Capstone course, including major research paper demonstrating ability to integrate cross-disciplinary information and methodology.
**Department**
Internationl&Area Studies
**When Taught**

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ARAB 300 - Advanced Modern Standard Arabic
  **AND** ARAB 302 - Newspaper Arabic

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Capstone Arabic | 200103, 0 |

**Learning Outcome**
Capstone Arabic provides an advanced course in reading Arabic primary and secondary sources for Capstone Seminar research.

## MFGEN 130 - Modern Manufacturing

Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ARAB 302 - Newspaper Arabic
  **AND** POLI 200 - Political Inquiry

Prerequisites

**Complete ALL of the following Courses:**

- ARAB 302 - Newspaper Arabic
  **AND** HIST 200 - The Historian's Craft.

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Capstone Seminar MESA 495R | 200113, 0 |

**Learning Outcome**
The Capstone Seminar is the final course in the major. It combines in-depth research on a narrow topic with a research, analysis and writing of a substantive research paper in multiple drafts utilizing peer reviews at two stages, an oral presentation of findings, and research utilizing Arabic sources.

## MFGEN 220 - Material Removal

## Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
130

**Teaching Area**
MFGEN

**Course Title**
Modern Manufacturing

**Course Description**
Methods and characteristics of successful manufacturing engineers and managers. Introduction to engineering and technology, design, and project management. Lab.

**Department**
Manufacturing Engineering

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Title**
Manufacturing Systems and Process Improvement

**Tags**
208603, 0, 3

**Learning Outcome**
Students will understand basic manufacturing system design and process improvement methodologies.

**Title**
Group Project

**Tags**
208604, 0, 4

**Learning Outcome**
Students will apply leadership, teamwork and innovation tools to a group project.

**Title**
Manufacturing Best Practices

**Tags**
181275, 1

**Learning Outcome**
Students will understand the four pillars of manufacturing

## Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
220

**Teaching Area**
MFGEN

**Course Title**
Material Removal

**Course Description**
Methods and procedures to shape materials using basic machine tools; cutting theory, tool selection, metrology methods, and machine operation. Introduction to computer numerical control.

**Department**
Manufacturing Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Math 111 or equivalent; MFG 130 or concurrent enrollment.

**Title**
Safety

**Tags**
181238, 0

**Learning Outcome**
Students will understand and be able to apply correct shop safety principles and precautions while working with or around metal removal equipment.

**Title**
Machining Processes

**Tags**
181282, 1

**Learning Outcome**
Students will understand and be able to apply correct principles of cutting metals and non-metals with various machine tools and a variety of cutting tools.

Metrology
Speeds and Feeds
Hand Tools

four pillars of manufacturing and the role of each pillar in the manufacturing discipline.

| Title | Tags |
| --- | --- |
| Manufacturing Processes | 181281, 2 |

**Learning Outcome**
Students will understand the basic manufacturing processes and their characteristics.

Engine Lathe
Manual Mills
Drilling
Saws
CNC Programming for Mills

| Title | Tags |
| --- | --- |
| Teamwork | 181080, 2 |

**Learning Outcome**
Students will learn to work on teams while preparing presentations and developing a manufacturing plan for a production run.

## MFGEN 230 - Computer-Aided Manufacturing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFGEN | 230 |

**Teaching Area**
MFGEN
**Course Title**
Computer-Aided Manufacturing
**Course Description**
Manual and computer-assisted programming of computer numerical controlled (CNC) equipment. Developing CNC programs to manufacture parts for high production.
**Department**
Manufacturing Engineering
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
Type

## MFGEN 291 - Manufacturing Leadership

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFGEN | 291 |

**Teaching Area**
MFGEN
**Course Title**
Manufacturing Leadership
**Course Description**
Lectures on personal and professional development, ethics, global leadership, and belonging. An emphasis on resumes and internship preparation will be included.
**Department**
Manufacturing Engineering
**When Taught**
Fall

#### Credit Hours

**Fixed**
1

#### Lecture Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Leadership | 181335, 1 |

**Learning Outcome**
Students will understand that the essence of leadership is to build people through development of individual talents and fastering life-long growth and learning.

| Title | Tags |
| --- | --- |

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ME EN 272 - Engineering Graphics--Principles and Applications
  **AND** MFGEN 220 - Material Removal

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Safety | 181013, 0 |

**Learning Outcome**
Students will understand and be able to apply correct shop safety principles and precautions while working with or around metal removal equipment.

| Title | Tags |
| --- | --- |
| Machining Processes | 181169, 1 |

**Learning Outcome**
Students will understand and be able to apply correct principles of cutting metals and non-metals with various machine tools and a variety of cutting tools.

Metrology
Speeds and Feeds

| Title | Tags |
| --- | --- |
| CAD/CAM/CNC | 181278, 2 |

**Learning Outcome**
Students will understand and be able to apply correct principles related G&M code programming.

Manual programming - Mill, Wire EDM, Lathe
CAM programming

| Title | Tags |
| --- | --- |
| Design | 181154, 3 |

**Learning Outcome**
Students will understand and be able to apply the design process while solving manufacturing related problems.

| Title | Tags |
| --- | --- |
| Responsibility | 181040, 2 |

**Learning Outcome**
Students will understand their personal role in life-long professional, ethical, global, cultural and social responsibilities.

| Title | Tags |
| --- | --- |
| Lifelong Learning | 181127, 3 |

**Learning Outcome**
Students will understand their personal role in staying current in technical fields and life-long learning.

## MFGEN 318 - Manufacturing Electronics and Microsystems

## MFGEN 331 - Metals Processes

## and Microsystems

### Course Information

**Teaching Area (new)**
IT&C

**Course Number**
318

**Teaching Area**
MFGEN

**Course Title**
Manufacturing Electronics and Microsystems

**Course Description**
Basics of electricity; behavior and manufacture of resistors, inductors, capacitors, transformers; motors; manufacture of transistors, ICs, MCMs, circuit boards. Computers; digital communications; networking.

**Department**
Electrical&Computer Engr

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 121 - Introduction to Newtonian Mechanics

**Additional Comments:**

| Title | Tags |
|---|---|
| Use of Electrical Energy | 214055, 0, 1, 2023-08-29 10:56:37 |

**Learning Outcome**
Understand and be able to effectively and safely use electrical energy in manufacturing.

| Title | Tags |
|---|---|
| Analog and Digital Devices | 214056, 0, 2, 2023-08-29 10:56:43 |

**Learning Outcome**

### Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
331

**Teaching Area**
MFGEN

**Course Title**
Metals Processes

**Course Description**
Capabilities and applications of common metal-processing methods, including relationships between part design, material, and process parameters.

**Department**
Manufacturing Engineering

**When Taught**
Fall.

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 250 - Science of Engineering Materials
  **AND** MFGEN 230 - Computer-Aided Manufacturing

**Additional Comments:**

**Recommended**
CE En 203 is strongly recommended

| Title | Tags |
|---|---|
| Material Properties of Metals | 208605, 0, 1 |

**Learning Outcome**
Students will understand the effect of metals processes on the microstructure and mechanical properties of metal alloys and be able to design processes to produce desired properties.

Define and be able to use analog and digital devices in manufacturing applications.

| Title | Tags |
| --- | --- |
| Analog and Digital Devices | 214057, 0, 3, 2023-08-29 10:56:44 |

**Learning Outcome**
Be able to design manufacturing processes for electronic/microsystem-based products.

| Title | Tags |
| --- | --- |
| Processes for Electronic/Microsystem Products | 214058, 0, 4, 2023-08-29 10:56:45 |

**Learning Outcome**
Be able to design manufacturing processes for electronic/microsystem-based products.

| Title | Tags |
| --- | --- |
| Advantages and Limitations | 214059, 0, 5, 2023-08-29 10:57:01 |

**Learning Outcome**
Identify advantages and limitations of manufacturing process relevant for electronics and microsystems.

| Title | Tags |
| --- | --- |
| Cost Analysis | 214060, 0, 6, 2023-08-29 10:57:05 |

**Learning Outcome**
Be able to perform cost analyses of manufacturing processes related to electronic/microsystem-based products.

| Title | Tags |
| --- | --- |
| Method Evaluation | 214061, 0, 7, 2023-08-29 10:57:15 |

**Learning Outcome**
Be able to evaluate manufacturing methods with respect to product specifications.

| Title | Tags |
| --- | --- |
| Life Cycle Analysis | 214062, 0, 8, 2023-08-29 10:57:16 |

**Learning Outcome**
Be able to analyze the life cycle of electronic/microsystem

| Title | Tags |
| --- | --- |
| Design Project | 208606, 0, 2 |

**Learning Outcome**
Students will design a part or assembly and manufacture it using metals processes.

| Title | Tags |
| --- | --- |
| Metals Processes | 206730, 0 |

**Learning Outcome**
Students will understand and apply principles of welding and joining, casting, and metal forming to the manufacture of individual parts and/or assemblies.

products.

## MFGEN 333 - Industrial Automation

### Course Information

**Teaching Area (new)**
MFGEN
**Course Number**
333
**Teaching Area**
MFGEN
**Course Title**
Industrial Automation
**Course Description**
Application of sensors, actuators, robotics, part feeding and assembly, PLCs, pneumatic and hydraulic control, for justifying industrial automation.
**Department**
Manufacturing Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ANY of the following Courses:**
- C S 110 - How to Program
  **OR** C S 111 - Introduction to Computer Science

**Additional Comments:**

**Title**
Automation System and Process Design
**Tags**
181089, 2

**Learning Outcome**
Students will understand and apply fundamental design

## MFGEN 340 - Quality Systems in Manufacturing

### Course Information

**Teaching Area (new)**
MFGEN
**Course Number**
340
**Teaching Area**
MFGEN
**Course Title**
Quality Systems in Manufacturing
**Course Description**
Tools and principles of quality in manufacturing systems based on the Six Sigma process. Basic tools, variation, loss function, cost of quality, SPC, DOE, and FMEA. Comprehensive project required.
**Department**
Manufacturing Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment.

**Title**
Variation
**Tags**
181179, 4

**Learning Outcome**

apply fundamental design methodologies for the selection of appropriate automation processes and equipment.

| Title | Tags |
| --- | --- |
| Variation | 181064, 3 |

**Learning Outcome**
Students will learn the impact of part variation on automated production.

| Title | Tags |
| --- | --- |
| Programming | 181061, 4 |

**Learning Outcome**
Students will demonstrate ability to program industrial robots and PLCs that communicate with industrial hardware for control of automated systems.

| Title | Tags |
| --- | --- |
| Communication | 181132, 5 |

**Learning Outcome**
Students will establish effective written communication skills through technical reports.

Students will assess the nature, types, and impact of variation.

| Title | Tags |
| --- | --- |
| System Improvement | 181197, 7 |

**Learning Outcome**
Students will understand and implement system improvement concepts.

| Title | Tags |
| --- | --- |
| Quality and Capability | 181119, 0, 5 |

**Learning Outcome**
Students will be able to effectively define, measure, analyze, improve, and control quality and capability.

## MFGEN 355 - Plastics Materials and Processing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFGEN | 355 |

**Teaching Area**
MFGEN
**Course Title**
Plastics Materials and Processing
**Course Description**
Understanding plastic materials, properties, and uses. Survey of plastic-manufacturing processes. Designing plastic products and manufacturing systems.
**Department**
Manufacturing Engineering
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## MFGEN 372 - Design for X

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFGEN | 372 |

**Teaching Area**
MFGEN
**Course Title**
Design for X
**Course Description**
Design methodologies and guidelines for products and systems. Design for Manufacturing, Design for Assembly, Design for Sustainability, Design for Usability, and other related topics. Concurrent engineering skills for engaging design, manufacturing, and systems engineers in multidisciplinary teams.
**Department**
Manufacturing Engineering
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 250 - Science of Engineering Materials
  **OR** MFGEN 230 - Computer-Aided Manufacturing

Prerequisites

**Complete ALL of the following Courses:**
- 378 - Science of Engineering Materials
  **OR** ME EN 382 - Manufacturing Processes

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- MFGEN 230 - Computer-Aided Manufacturing
  **OR** 378 - Science of Engineering Materials

**Complete ALL of the following Courses:**
- ME EN 382 - Manufacturing Processes
  **OR** ME EN 250 - Science of Engineering Materials

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags |
|---|---|
| Materials | 181334, 1 |

**Learning Outcome**
Students will understand the behavior, properties, and science of plastic materials and use that knowledge to select appropriate materials for a given application or process.

| Title | Tags |
|---|---|
| Processes | 181327, 2 |

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Manufacturing Processes | 208598, 0, 1 |

**Learning Outcome**
Students will understand the basic principles and limitations of common manufacturing processes and how they affect the manufacturability of a design.

| Title | Tags |
|---|---|
| Product Design Theory | 208599, 0, 2 |

**Learning Outcome**
Students will understand how Design for Manufacturing & Assembly methods can aid in concurrent engineering practices.

| Title | Tags |
|---|---|
| Product Design Practical | 208600, 0, 3 |

**Learning Outcome**
Students will apply Design for X methods in product design.

| Title | Tags |
|---|---|
| Quality and Continuous Improvement | 208601, 0, 4 |

**Learning Outcome**
Students will evaluate the influence of design principles on quality, performance, and cost.

| Title | Tags |
|---|---|
| Communication | 208602, 0, 5 |

**Learning Outcome**
Make, communicate, and defend design decisions based on Design for X methods.

Learning Outcome
Students will understand a variety of manufacturing processes for plastics and be able to select the appropriate process for a given task, and be able to trouble shoot such processes.

| Title | Tags |
| --- | --- |
| Design | 181324, 3 |

Learning Outcome
Students will understand the design of plastic products and the equipment, tooling, and environment for their economical manufacture.

## MFGEN 381 - Lean Manufacturing & System Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFGEN | 381 |

Teaching Area
MFGEN
Course Title
Lean Manufacturing & System Design
Course Description
Basic elements, planning and integration issues of manufacturing systems. Analyzing product specifications and production requirements for manufacturing concepts and practices involved in process planning and manufacturing system design. Designing a manufacturing system can be as complex and crucial to the success of a company as the design of the products being made. Equipment selection and justification; facility layout and material-handling system design; process-improvement techniques. Lean manufacturing principles will be used within the context of each topic in this course.
Department
Manufacturing Engineering
When Taught
Winter

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
3

## MFGEN 391 - Junior Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFGEN | 391 |

Teaching Area
MFGEN
Course Title
Junior Seminar
Course Description
Lectures on professionalism, leadership, and career and life success.
Department
Manufacturing Engineering
When Taught
Fall Term 1.

#### Credit Hours

Min
0.5

Fixed
0.5

#### Lecture Hours

Fixed
0.5

#### Lab Hours

Fixed
0

Other Prerequisites
MFG 291; junior standing.

| Title | Tags |
| --- | --- |
| Ethics and Professionalism | 208636, 0, 1 |

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MFGEN 340 - Quality Systems in Manufacturing

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MFGEN 340 - Quality Systems in Manufacturing

**Additional Comments:**

| Title | Tags |
|---|---|
| System Metrics | 181190, 0 |

**Learning Outcome**
Students will understand key manufacturing metrics and how they are influenced.

| Title | Tags |
|---|---|
| Production and Inventory Control | 181084, 5 |

**Learning Outcome**
Students will understand the principles and techniques of production and inventory control.

| Title | Tags |
|---|---|
| Process Improvement | 181211, 7 |

**Learning Outcome**
Students will apply process improvement techniques to improve process performance.

| Title | Tags |
|---|---|
| Ethics and Professionalism | 208838, 0, 1 |

**Learning Outcome**
Students will demonstrate an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

| Title | Tags |
|---|---|
| Communication | 181361, 1 |

**Learning Outcome**
Students will demonstrate an ability to communicate effectively with a range of audiences.

## MFGEN 399R - Academic Internship

### Course Information

| Teaching Area (new) | Course Number |
|---|---|

## MFGEN 401 - Data Analysis

### Course Information

| Teaching Area (new) | Course Number |
|---|---|

MFGEN 399R

**Teaching Area**
MFGEN

**Course Title**
Academic Internship

**Course Description**
Working in teams to solve problems encountered in industry. Project management and reporting under guidance of industry supervisor and department faculty.

**Department**
Manufacturing Engineering

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Second-semester junior standing and faculty authorization

**Note**
An APPROVED Internship Application is required before adding. Follow the Department Pre-registration Instructions prior to Internship Application.

| Title | Tags |
|---|---|
| Communication | 208637, 0, 1 |

**Learning Outcome**
Students will demonstrate an ability to communicate effectively with a range of audiences.

MFGEN 401

**Teaching Area**
MFGEN

**Course Title**
Data Analysis

**Course Description**
Basic statistical methods, with an emphasis on manufacturing applications. Topics include sampling guidelines, design of experiments, analysis of variance, regression analysis, and model selection. Introduction to using Excel spreadsheets, Access databases, and VBA programming for data analysis.

**Department**
Manufacturing Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 121 - Principles of Statistics

**Additional Comments:**

| Title | Tags |
|---|---|
| Statistics & Data Analysis Tools | 208594, 0, 1 |

**Learning Outcome**
Students will understand the roles of descriptive & inferential statistics in manufacturing and demonstrate the ability to collect and analyze data according to statistical best practices.

| Title | Tags |
|---|---|
| Design of Experiments | 208595, 0, 2 |

**Learning Outcome**

Learning Outcome
Students will understand the advantages of controlled factorial experiments and demonstrate the ability to set up and draw conclusions from factorial experiments.

| Title | Tags |
| --- | --- |
| Regression Analysis | 208596, 0, 3 |

Learning Outcome
Students will understand and be able to correctly use ANOVA, simple and multiple linear regression, and model fit assessment tools.

| Title | Tags |
| --- | --- |
| Semester Project | 208597, 0, 4 |

Learning Outcome
Students will apply data analysis best practices to an open-ended engineering problem and professionally communicate the experiment, analysis, and recommendations.

## MFGEN 431 - Tool Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFGEN | 431 |

Teaching Area
MFGEN
Course Title
Tool Design
Course Description
Designing special tooling for manufacturing processes using solids-modeling design systems.
Department
Manufacturing Engineering
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed

## MFGEN 433 - Introduction to Smart Manufacturing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFGEN | 433 |

Teaching Area
MFGEN
Course Title
Introduction to Smart Manufacturing
Course Description
Integrating industrial connectivity with real-time performance visibility and issue identification, development of task-based interfaces for a connected assembly line, use of digital processes for increasing production flexibility, and utilizing augmented reality work descriptions.
Department
Manufacturing Engineering
When Taught
Winter

### Credit Hours

Min
3
Fixed
3

2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MFGEN 230 - Computer-Aided Manufacturing
  **AND** MFGEN 331 - Metals Processes

**Additional Comments:**

| Title | Tags |
|---|---|
| Design of Tooling | 181163, 1 |

**Learning Outcome**
Students will understand and be able to apply correct principles when designing tooling to be used in manufacturing operations.

Sheet Metal Punch and Die
Functional Gage
Drill Jig
Mill Fixture

| Title | Tags |
|---|---|
| Cost Analysis | 181143, 2 |

**Learning Outcome**
Students will understand and be able to apply correct principles related to cost analysis and estimation when designing tooling.

| Title | Tags |
|---|---|
| Design Process | 181221, 0 |

**Learning Outcome**

Students will understand and be able to apply the design process while solving manufacturing related problems.

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Enforced Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MFGEN 333 - Industrial Automation
  **AND** MFGEN 318 - Manufacturing Electronics and Microsystems

**Additional Comments:**

**Note**
IT 318 may be taken concurrently. Contact the instructor.

| Title | Tags |
|---|---|
| Equipment | 208639, 0, 3 |

**Learning Outcome**
Students will demonstrate capability in connecting equipment, sensors, and controllers

| Title | Tags |
|---|---|
| Communication | 208640, 0, 4 |

**Learning Outcome**
Students will demonstrate how to communicate real-time information from sensors and equipment, and will create alerts and dashboards to convey changing information.

| Title | Tags |
|---|---|
| Digital Design Implementation | 208641, 0, 2 |

**Learning Outcome**
Students will understand how to implement digital design throughout the manufacturing process.

| Title | Tags |
|---|---|
| Design Theory | 208638, 0, 1 |

**Learning Outcome**
Students will understand Smart

Students will understand Smart Manufacturing Principles, Design, and Equipment Selection.

| Title | Tags |
| --- | --- |
| Applications | 208744, 0, 5 |

**Learning Outcome**
Students will understand areas where digital design enables augmented reality within the factory setting.

## MFGEN 435 - Application of Sensors and Instrumentation for Manufacturing

### Course Information

**Course Number**
435
**Teaching Area**
MFGEN
**Course Title**
Application of Sensors and Instrumentation for Manufacturing
**Course Description**
An introduction to industrial sensors and data acquisition. Students will learn about and gain experience with different sensors, how they work, what they measure, how to use them, and how to make sense of the data.
**Department**
Manufacturing Engineering
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MFGEN 323 - Industrial Automation

## MFGEN 440 - Six Sigma for Manufacturing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFGEN | 440 |

**Teaching Area**
MFGEN
**Course Title**
Six Sigma for Manufacturing
**Course Description**
Principles of Six Sigma applied to manufacturing. Includes the DMAIC improvement methodology, tools of statistical analysis, project management, and related lean principles.
**Department**
Manufacturing Engineering
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

- MFGEN 333 - Industrial Automation
- STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

**Other Prerequisites**
Or equivalent with instructors approval

| Title | Tags |
| --- | --- |
| 1. Familiarity with industrial sensors. | 214063, 0, 1, 2023-08-29 10:58:47 |

**Learning Outcome**
Students will be competent with a wide variety of common industrial sensors and know how they work. Students will be able to look up relevant data from sensor spec sheets, including useful operating ranges, resolution, lag, and errors associated with each sensor. (Learning outcome 6- Experimentation).

| Title | Tags |
| --- | --- |
| 2. Sensor behavior. | 214064, 0, 2, 2023-08-29 10:58:51 |

**Learning Outcome**
Students will be aware of the limitations and proper usage of each sensor and how this affects the measurements. Students will mathematically describe sensor responses to various input, including 0th, 1st, and 2nd order systems, amplitude ratios, and frequency responses. (Learning outcomes 1, 6- Complex Engineering Problems, Experimentation).

| Title | Tags |
| --- | --- |
| 3. Data acquisition. | 214065, 0, 3, 2023-08-29 10:58:52 |

**Learning Outcome**
Students will be familiar with different data acquisition techniques and equipment, and be able to evaluate the quality and reliability of sensor output; including how to use correct sampling frequencies, filter data signals, and make decisions based on sensor data. (Learning outcome 7- New Knowledge).

## MFGEN 456 - Introduction to Composites

**Complete ALL of the following Courses:**

- STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

**Recommended**
MFG 340; MFG 340

## MFGEN 479 - Innovation and Entrepreneurship

## Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
456

**Teaching Area**
MFGEN

**Course Title**
Introduction to Composites

**Course Description**
Structure, processing, properties, and uses of composite materials, including various manufacturing methods and the relationship between properties and fabrication.

**Department**
Manufacturing Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**

**Type**
Completion Requirement

**Complete ALL of the following Courses:**

- ME EN 382 - Manufacturing Processes
  **AND** MFGEN 355 - Plastics Materials and Processing

**Additional Comments:**

**Other Prerequisites**
Equivalent to MFGEN 355 with instructors approval

| Title | Tags |
|---|---|
| Materials | 181053, 0 |

**Learning Outcome**
Understand the behavior, properties, and science of composite materials and use that knowledge to select appropriate materials for a given application or process.

| Title | Tags |
|---|---|
| Manufacturing | 181170, 2 |

## Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
479

**Teaching Area**
MFGEN

**Course Title**
Innovation and Entrepreneurship

**Course Description**
Develop ideas into a business model. Learn product development. Entrepreneurial concepts and practices. Strategic planning and global competitiveness.

**Department**
Manufacturing Engineering

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Entrepreneurial Team | 181217, 1 |

**Learning Outcome**
Students will participate effectively on an entrepreneurial founding team.

| Title | Tags |
|---|---|
| Business Evaluation | 181108, 2 |

**Learning Outcome**
Students will evaluate business ideas, opportunities, and plans.

| Title | Tags |
|---|---|
| Financial Planning | 181252, 3 |

**Learning Outcome**
Students will plan the financial structure and needs of a new business.

| Title | Tags |
| --- | --- |
| Manufacturing | 181170, 2 |

**Learning Outcome**
Understand a variety of manufacturing processes for composites and be able to select the appropriate process for a given task, and be able to trouble shoot such processes.

| Title | Tags |
| --- | --- |
| Product and Process Design | 181051, 3 |

**Learning Outcome**
Understand the design of composite products and the equipment, tooling, and environment for their economical manufacture.

| Title | Tags |
| --- | --- |
| Terminology | 181167, 4 |

**Learning Outcome**
Students will understand and apply entrepreneurial terminology to the entrepreneurial and investment ecosystems.

| Title | Tags |
| --- | --- |
| Start-up Strategies | 181100, 5 |

**Learning Outcome**
Students will formulate strategies to overcome common start-up business challenges.

| Title | Tags |
| --- | --- |
| Business Plan | 181234, 6 |

**Learning Outcome**
Students will prepare an effective written business plan and and communicate it through an oral presentation.

## MFGEN 481 - Manufacturing Systems and Simulation

### Course Information

**Teaching Area (new)**
MFGEN
**Course Number**
481
**Teaching Area**
MFGEN
**Course Title**
Manufacturing Systems and Simulation
**Course Description**
Advanced elements, planning and integration issues of manufacturing systems, including modeling and simulation of manufacturing operations. How to apply simulation to validate lean processes that eliminate waste, learn the basics of queuing theory, basic statistical analysis by analyzing raw data and fitting that data to the proper distribution, how to run multi-scenario experiments that are statistically correct by running multiple replications to provide valid confidence intervals of performance. \n
**Department**
Manufacturing Engineering
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**

## MFGEN 490R - Special Problems in Manufacturing Engineering

### Course Information

**Teaching Area (new)**
MFGEN
**Course Number**
490R
**Teaching Area**
MFGEN
**Course Title**
Special Problems in Manufacturing Engineering
**Course Description**
Students work under the mentoring of a faculty member to complete mutually agreed upon learning objectives and assignments in special topics and problems in manufacturing.
**Department**
Manufacturing Engineering
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5
**Fixed**
3

**Other Prerequisites**
Instructor's consent

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Manufacturing Metrics | 208642, 0, 1 |

**Learning Outcome**
Students will understand key manufacturing metrics and how they are influenced.

| Title | Tags |
| --- | --- |
| Process Planning | 208643, 0, 2 |

**Learning Outcome**
Students will develop a detailed process plan.

| Title | Tags |
| --- | --- |
| Production and Inventory Control | 208644, 0, 3 |

**Learning Outcome**
Students will understand the principles and techniques of production and inventory control.

| Title | Tags |
| --- | --- |
| Process Improvement | 208645, 0, 4 |

**Learning Outcome**
Students will apply process improvement techniques to improve process performance.

| Title | Tags |
| --- | --- |
| Simulation | 208646, 0, 5 |

**Learning Outcome**
Students will set up, run, and evaluate discrete event simulations of manufacturing environments.

## MFGEN 491 - Senior Seminar

### Course Information

**Teaching Area (new)**
MFGEN
**Course Number**
491
**Teaching Area**
MFGEN
**Course Title**
Senior Seminar
**Course Description**
Lectures on career planning, interviewing and negotiating skills, personal and engineering ethics, global leadership and belonging. Additionally, students are required to take the CMfgT exam during this seminar.
**Department**
Manufacturing Engineering
**When Taught**
Fall

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**MFGEN 291**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MFGEN 291 - Manufacturing Leadership

**Additional Comments:**

**Other Prerequisites**
Senior standing.

| Title | Tags |
|---|---|
| Knowledge | 181362, 2 |

**Learning Outcome**
Students will demonstrate and apply knowledge previously learned in a variety of manufacturing topics by taking the Certified Manufacturing Technologist Exam.

## MFGEN 531 - Advanced Computer-Aided Manufacturing Programming

### Course Information

**Teaching Area (new)**
MFGEN
**Course Number**
531
**Teaching Area**
MFGEN
**Course Title**
Advanced Computer-Aided Manufacturing Programming
**Course Description**
CAD/CAM programming techniques and requirements for manufacturing components on computer numerical-control machine tools, emphasizing CAM programming, postprocessors, and CAM software evaluation.
**Department**
Manufacturing Engineering
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Other Prerequisites**
MFG 230 or previous CNC programming experience, or instructor's approval.

| Title | Tags |
|---|---|
| CAD/CAM/CNC | 181188, 0 |

**Learning Outcome**
Students will understand and be able to apply correct principles in the design of parts, creation of tool path, and machining of the part for advanced surfaces and contours.

## MFGEN 532 - Manufacturing Systems

### Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
532

**Teaching Area**
MFGEN

**Course Title**
Manufacturing Systems

**Course Description**
Analyzing lean manufacturing systems. Numerous examples and case studies from industry demonstrating principles of lean production, inventory management, and lean distribution. Project with a local company to gain confidence with these principles in an industrial setting.

**Department**
Manufacturing Engineering

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Mfg 480 or instructor's consent

| Title | Tags |
| --- | --- |
| Systems, Systems Design, Competitiveness, Contemporary | 181175, 0 |

**Learning Outcome**
Students will understand and be able to apply principles of lean manufacturing in a production environment.

## MFGEN 533 - Manufacturing Information Systems

### Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
533

**Teaching Area**
MFGEN

**Course Title**
Manufacturing Information Systems

**Course Description**
Applying and integrating software and information technologies in planning, executing, and monitoring production operations.

**Department**
Manufacturing Engineering

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Other Prerequisites**
MFGEN 381 or instructor's consent

| Title | Tags |
| --- | --- |
| IT applications in manufacturing | 181008, 3 |

**Learning Outcome**
Understand the major IT applications used in a manufacturing enterprise.

| Title | Tags |
| --- | --- |
| Database Management | 181056, 2 |

**Learning Outcome**
Be able to create and use a simple database management system

| Title | Tags |
| --- | --- |
| Business Analytics | 181062, 5 |

**Learning Outcome**
Be able to manipulate and analyze data using Excel

**Title**
IT deployment

**Tags**
181123, 6

**Learning Outcome**
Understand how to specify, evaluate and implement IT systems in manufacturing

**Title**
Computer hardware, software and networking

**Tags**
181158, 1

**Learning Outcome**
Understand the basics of computers, languages, architectures and networking

**Title**
IT integration

**Tags**
181162, 4

**Learning Outcome**
Understand the issues associated with IT integration

**Title**
Enterprise Architecture

**Tags**
181258, 0

**Learning Outcome**
Understand how to design and interpret and enterprise architecture

## MFGEN 556 - Modeling and Simulation of Composites Manufacturing

### Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
556

**Teaching Area**
MFGEN

**Course Title**
Modeling and Simulation of Composites Manufacturing

**Course Description**
Applications of spreadsheets, computer programming, mathematics, mechanics, heat transfer, fluid dynamics, and reaction kinetics to the description and prediction of various elements of manufacturing processes for polymer-based composite materials.

**Department**
Manufacturing Engineering

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Graduate standing or instructor's consent.

## MFGEN 558 - Metallurgy

### Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
558

**Teaching Area**
MFGEN

**Course Title**
Metallurgy

**Course Description**
Fundamental principles of physical metallurgy and their application to design.

**Department**
Manufacturing Engineering

**When Taught**
Fall Even Years

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 250 - Science of Engineering Materials

**Additional Comments:**

## MFGEN 572 - Design for Additive Manufacturing

### Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
572

**Teaching Area**
MFGEN

**Course Title**
Design for Additive Manufacturing

**Course Description**
This course explores the past, present, and future of additive manufacturing (AM), including how it enables mass customization and increased design complexity. Lab experiences focus on preparing 3D models, operating several types of AM systems, and post processing finished parts. Students apply "Design for AM" principles to adapt

## MFGEN 574 - Advanced Tool Design

### Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
574

**Teaching Area**
MFGEN

**Course Title**
Advanced Tool Design

**Course Description**
Advanced design of net-shape products utilizing CAD and CAE methods. Plastic injection mold design and construction. Rapid prototyping and injection molding project.

**Department**
Manufacturing Engineering

**When Taught**

existing part designs for AM and design new products that capitalize on the possibilities only available through AM.

**Department**
Manufacturing Engineering

**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 272 - Engineering Graphics--Principles and Applications

**Additional Comments:**

**Recommended**
ME EN 250 - Science of Engineering Materials

| Title | Tags |
| --- | --- |
| Additive Manufacturing Processes | 212256, 0, 1 |

**Learning Outcome**
Students will understand the seven categories of additive manufacturing processes, their basic physics, and tradeoffs in key criteria such as resolution, material compatibility, build rates, and properties.

| Title | Tags |
| --- | --- |
| Experiential Learning | 212257, 0, 2 |

**Learning Outcome**
Students will demonstrate proficiency in printing parts with one or more types of additive manufacturing processes

Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MFGEN 431 - Tool Design

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Design | 181087, 0 |

**Learning Outcome**
Students will understand and be able to apply appropriate design principles in the creation of manufacturing tooling.

manufacturing processes including setup, operation, part removal and post processing.

| Title | Tags |
| --- | --- |
| Design for AM | 212258, 0, 3 |

**Learning Outcome**
Students will apply knowledge of AM process categories and general design guidelines to generate designs that leverage process strengths and minimize process limitations.

## MFGEN 575 - Packaging Technologies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFGEN | 575 |

**Teaching Area**
MFGEN
**Course Title**
Packaging Technologies
**Course Description**
Fundamentals of packaging technologies; materials, design and processes. Understanding of the importance and role of packaging in the manufacturing and product environment. Combined instruction and hands-on project application of the various aspects of packaging materials, design, and processes through individual and team assignments, written reports, and oral presentations.
**Department**
Manufacturing Engineering
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
MFG 220, 230, 355

## MFGEN 580 - Manufacturing Simulation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFGEN | 580 |

**Teaching Area**
MFGEN
**Course Title**
Manufacturing Simulation
**Course Description**
Design and optimization of manufacturing systems using simulation. Simulation languages and modeling methodology.
**Department**
Manufacturing Engineering
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Input Data Analysis | 181050, 2 |

**Learning Outcome**
Be able to collect and analyze input data for use in a simulation study

| Title | Tags |
| --- | --- |
| Packing Technologies | 181363, 1 |

**Learning Outcome**
By the end of this course students will be more experienced with the various packing technologies used in the current industry.

study

| Title | Tags |
| --- | --- |
| Simulation project management | 181066, 1 |

**Learning Outcome**
Know how to plan and conduct a simulation study

| Title | Tags |
| --- | --- |
| Mfg Metrics and Drivers | 181086, 0 |

**Learning Outcome**
Understand key manufacturing system performance metrics and associated drivers

| Title | Tags |
| --- | --- |
| Simulation Presentation | 181174, 6 |

**Learning Outcome**
Be able to present a simulation study and make a compelling recommendation

| Title | Tags |
| --- | --- |
| Output Analysis | 181192, 5 |

**Learning Outcome**
Be able to analyze simulation output and draw appropriate conclusions

| Title | Tags |
| --- | --- |
| Simulation experimentation | 181220, 4 |

**Learning Outcome**
Be able to design and conduct simulation experiments

| Title | Tags |
| --- | --- |
| Simulation Modeling | 181233, 3 |

**Learning Outcome**
Be able to construct an accurate computer model of a manufacturing system

## MFGEN 590R - Special Topics in Manufacturing Engineering

### Course Information

**Teaching Area (new)**
MFGEN

**Course Number**
590R

**Teaching Area**
MFGEN

**Course Title**
Special Topics in Manufacturing Engineering

**Course Description**
Students will develop an understanding of a timely topic in manufacturing engineering.

**Department**
Manufacturing Engineering

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
0.5

#### Lab Hours

**Fixed**
0

**Recommended**
Per recommendations of the faculty member teaching the course

## MFHD 501R - Workshop in Marriage, Family, and Human Development.

### Course Information

**Teaching Area (new)**
MFHD

**Course Number**
501R

**Teaching Area**
MFHD

**Course Title**
Workshop in Marriage, Family, and Human Development.

**Course Description**
Intensive study in applying principles of specified family sciences, subject matter in early childhood education, child development, family relationships, family resource management, or marriage/family therapy.

**Department**
Family Life

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
8 hours in the School of Family Life or the School's Director's consent

**Title**
MFHD Workshop

**Tags**
182417, 1

**Learning Outcome**
Students will participate in a workshop related to topics in Marriage, Family, & Human Development.

## MFHD 511 - Familial Influences on Children's Social Development.

### Course Information

**Teaching Area (new)**
MFHD

**Course Number**
511

## MFHD 512 - Emotional and Moral Development

### Course Information

**Teaching Area (new)**
MFHD

**Course Number**
512

**Teaching Area**
MFHD
**Course Title**
Familial Influences on Children's Social Development.
**Course Description**
Current theories and research on social development, peer relations, and behavior. Familial/parenting effects as moderated by beliefs, genetics, gender, social cognitions, culture, child guidance, interventions.
**Department**
Family Life
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
SFL 331 or higher

| Title | Tags |
|---|---|
| Theory Understanding | 182330, 0 |

**Learning Outcome**
· Increase your knowledge of normal, age-related behavior of children, particularly with regard to peer relations (i.e. acceptance and friendship).· Increase your knowledge of multi-cultural environmental differences.· Increased your perspective of how to create effective parent-child, teacher-child, and teacher-parent environments for promoting social competence in children.

| Title | Tags |
|---|---|
| Research Analysis | 182331, 2 |

**Learning Outcome**
· Develop a theoretical base for integration of discipline techniques and child guidance practices.

**Teaching Area**
MFHD
**Course Title**
Emotional and Moral Development
**Course Description**
Research, theories, and educational implications; preschool through adulthood.
**Department**
Family Life
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| Knowledge | 182420, 1 |

**Learning Outcome**
Students will deepen their understanding of emotional and moral development.

| Title | Tags |
| --- | --- |
| Research Analysis | 182333, 1 |

**Learning Outcome**

· Develop a better understanding of research methods specific to this area of research.

## MFHD 513 - Applied Statistics in the Social Sciences

### Course Information

**Teaching Area (new)**
MFHD
**Course Number**
513
**Teaching Area**
MFHD
**Course Title**
Applied Statistics in the Social Sciences
**Course Description**
This course applies statistical principles to social science problems by utilizing the basics of statistical software in developing and testing research questions as well as conducting univariate and multivariate statistics such as t-tests, ANOVAs, and regression models.
**Department**
Family Life
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 290 - Critical Inquiry and Research Methods

## MFHD 514 - Theories of Human Development and Family Science

### Course Information

**Teaching Area (new)**
MFHD
**Course Number**
514
**Teaching Area**
MFHD
**Course Title**
Theories of Human Development and Family Science
**Course Description**
Models and concepts in dominant contemporary developmental and family science theories.
**Department**
Family Life
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
SFL 210, SFL 160, SFL 336, SFL 490

| Title | Tags |
| --- | --- |
| Course Objectives | 182439, 1 |

**Learning Outcome**

To increase students' understanding of current theoretical frameworks

influencing family scholarship.
To sensitize students to the contextual issues that shape current family theory.
To increase students' ability to evaluate family theory, including awareness of presuppositions and values underlying family theories and research.
To increase students' understanding of the implicit and explicit ways that theory shapes family research.
To increase students' ability to use and create family theories.

**Additional Comments:**

**Recommended**
Upper-division SFL course

| Title | Tags |
|---|---|
| Theory and Research | 182428, 1 |

**Learning Outcome**
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literture for a topic of interest in marriage, family, and human development.

| Title | Tags |
|---|---|
| Learning Data Management | 182429, 2 |

**Learning Outcome**
Students will learn the basics of entering, cleaning, and manipulating data in SPSS.

| Title | Tags |
|---|---|
| Learning Sampling | 182430, 3 |

**Learning Outcome**
Students will learn the importance of adequate sampling methods in social science research as well as the common forms of bias that such sampling can create.

| Title | Tags |
|---|---|
| Learning Measurement Design | 182431, 4 |

**Learning Outcome**
Students will learn the basics of item/scale creation as well as how social scientists create measurement and operationalize constructs.

| Title | Tags |
|---|---|
| Learning Applied Statistics | 182432, 5 |

**Learning Outcome**
Students will learn how to run, interpret, and write about a variety of basic applied statistical techniques including t-tests, ANOVAs, regression, factor analysis, and cluster analysis.

| Title | Tags |
| --- | --- |
| Learning to Write-up Research | 182433, 6 |

**Learning Outcome**
Students will learn how to write research results in APA formatting.

| Title | Tags |
| --- | --- |
| Learning the Reserach Process | 182434, 7 |

**Learning Outcome**
Students will continue to develop their understanding of the research process and will understand how scholars go from a research question to a completed and published research article.

## MFHD 542 - Work and Family

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFHD | 542 |

**Teaching Area**
MFHD
**Course Title**
Work and Family
**Course Description**
Introduction to contemporary work/family issues. Framework for helping parents and managers deal effectively with work/family issues at work and home.
**Department**
Family Life
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MFHD 550 - (MFHD-Soc) Contemporary Family Theories

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MFHD | 550 |

**Teaching Area**
MFHD
**Course Title**
(MFHD-Soc) Contemporary Family Theories
**Course Description**
Introduction to basic micro, macro, and processual approaches to study of the family; social and political theory on the family; philosophical issues and assumptions underlying family theory, research, and practice.
**Department**
Family Life
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

| Title | Tags |
| --- | --- |
| Research Analysis and Reporting | 182323, 2 |

**Learning Outcome**
Create scholarly work-family products (submission to scholarly conference/journal.Prepare and present a research-based work and family presentation.

| Title | Tags |
| --- | --- |
| MFHD Fundamentals | 182329, 0 |

**Learning Outcome**
· Synthesize and understand possible career trajectories for work-family scholars in academia, business and government. · Make use of expert resources to complete a complicated project.

| Title | Tags |
| --- | --- |
| Research Skills | 182360, 1 |

**Learning Outcome**
Critique scholarly work-family research.Be comfortable using a variety of tools to find work-family research.

Fixed
0

**Other Prerequisites**
SFL 451, Soc 310, 311; or equivalents

| Title | Tags |
| --- | --- |
| knowledge | 182421, 1 |

**Learning Outcome**
Students will deepen their understanding of contemporary family theories.

## MFHD 551 - Fathering: Scholarship and Intervention

### Course Information

**Teaching Area (new)**
MFHD

**Course Number**
551

**Teaching Area**
MFHD

**Course Title**
Fathering: Scholarship and Intervention

**Course Description**
Quality fathering across cultures and in varied family circumstances. Historical changes in fathering; challenges to good fathering; effective interventions with fathers.

**Department**
Family Life

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags | Learning Outcome |
|---|---|---|
| Knowledge | 182426, 1 | Students will read, evaluate, and critique the empirical literature on fathering |

## MFHD 566 - Family Life Education in the University

### Course Information

**Teaching Area (new)**
MFHD

**Course Number**
566

**Teaching Area**
MFHD

**Course Title**
Family Life Education in the University

**Course Description**
Delivering family life education in university settings. Working with a faculty mentor, making presentations, and preparing basic instructional materials.

**Department**
Family Life

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags | Learning Outcome |
|---|---|---|
| Family Life Education in the University | 182440, 1 | This course is currently not being taught and is under evaluation for deletion. |

## MFHD 567R - Practicum in Family Life Education

### Course Information

**Teaching Area (new)**
MFHD

**Course Number**
567R

**Teaching Area**
MFHD

**Course Title**
Practicum in Family Life Education

**Course Description**
Supervised experience teaching family living courses in a university setting.

**Department**
Family Life

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
MFHD 566 or instructor's consent

| Title | Tags |
|---|---|
| Application | 182422, 1 |

**Learning Outcome**
The students will utilize a significant range of skills and abilities in a professional setting

## MFHD 595R - Special Topics in Marriage, Family, and Human Development

### Course Information

**Teaching Area (new)**
MFHD

**Course Number**
595R

**Teaching Area**
MFHD

**Course Title**
Special Topics in Marriage, Family, and Human Development

**Course Description**
Individual study for qualified students.

**Department**
Family Life

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Marriage and family therapy major status; instructor's consent

| Title | Tags |
|---|---|
| Theory and Research | 182372, 0 |

**Learning Outcome**
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literature for a topic of interest in marriage, family, and human development.

## MFHD 595R - Outreach in Family

### Course Information

**Teaching Area (new)**
MFHD
**Course Number**
595R
**Teaching Area**
MFHD
**Course Title**
Outreach in Family
**Department**
Family Life
**When Taught**
Contact Department

#### Credit Hours

**Min**
1
**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Marriage and family therapy major status; instructor's consent

**Title**
Theory and Research
**Tags**
182304, 0

**Learning Outcome**
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literature for a topic of interest in marriage, family, and human development.

## MFT 501R - Workshop in Marriage and Family Therapy

### Course Information

**Teaching Area (new)**
MFT
**Course Number**
501R
**Teaching Area**
MFT
**Course Title**
Workshop in Marriage and Family Therapy
**Course Description**
Training in delivery of and research about psychoeducational programs for couples and families.
**Department**
Family Life
**When Taught**
Contact Department

#### Credit Hours

**Min**
1
**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Title**
Workshop in Marriage and Family Therapy
**Tags**
182361, 0

**Learning Outcome**
Apply and research about psychoeducational programs for couples and families to psychotherapy.

## MFT 590R - Readings in Marriage and Family Therapy

### Course Information

**Teaching Area (new)**
MFT

**Course Number**
590R

**Teaching Area**
MFT

**Course Title**
Readings in Marriage and Family Therapy

**Course Description**
Discussions and reports of current readings.

**Department**
Family Life

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Title**
In Process

**Tags**
182406, 1

**Learning Outcome**
This course is not being taught currently and the program/department is evaluating whether or not to delete it from the curriculum.

## MFT 595R - Special Topics in Marriage and Family Therapy

### Course Information

**Teaching Area (new)**
MFT

**Course Number**
595R

**Teaching Area**
MFT

**Course Title**
Special Topics in Marriage and Family Therapy

**Course Description**
Individual study for qualified students.

**Department**
Family Life

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Marriage and family therapy major status; instructor's consent

**Title**
In Process

**Tags**
182407, 1

**Learning Outcome**
This course is not being taught currently and the program/department is evaluating whether or not to delete it from the curriculum.

## MIL S 120 - Leadership and Personal Development

### Course Information

**Teaching Area (new)**
MIL S

**Course Number**
120

**Teaching Area**
MIL S

## MIL S 121 - Introduction to Tactical Leadership

### Course Information

**Teaching Area (new)**
MIL S

**Course Number**
121

**Teaching Area**
MIL S

**Course Title**
Leadership and Personal Development
**Course Description**
Developing comprehension of Army leadership dimensions, focusing on critical thinking, time management, and fitness. Introduction to the corps of cadets; building courage and self-confidence. Lab included.
**Department**
Military Science
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
3

**Title**
Accepts sacrifices required as a servant of the nation

**Tags**
41308, 7

**Learning Outcome**
O7 – Roles of NCOs OsCan discuss critically the role of the Army officer as trainer and leaderWritten book review on an Army officer of their choice, highlighting both good and bad leadership traits Cadets must score 80% or higher on the book review, which will be read and graded by their instructor Cadets who fail to achieve the standard will receive their graded book review back and be asked to rewrite itO8 – Roles of NCOs OsAccepts sacrifices required as a servant to the nation

**Title**
Understand the roles and capabilities of a brigade combat te

**Tags**
41315, 4

**Learning Outcome**
O5 – Tactical Problem SolverUnderstands the roles and capabilities of a brigade combat team in combatIn-class quiz on

**Course Title**
Introduction to Tactical Leadership
**Course Description**
Leadership fundamentals; setting direction, problem solving, listening, presentation skills, and providing feedback. Integration into the corps of cadets through tactical field training. Lab included.
**Department**
Military Science
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
3

**Title**
Can analyze a tactical situation and explain its essential p

**Tags**
41292, 4

**Learning Outcome**
O5 – Tactical Problem SolverCan analyze a tactical situation and explain its essential points in own wordsCadets will participate in tactics briefings and be asked to answer questions that demonstrate their knowledgeCadets must be able to properly answer basic check-on-learning questions on the current operation/s at LabCadets demonstrate a lack of understanding will receive one on one as well as group retraining at Lab

**Title**
Understands his oath of office & its basis in the constituti

**Tags**
41294, 6

**Learning Outcome**
O7 – Roles of NCOs OsUnderstands his oath of office & its basis in the constitutionAfter in-class instruction, Cadets will take a quiz on the Army Oath of Office

team in combath-class quiz on small team organization and proper movement techniques as well as practical app during LABCadets must score 80% or higher and physically demonstrate moving as part of a team during LABCadets who fail to achieve the standard will be counselled and retested at LAB by their peers and Cadet mentors/ evaluators

| Title | Tags |
| --- | --- |
| Communicates plans effectively | 41324, 5 |

**Learning Outcome**
O6 – Tactical Problem SolverCommunicates plans effectivelyCadets will each get to brief an operational plan/ order in-class and be evaluated by their peersCadets must score 80% or higherCadets who score below 80% will receive counselling and receive a second chance to brief

| Title | Tags |
| --- | --- |
| Proficient at Land Navigation | 41332, 0 |

**Learning Outcome**
O1 – Individual ProficiencyProficient at Land NavigationIn-Class Land Navigation Quiz and a practical exercise (graded) during LabCadets must score 80% or higher on the quiz and find at least 75% of the Land Nav points at LabCadets who fail to achieve the standards will be partnered up with more proficient Cadets and be retested during our FTX

| Title | Tags |
| --- | --- |
| Lives the Army Values | 41333, 10 |

**Learning Outcome**
O11 – CharacterLives the Army ValuesWill write a comparative essay on one of their personal heroes and how they demonstrated the Army ValuesCadets must score 80% on their essay, which will be read, marked up and returned to them by their instructorCadets who fail to achieve the standard will be asked to rewrite their essay and resubmit it to their instructor

quiz on the Army Oath of Office and the Constitution.Cadets must score 80% or higher on the quizCadets who fail to meet the standard will receive retraining and be asked to reread the Constitution/ Army Oath of Office.

| Title | Tags |
| --- | --- |
| Committed to physical fitness | 41296, 9 |

**Learning Outcome**
O10 – CharacterCommitted to physical fitnessCadets will be asked to sign up for and participate in early morning PT three times each week and receive 2 Army Physical Fitness TestsCadets must score a minimum of 70 points in each even on the APFTCadets who fail to achieve the standard on the first APFT will be counselled individually and asked to join remedial PT held every Tuesday and Thursday morning

| Title | Tags |
| --- | --- |
| Exercises initiative within the commander's intent | 41301, 7 |

**Learning Outcome**
O8 – LeadershipExercises initiative within the commander’s intentCadets will be given opportunities & encouraged to show initiative during tactical operations at LabsCadets must demonstrate free will and the courage to take initiative as a member of a teamCadets who consistently do the bare minimum of what they are told will be counselled by on-site faculty and Cadet leadership

| Title | Tags |
| --- | --- |
| Demonstrate Effective Leadership | 41310, 0 |

**Learning Outcome**
Demonstrate lessons learned in class to basic Team Leader roles in a Lab EnvironmentAs a Team Leader, show working knowledge of Basic Army Leadership traits

**Title**
Knows enough about Army

| Title | Tags |
| --- | --- |
| Proficient at maintaining self and equipment in the field | 41348, 1 |

**Learning Outcome**
O2 – Individual ProficiencyProficient at maintaining self and equipment in the fieldWeekly pre-lab inspection of equipment and self, conducted by peersDeficiencies will be identified and reported up the chain of commandDeficient Cadets will be counselled by peer and faculty

| Title | Tags |
| --- | --- |
| Judged by subordinates as capable, confident and trustworthy | 41349, 9 |

**Learning Outcome**
O10 - LeadershipJudged by subordinates as capable, confident and trustworthyCadets will conduct written peer evaluations on each other as part of their midterm and final examsCadets must receive an overall peer evaluation rating of 70% or higherCadets who fail to reach 70% will be counselled by their MS instructor and plan a course of action for the rest of the semester

| Title | Tags |
| --- | --- |
| Demonstrate Resilience | 41352, 11 |

**Learning Outcome**
O12 – CharacterDemonstrate ResilienceCadets will conduct a multi-day Field Training Exercise during which they will asked to conduct graded tactical operations on little or no sleep and in austere mountainous conditionsCadets must demonstrate the ability to stay positive, work as a member of a team and complete (or at least attempt) each task or mission despite poor eating and sleeping conditionsCadets who fail to demonstrate resilience during training will be counselled and asked to continue training with a new perspective. If they refuse to complete training they will not get full credit for the FTX

| Title | Tags |
| --- | --- |
| Branches to make informed decision a | 41323, 5 |

**Learning Outcome**
O6 – Roles of NCSs OsKnows enough about Army Branches to make informed decision about which to joinCadets will be asked to select their top 3 branches after in-class instruction & ½ a lab devoted to Army Branch Orientation.Cadets must hand in a 1 page paper on how and why they chose their top three Army BranchesCadets who fail to turn in their paper will be counselled. Cadets with additional questions on branches will have the opportunity to meet various branch officers

| Title | Tags |
| --- | --- |
| Demonstrates Basic Skills in Tactics and Techniques | 41341, 4 |

**Learning Outcome**
Show a working knowledge of basic Terrain Analysis and how it applies to battlefield environmentsUnderstand the basic format of the Army's 8 step training model and how they are infused in that process

| Title | Tags |
| --- | --- |
| Officership | 41356, 3 |

**Learning Outcome**
Show working knowledge of Army Customs and Courtesies by correctly wearing the Army battle and dress uniforms, speaking to senior officers and NCOs, and attending the Army Ball adhering to all rules and regulations set forth

| Title | Tags |
| --- | --- |
| Moving tactically under fire | 41358, 1 |

**Learning Outcome**
O2 – Individual ProficiencyMoving tactically under fireIn-class quiz on individual movement tactics as well as tactical operations practice during weekly labsCadets must score 80% or higher on the quiz and will need to react properly during tactics lab or risk being “shot”Cadets who fail to achieve the standards

Title
Understand, can explain and takes proper actions on contact

Tags
41366, 3

Learning Outcome
O4 – Member of a TeamUnderstands, can explain and takes proper actions on contactIn-class quiz on actions on contact as well as tactical operations during weekly labs that will require reacting to direct and indirect enemy contactCadets must score 80% or higher on the quiz and will need to react properly during tactics lab or risk being “shot” by the enemyCadets who fail to achieve the standards will receive one on one training by their Cadets peers and or their Cadet mentors

Title
Subordinates self-interest to the needs of the team

Tags
41367, 2

Learning Outcome
O3 – Member of a TeamSubordinates self-interest to the needs of the teamCadets will be put into tactical situations weekly enabling leadership to identify selfless service to othersCadets displaying selfless service (aka putting needs of others above their own) will be recognized during the AARsCadets who are observed showing signs of only caring about themselves will be counselled by faculty

Title
Can discuss critically the role of the Army officer as train

Tags
41397, 6

Learning Outcome
O7 – Roles of NCOs OsCan discuss critically the role of the Army officer as trainer and leaderWritten book review on an Army officer of their choice, highlighting both good and bad leadership traits Cadets must score 80% or higher on the book review, which will be read and graded by their instructor Cadets who fail to achieve the standard will receive their graded book review back and be asked to rewrite it

who fail to achieve the standards will receive one on one training by their Cadets peers and or their Cadet mentors

Title
Understands, can explain & executes the fundamentals of loca

Tags
41370, 3

Learning Outcome
O4 – Member of a TeamUnderstands, can explain, & executes the fundamentals of local securityCadets will be instructed at Lab on proper techniques and conduct local security operations weeklyCadets must show a basic understanding of local security principles and take security seriouslyCadets who repeatedly fail to practice or take security seriously will be counselled and retrained by on-site faculty & CDT mentors

Title
Demonstrates Personal Professional Development

Tags
41379, 2

Learning Outcome
Prepare a discussion paper through research of an Army Officer in history who held and displayed values one would like to emulateDemonstrate a dedication to personal professional development through writing a self-critiquing journal based on one's leadership sucesses and failures

Title
Battlefield lifesaving skills

Tags
41388, 0

Learning Outcome
O1 – Individual ProficiencyBattlefield lifesaving skillsIn-class First Aid quiz and practical exercises during weekly tactics LabsCadets must score 80% or higher on quiz & demonstrate proficiency as a member of an Aid & Litter team during LabCadets who fail to achieve the standard will receive retraining and be retested as well as be partnered with others at Lab

| Title | Tags |
| --- | --- |
| Leads by example | 41398, 8 |

**Learning Outcome**
O9 – LeadershipLeads by exampleCadets will receive leadership opportunities and be observed weekly during tactics Lab and recognized during After Action ReviewsCadets must demonstrate basic leadership skills while working as a member of a team, squad or platoonCadets who fail to lead in positive ways will be counselled by their Cadet evaluators and on-scene faculty members

| Title | Tags |
| --- | --- |
| Performs successfully under stress | 41390, 10 |

**Learning Outcome**
O11 – CharacterPerforms successfully under stressCadets will conduct a multi-day Field Training Exercise during which they will be asked to conduct graded tactical operations on little or no sleep and in austere mountainous conditionsCadets must demonstrate the ability to stay positive, work as a member of a team and complete (or at least attempt) each task or mission despite poor eating and sleeping conditionsCadets who fail to demonstrate resilience during training will be counselled and asked to continue training with a new perspective. If they refuse to complete training they will not get full credit for the FTX

| Title | Tags |
| --- | --- |
| Understands & explain impact of losing individuals in the un | 41393, 8 |

**Learning Outcome**
O9 - LeadershipUnderstands & can explain impact of losing individuals in the unit due to injury/ deathCadets will experience first- hand the impact “losing” a Soldier during tactical operations at LabCadets must demonstrate the ability to properly deal with loss during combat and take the proper actionsCadets do not react properly will be identified and be retrained at lab by on-site faculty and the Cadet leadership

| Title | Tags |
| --- | --- |
| Proficient at entering and clearing a room with a team | 41403, 2 |

**Learning Outcome**
O3 – Member of a TeamProficient at entering and clearing a room with a teamCadets will be instructed on proper techniques at Lab and then be tested with their teamCadets must demonstrate proficiency during the practical exercise at LabCadets who fail to meet the standard will be retrained at Lab and be retested that same day

| Title | Tags |
| --- | --- |
| Demonstrates Understanding & Application of Army Values & Et | 41407, 1 |

**Learning Outcome**
Demonstrate a working knowledge of the Army's Programs on Equal Opportunity (EO), Prevention of Sexual Harassment (POSH), and Sexual Assault Prevention and Response (SAPR)

## MIL S 143R - Physical Training - Army ROTC

### Course Information

**Teaching Area (new)**
MIL S

**Course Number**
143R

**Teaching Area**
MIL S

**Course Title**
Physical Training - Army ROTC

**Course Description**
Physical training course for Army ROTC members only.

**Department**
Military Science

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Other Prerequisites**
For Army ROTC students only.

## MIL S 220 - Innovative Team Leadership

### Course Information

**Teaching Area (new)**
MIL S

**Course Number**
220

**Teaching Area**
MIL S

**Course Title**
Innovative Team Leadership

**Course Description**
Creative leadership strategies and styles; team dynamics; leadership theory; the Army leadership framework. Includes basics of land navigation and squad tactics. Lab included.

**Department**
Military Science

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Understands, can explain and executes the fundamentals of lo | 41289, 6 |

**Learning Outcome**
Outcome 7- Member of a

TeamUnderstands, can explain, and executes the fundamentals of local security.CDT will receive briefings on providing local security and will do practical application during labsCDT will effectively provide local security.Additional training will be provided through the semester during labs.

| Title | Tags |
| --- | --- |
| Tactics and Techniques | 41295, 4 |

**Learning Outcome**
Practice and demonstrate land navigation techniquesExplain the six problem solving stepsList and know the eight troop leading procedures

| Title | Tags |
| --- | --- |
| Lives the Army Values | 41303, 9 |

**Learning Outcome**
Outcome 11-CharacterLives the Army ValuesCDT will be continually assessed on living his life in accordance with the Army Values which are: Loyalty, Duty, Respect, Selfless Service, Honor, Integrity, and Personal CourageCDT realizes that Army values are not just what is done while on “Army Time” but a code in which you live your lifeAdditional counseling as needed.  Cadet me be removed from the program for “serious” infractions of these values

| Title | Tags |
| --- | --- |
| Values and Ethics | 41305, 1 |

**Learning Outcome**
Explain the historical basis of Army valuesIllustrate the four tenets of the Warrior Ethos

| Title | Tags |
| --- | --- |
| Understands, can explain, and executes the fundamentals of p | 41336, 5 |

**Learning Outcome**
Outcome 6- Member of a TeamUnderstands, can explain, and executes the fundamentals of a patrollingCDT will be briefed on patrolling and will be a member of a small unit team

that will conduct patrolling during labs.CDT will effectively conduct patrolling.Additional training will be provided through the semester during labs.

**Title**
Understand the roles of officers and NCOs in the Army

**Tags**
41338, 7

**Learning Outcome**
Outcome 9- Understand the roles of officers and NCOs in the ArmyCan discuss critically the role of the Army officer as trainer and leader.CDT will receive briefings and shown through multimedia the role of the Army Officer.CDT will demonstrate through quiz and testing to recognize the role of the Army officer in various scenarios.Additional training as required.

**Title**
Willingly subordinates self-interest to the needs of the tea

**Tags**
41346, 4

**Learning Outcome**
Outcome 5 – Member of a TeamWillingly subordinates self-interest to the needs of the team.Cadets will be put into tactical situations weekly enabling leadership to identify selfless service to othersCadets displaying selfless service (aka putting needs of others above their own) will be recognized during the AARsCadets who are observed showing signs of only caring about themselves will be counselled by faculty

**Title**
Communicates effectively

**Tags**
41359, 8

**Learning Outcome**
Outcome 10- LeadershipCommunicates effectively.CDT will receive briefings and shown through multimedia various means of communicating in a military environment.CDT will demonstrate proficiency in military writing and briefings through various writing assignments and

briefings.Additional training as required.

| Title | Tags |
| --- | --- |
| Familiar with moving tactically while under fire | 41368, 1 |

**Learning Outcome**
Outcome 2 – Individual ProficiencyFamiliar with moving tactically while under fireCadets will be briefed on tactical movement techniques and be members of small unit teams that execute tactical movements.CDTs will be able to follow basic instructions from their small unit leaders.CDTs will receive guidance and additional training turning lab periods.

| Title | Tags |
| --- | --- |
| Leadership | 41377, 0 |

**Learning Outcome**
Recall and describe the three stages of team developmentIllustrate significant traits and behaviors of historical military leaders

| Title | Tags |
| --- | --- |
| Proficient at maintaining self and equipment in a field envi | 41384, 3 |

**Learning Outcome**
Outcome 4 – Individual ProficiencyProficient at maintaining self and equipment in a field environmentWeekly pre-lab inspection of equipment and self, conducted by peersDeficiencies will be identified and reported up the chain of commandDeficient Cadets will be counselled by peer and faculty

| Title | Tags |
| --- | --- |
| Personal Development | 41386, 2 |

**Learning Outcome**
Deliver a formal information briefingList the types and elements of interpersonal communication

| Title | Tags |
| --- | --- |

| Officership | 41391, 3 |
|---|---|

**Learning Outcome**
Distinguish and Describe rank, structure, duties, and traditionsExplain the nine Principles of War

| Title | Tags |
|---|---|
| Familiar with land navigation | 41394, 0 |

**Learning Outcome**
Outcome 1 – Individual ProficiencyFamiliar with land NavigationOnline interactive program and quiz and a practical exercise (graded) during LabCadets must score 80% or higher on the quiz and find at least 75% of the Land Nav points at LabCadets who fail to achieve the standards will be partnered up with more proficient Cadets and be retested during our FTX

| Title | Tags |
|---|---|
| Physically ready to handle the rigors of combat | 41406, 2 |

**Learning Outcome**
Outcome 3 – Individual ProficiencyPhysically ready to handle the rigors of combatCDTs will perform physical fitness training three times weekly throughout the semester and participate in a 48 hour field training exercise.Each CDT will score a minimum of 60 points in each PT event.Those failing to meet these standards will conduct remedial PT an additional two times per week.

## MIL S 221 - Foundations of Tactical Leadership

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MIL S | 221 |

**Teaching Area**
MIL S
**Course Title**
Foundations of Tactical Leadership
**Course Description**
Challenges of leading tactical teams in contemporary operations environment of the U.S. Army, focusing on Army Orders process, terrain analysis, and adaptive leadership. Lab included.
**Department**

## MIL S 320 - Adaptive Team Leadership

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MIL S | 320 |

**Teaching Area**
MIL S
**Course Title**
Adaptive Team Leadership
**Course Description**
Adaptive leadership skills; demands of leadership in tactical and garrison situations. Cadets have multiple opportunities to lead one another and receive feedback on leadership abilities. Lab included.
**Department**
Military Science

Department
Military Science
When Taught
Winter

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
3

| Title | Tags |
| --- | --- |
| Can discuss critically the role of the Army officer as train | 41298, 6 |

Learning Outcome
O7 – Roles of NCOs OsCan discuss critically the role of the Army officer as trainer and leaderWritten book review on an Army officer of their choice, highlighting both good and bad leadership traits Cadets must score 80% or higher on the book review, which will be read and graded by their instructor Cadets who fail to achieve the standard will receive their graded book review back and be asked to rewrite it

| Title | Tags |
| --- | --- |
| Tactics and Techniques | 41300, 4 |

Learning Outcome
Distinguish between the different types of Army plans and ordersDemonstrate terrain analysis and route planning skillsExplain and remember the five-paragraph format for an operations orderDescribe the characteristics and techniques of defensive operationsExplain how squads and platoons plan for and conduct patrolsList and describe the five aspects of military terrain using (OAKOC)Interpret and formulate an operation order

When Taught
Fall

## Credit Hours

Min
4

Fixed
4

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
3

| Title | Tags |
| --- | --- |
| Understands the roles of officers and NCOs in the Army | 41304, 2 |

Learning Outcome
Outcome 3 – Understands the roles of officers and NCOs in the ArmyKnows enough about the various branches to make an informed decision when selecting oneEach CDT will choose a branch and research, then present a five minute “Military Information Brief” on what they learned about the branch they chose to the other CDTs in the classCDTs overall understand most Army branches, particularly those that were of initial interest to themNo change

| Title | Tags |
| --- | --- |
| Demonstrates Self Confidence | 41312, 9 |

Learning Outcome
Outcome 10-CharacterDemonstrates Self ConfidenceCDT will have multiple opportunities during leadership labs and class work in which he/she can project self-confidenceCDTs will demonstrate more confidence as the semester goes on and they have an opportunity to be placed in leadership roles in a myriad of different situationsAdditional one on one counseling as necessary

| Title | Tags |
| --- | --- |
| Accepts sacrifices required as a servant to the nation | 41309, 7 |

**Learning Outcome**
O7 – Roles of NCOs OsCan discuss critically the role of the Army officer as trainer and leaderWritten book review on an Army officer of their choice, highlighting both good and bad leadership traits Cadets must score 80% or higher on the book review, which will be read and graded by their instructor Cadets who fail to achieve the standard will receive their graded book review back and be asked to rewrite itO8 – Roles of NCOs OsAccepts sacrifices required as a servant to the nation

| Title | Tags |
| --- | --- |
| Officership | 41322, 3 |

**Learning Outcome**
Describe the history of terrorism and the basic US antiterrorism policyExplain and state the relationship between leadership, values, and officership

| Title | Tags |
| --- | --- |
| Judged by subordinates as capable, confident and trustworthy | 41335, 9 |

**Learning Outcome**
O10 - LeadershipJudged by subordinates as capable, confident and trustworthyCadets will conduct written peer evaluations on each other as part of their midterm and final examsCadets must receive an overall peer evaluation rating of 70% or higherCadets who fail to reach 70% will be counselled by their MS instructor and plan a course of action for the rest of the semester

| Title | Tags |
| --- | --- |
| Familiar with land navigation | 41337, 0 |

**Learning Outcome**
Outcome 1 – Individual ProficiencyFamiliar with land NavigationOnline interactive

| Title | Tags |
| --- | --- |
| Leads by example | 41313, 3 |

**Learning Outcome**
Outcome 4 – LeadershipLeads by exampleWill have multiple opportunities to lead junior CDTs as well as peers both during leadership lab and other eventsCDT realizes that setting the example in what they do and how they conduct themselves has a larger impact on their ability to lead rather than by simply giving guidance to othersThis will be continually reinforced throughout the school year, no change needed

| Title | Tags |
| --- | --- |
| Proficient at land navigation | 41321, 10 |

**Learning Outcome**
Outcome 11- Individual ProficiencyProficient at land navigationCDT will be given multiple opportunities to conduct land navigation at local coursesCDT will demonstrate proficiency at land navigation by the end of the semester in both day and night time conditionsAdditional volunteer land navigation courses will be offered that CDTs who are lacking at this skill will be strongly encouraged to attend

| Title | Tags |
| --- | --- |
| Willingly subordinates self-interest to the needs of the tea | 41326, 0 |

**Learning Outcome**
Outcome 1 – Member of a TeamWillingly subordinates self-interest to the needs of the teamCadet will have to spend several hours outside of the classroom to ensure that junior Cadets are prepared for leadership labs and various other ROTC functionsCDTs understand that he must put the needs of his Squad/Platoon before the needs of himself/herself to ensure overall mission successContinued evaluation and feedback during practical exercises in field as well as “garrison operations”

Navigation Online interactive program and quiz and a practical exercise (graded) during LabCadets must score 80% or higher on the quiz and find at least 75% of the Land Nav points at LabCadets who fail to achieve the standards will be partnered up with more proficient Cadets and be retested during our FTX

**Title**
Understand the roles and capabilities of a brigade combat te

**Tags**
41343, 4

**Learning Outcome**
O5 – Tactical Problem SolverUnderstands the roles and capabilities of a brigade combat team in combatIn-class quiz on small team organization and proper movement techniques as well as practical app during LABCadets must score 80% or higher and physically demonstrate moving as part of a team during LABCadets who fail to achieve the standard will be counselled and retested at LAB by their peers and Cadet mentors/ evaluators

**Title**
Solve tactical problems using principles that underlie doctr

**Tags**
41350, 1

**Learning Outcome**
Outcome 2 – Tactical Problem SolverSolve tactical problems using principles that underlie doctrine and war fightingQuizzes and multiple tactical problems at leadership labsCDT utilizes proper Army doctrine for several different tactical problems that he/she will faceCDT will receive feedback after every lab and proper techniques as well as errors will be highlighted

**Title**
Leads by example

**Tags**
41355, 8

**Learning Outcome**
O9 – LeadershipLeads by exampleCadets will receive leadership opportunities and be observed weekly during tactics Lab and recognized during After Action ReviewsCadets must demonstrate basic leadership

**Title**
Proficient with tactical communications

**Tags**
41327, 11

**Learning Outcome**
Outcome 12- Individual ProficiencyProficient with tactical communicationsCDT will communicate via radio to higher level leadership with various military reports in a tactical situationCDT will follow proper formatting of tactical communications and send reports in a timely mannerAdditional one on one instruction will be given as needed

**Title**
Committed to physical fitness

**Tags**
41330, 7

**Learning Outcome**
Outcome 8- CharacterCommitted to physical fitnessCDT will take multiple physical fitness tests and conduct other physically demanding eventsCDT will understand that physical fitness is more than an event you conduct but a lifestyle changeAdditional physical training as necessary

**Title**
Communicates plans effectively

**Tags**
41334, 1

**Learning Outcome**
Outcome 2 – Tactical Problem SolverCommunicates plans effectivelyCadet will be given tactical scenarios in which they will have to develop a plan for their team and communicate that plan to their teammatesCDTs will receive real time feedback on if they had a solid plan and how well others understood that plan during leadership labsThis may lead to expanding either the Operations Order Process or further review of tactics based on the CDTs performance

**Title**
Ensures subordinates and unit are prepared for the mission

**Tags**
41360, 5

skills while working as a member of a team, squad or platoonCadets who fail to lead in positive ways will be counselled by their Cadet evaluators and on-scene faculty members

| Title | Tags |
| --- | --- |
| Personal Development | 41362, 2 |

Learning Outcome
Practice effective writing techniques in accordance with the Army standard for effective writingExplain how to set goals and manage time at the team levelDevelop team mission statement and goalsExplain and know ways to establish priorities and avoid distracters

| Title | Tags |
| --- | --- |
| Physically ready to handle the rigors of combat | 41363, 2 |

Learning Outcome
Outcome 3 – Individual ProficiencyPhysically ready to handle the rigors of combatCDTs will perform physical fitness training three times weekly throughout the semester and participate in a 48 hour field training exercise.Each CDT will score a minimum of 60 points in each PT event.Those failing to meet these standards will conduct remedial PT an additional two times per week.

| Title | Tags |
| --- | --- |
| Values and Ethics | 41375, 1 |

Learning Outcome
Explain the Army Values and the Army's Consideration of Others (CO2) programIdentify and asses the goals of the Army CO2 program (eight areas)Analyze the relationship between Army values, leadership, and CO2

| Title | Tags |
| --- | --- |
| Lives the Army values | 41376, 10 |

Learning Outcome
O11 – CharacterLives the Army ValuesWill write a comparative essay on one of their personal heroes and how they

Learning Outcome
Outcome 6- LeadershipEnsures subordinates and unit are prepared for the missionCDT will receive orders concerning upcoming events from higher level leadership and ensure that order is passed down to other team membersCDT will effectively conduct the orders process and brief his team. He will also conduct back briefs and inspections to ensure his/her team members are preparedAdditional one on one counseling as necessary

| Title | Tags |
| --- | --- |
| Coaches subordinates effectively and provides them with usef | 41369, 6 |

Learning Outcome
Outcome 7- LeadershipCoaches subordinates effectively and provides them with useful feedbackWhile in leadership roles, CDTs will have multiple opportunities to coach, teach, and mentor junior level CDTsCDT will conduct after action reviews of leadership labs with team as well as counseling team members on a consistent basis

| Title | Tags |
| --- | --- |
| Accepts accountability for self and unit | 41372, 4 |

Learning Outcome
Outcome 5 – LeadershipAccepts accountability for self and unitCDT will be given multiple leadership opportunities in which they are responsible not only for their success or failures but those of their team as wellCadets will take ownership of teams actions, will give praise to their team for mission success but will take ownership of team failures and attempt to correct what when wrongPlace a large emphasis on this during end of semester counseling

| Title | Tags |
| --- | --- |
| Lives the Army values | 41380, 8 |

Learning Outcome
Outcome 9- CharacterLives the Army ValuesCDT will be continually assessed on living his

heroes and how they demonstrated the Army ValuesCadets must score 80% on their essay, which will be read, marked up and returned to them by their instructorCadets who fail to achieve the standard will be asked to rewrite their essay and resubmit it to their instructor

continually assessed on living his life in accordance with the Army Values which are: Loyalty, Duty, Respect, Selfless Service, Honor, Integrity, and Personal CourageCDT realizes that Army values are not just what is done while on “Army Time” but a code in which you live your lifeAdditional counseling as needed. Cadet me be removed from the program for “serious” infractions of these values

**Title**
Understands, can explain and takes proper actions on contact

**Tags**
41385, 3

**Learning Outcome**
O4 – Member of a TeamUnderstands, can explain and takes proper actions on contactIn-class quiz on actions on contact as well as tactical operations during weekly labs that will require reacting to direct and indirect enemy contactCadets must score 80% or higher on the quiz and will need to react properly during tactics lab or risk being “shot” by the enemyCadets who fail to achieve the standards will receive one on one training by their Cadets peers and or their Cadet mentors

**Title**
Demonstrate Resilience

**Tags**
41392, 11

**Learning Outcome**
O12 – CharacterDemonstrate ResilienceCadets will conduct a multi-day Field Training Exercise during which they will asked to conduct graded tactical operations on little or no sleep and in austere mountainous conditionsCadets must demonstrate the ability to stay positive, work as a member of a team and complete (or at least attempt) each task or mission despite poor eating and sleeping conditionsCadets who fail to demonstrate resilience during training will be counselled and asked to continue training with a new perspective. If they refuse to complete training they will not get full credit for the FTX

**Title**
Leadership

**Tags**
41401, 0

**Learning Outcome**

Explain the situational, transformational, and adaptive leadership theories and their relationship to the Army Leadership Requirements ModelIllustrate dimensions of transformational and situational leadershipDescribe methods of assessing leadership stylesExplain your personal approach to leadership

| Title | Tags |
| --- | --- |
| Communicate plans effectively | 41405, 5 |

**Learning Outcome**
O6 – Tactical Problem SolverCommunicates plans effectivelyCadets will each get to brief an operational plan/ order in-class and be evaluated by their peersCadets must score 80% or higherCadets who score below 80% will receive counselling and receive a second chance to brief

## MIL S 321 - Leadership in Changing Environments

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MIL S | 321 |

**Teaching Area**
MIL S
**Course Title**
Leadership in Changing Environments
**Course Description**
Using intense real-world leadership situations to build skills in leading small units, decision-making, persuasion, and motivation when "under fire." Final preparation and evaluation prior to attendance at Leader Development and Assessment Course (LDAC). Lab included.
**Department**
Military Science
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**

## MIL S 325R - Staff Organization and Operations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MIL S | 325R |

**Teaching Area**
MIL S
**Course Title**
Staff Organization and Operations
**Course Description**
Seminar in Army Staff Operations. Various opportunities for leadership and organiztional experience. Lab included.
**Department**
Military Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
2

**Other Prerequisites**
Must be contracted in ROTC program

| Title | Tags |
| --- | --- |
| Prepare for the transition to a career as an Army officer | 41290, 3 |

**Learning Outcome**

3

## Lab Hours

Fixed
3

Other Prerequisites
Must be contracted in ROTC program

Title
Solve tactical problems using principles that underlie doctr

Tags
41291, 1

Learning Outcome
Outcome 2 – Tactical Problem SolverSolve tactical problems using principles that underlie doctrine and war fightingQuizzes and multiple tactical problems at leadership labsCDT utilizes proper Army doctrine for several different tactical problems that he/she will faceCDT will receive feedback after every lab and proper techniques as well as errors will be highlighted

Title
Judged by subordinates as capable, confident, and trustworth

Tags
41306, 5

Learning Outcome
Outcome 6- LeadershipJudged by subordinates as capable, confident, and trustworthyCDT will lead subordinates through multiple tactical and garrison events throughout the semester in which subordinates will react to their leaders ability to lead them successfullyCDT realizes that leadership and management are two very different things and that if you aren't capable, confident, and trustworthy no one will want to followAdditional one on one counseling as necessary

Title
Allows subordinates latitude in how to accomp. a mission & h

Tags
41314, 6

Learning Outcome
Outcome 7- LeadershipAllows subordinates latitude in how to accomplish a mission and holds them accountableCDT will have multiple teams work for him at a time in which he will have to

Outcome 4 – Values and EthicsPrepare for the transition to a career as an Army OfficerApplication to Leadership Lab PEs and FTXBasic understanding is mastered – need continued examples in PEsIntroduce additional variables to Leadership Labs and FTX to challenge cadets ethical decision making

Title
Gain practical experience in cadet battalion leadership role

Tags
41325, 1

Learning Outcome
Outcome 2 – LeadershipGain Practical experience in cadet battalion leadership rolesChain of command and staff positionsLeadership Labs and FTXGeneral understanding is good – however cadets need to learn to plan further in advance and use all 8 steps of the process to include MDMPRefined weekly cadet training meeting format will facilitate understanding accountability for training and facilitate planning further into advance

Title
Expand and demonstrate skills as a member of an organization

Tags
41342, 2

Learning Outcome
Outcome 3 – LeadershipExpand and demonstrate skills as a member of an organizational staffChain of command and staff positionsMDMP Practical ExerciseStaff Position PresentationsMDMP is complicated and challenging for the cadets to understand. Greater focus needs to be shifted to staff roles and understanding of military staff integrationWill assign cadets to study a specific staff function and how it integrates into the greater military method.

Title
Explore military professional ethics and decision making

Tags
41387, 0

Learning Outcome
Outcome 1 – Values and

issue general guidance rather than direct instructionCDT will understand that micromanagement leads to decreased productivity and does very little to develop subordinatesAdditional one on one counseling as necessary

**Title**
Demonstrates commitment to personal and professional growth

**Tags**
41318, 9

**Learning Outcome**
Outcome 10- CharacterDemonstrates commitment to personal and professional growthCDTs will talk one on one with instructor at the beginning of the semester to lay out plans on how the CDT plans on growing both personally and professionally throughout the semesterCDT will take the additional out of classroom time necessary to ensure their success with those they lead as well as other academic, physical, and spiritual needsCDTs will talk one on one with instructor at the end of the semester to asses if plan worked and what still needs to set new goals

**Title**
Proficient at maintaining self and equipment in a field envi

**Tags**
41320, 11

**Learning Outcome**
Outcome 12- Individual ProficiencyProficient at maintaining self and equipment in a field environmentCDT will spend 2-4 days in a “field” environment towards the end of the semesterCDT will perform the necessary steps to take care of themselves in addition to all equipment that they are responsible for in an austere environmentSupervised heavily by instructors, CDTs will receive guidance and “on the spot” corrections as necessary

**Title**
Demonstrates self-discipline

**Tags**
41347, 7

**Learning Outcome**
Outcome 8- CharacterDemonstrates self-disciplineCDT will have multiple

EthicsExplore military professional ethics and ethical decision making facing an Officer in peacetime and wartimeCase studies of wartime scenarios from history with classroom discussion.Students complete monthly professional readings – at least one during the year detailing ethical decision making and dilemmas on the battlefield for leadersCDTs understand the complexities of military professional ethics when applied to peacetime and wartime and learn they must use wisdom when making decisions. Demonstrated through discussion and paper.Include a challenging ethical decision making scenario on the final exam that the cadets must describe what they would do if found in the same situation.

disciplineCDT will have multiple opportunities to show self-discipline during physical training, leadership labs, and other ROTC eventsCDT will understand that you are not self-disciplined in a few aspects of your life, but rather either you are a self-disciplined individual or you are notAdditional one on one counseling as necessary

**Title**
Demonstrates the fundamentals of the assault rifle

**Tags**
41361, 10

**Learning Outcome**
Outcome 11- Individual ProficiencyDemonstrates the fundamentals of the assault rifleCDT will load, shoot, change magazines, correct malfunctions, disassemble and reassemble an Army type assault rifle in a safe mannerCDT understands the importance in handling firearms in a safe manner and gains confidence in doing soNo Change

**Title**
Leads by example

**Tags**
41371, 3

**Learning Outcome**
Outcome 4 – LeadershipLeads by exampleWill have multiple opportunities to lead junior CDTs as well as peers both during leadership lab and other eventsCDT realizes that setting the example in what they do and how they conduct themselves has a larger impact on their ability to lead rather than by simply giving guidance to othersThis will be continually reinforced throughout the school year, no change needed

**Title**
Performs successfully under stress

**Tags**
41374, 8

**Learning Outcome**
Outcome 9- CharacterPerforms successfully under stressCDT will be placed in a multitude of "controlled" stressful environments during labs and a field training exerciseCDT is able to rely on training and a solid knowledge base to know what actions must be takenCDT will

actions must be takenCDT will receive feedback after every lab and proper techniques as well as errors will be highlighted

**Title**
Understands, can explain and takes appropriate actions on co

**Tags**
41395, 0

**Learning Outcome**
Outcome 1 – Member of a TeamUnderstands, can explain, and takes appropriate actions on contactCDT will make “enemy” contact during leadership labs on a weekly basisCDT acts appropriately given the size of the enemy force, their location, the rules of engagement, and the terrain around themCDT will receive feedback after every lab and proper techniques as well as errors will be highlighted

**Title**
Cares for and is actively involved in the success of subordi

**Tags**
41396, 4

**Learning Outcome**
Outcome 5 – LeadershipCares for and is actively involved in the success of subordinatesCDT will have multiple opportunities to help and assist subordinates in ROTC, academic, and life successCDT understands that individual achievement truly mean very little if those that work for you are unable to complete necessary tasks in numerous aspects of lifeThis will be continually reinforced throughout the school year, no change needed

**Title**
Understands the roles of officers and NCOs in the Army

**Tags**
41399, 2

**Learning Outcome**
Outcome 3 – Understands the roles of officers and NCOs in the ArmyAccepts sacrifices required as a servant to the NationCDT will take a quiz on selfless-service and perform local community service during the semesterCDT understands that as a leader you are truly a servant to those you lead as well as to the Nation as a wholeAdditional one on one counseling as necessary

## MIL S 420 - Developing Adaptive Leaders

### Course Information

**Teaching Area (new)**
MIL S

**Course Number**
420

**Teaching Area**
MIL S

**Course Title**
Developing Adaptive Leaders

**Course Description**
Developing proficiency in planning, executing, and assessing operations; functioning on a staff; and providing feedback to subordinates with situational real-world opportunities to assess risk, make decisions, and coach others. Emphasizes leadership ethics. Lab included.

**Department**
Military Science

**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Must be contracted in ROTC program

**Title**
Apply military professional ethics in decision making

**Tags**
41287, 2

**Learning Outcome**
Outcome 3 – Values and EthicsApply military professional ethics in decision makingQuizDemonstrate application during Practical Exercises at Leadership labs and FTXApply in Leadership PhilosophyCDTs demonstrate good mastery of these outcomes in PEsNo change

## MIL S 421 - Leadership in a Complex World

### Course Information

**Teaching Area (new)**
MIL S

**Course Number**
421

**Teaching Area**
MIL S

**Course Title**
Leadership in a Complex World

**Course Description**
Dynamics of leading military operations. Subjects include military law, principles of war, operations, training, and logistics. Presented in context of modern battlefield. Culminates with commission as an officer in the U.S. Army. Lab included.

**Department**
Military Science

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Must be contracted in ROTC program

**Title**
Demonstrate ability to build and sustain multi-functional te

**Tags**
41297, 4

**Learning Outcome**
5. Team Building and Collaboration. Demonstrates the ability to build and sustain multi-functional teams in a complex, uncertain environment and able to accomplish the mission within the commander's intent.Demonstrate personal example while in leadership positionsGroup projects: Battle Analysis and present Army training in classroom

**Title**
Plan conduct & evaluate training & programs as member of cha

**Tags**
41288, 10

**Learning Outcome**
Outcome 11 – OfficershipPlan, conduct, and evaluate ROTC training and other programs as a member of the chain of command or staff (Army Training Management)Chain of command and staff positionsLDP evaluationsLeadership PhilosophyLeadership Labs and FTXGeneral understanding is good – however cadets need to learn to plan further in advance and use all 8 steps of the process to include MDMPRefined weekly cadet training meeting format will facilitate understanding accountability for training and facilitate planning further into advance

**Title**
Apply Army leadership dimensions and core competencies as ca

**Tags**
41293, 0

**Learning Outcome**
Outcome 1 – LeadershipApply Army leadership dimensions and core competencies as cadet battalion leadersEvaluated CDT assigned positions in the cadet chain of commandLeadership Philosophy paper and presentationCDTs understand the simple definition of each dimension and core competency; however they lack examples of them in everyday leadershipContinued evaluation and feedback during practical exercises in field environment

**Title**
Effectively use Troop Leading Procedures and the Military De

**Tags**
41299, 16

**Learning Outcome**
Outcome 18 – Tactics and TechniquesEffectively use Troop Leading Procedures and the Military Decision Making Procedure (MDMP)Demonstrate through planning, coordination and execution of 8 step training modelChain of command and staff positionsLeadership Labs and FTXCadets utilize TLPs

settingGenerally Cadets demonstrate this outcome by the end of the course.Sustain

**Title**
Apply principles of lifelong learning and continued educatio

**Tags**
41302, 7

**Learning Outcome**
8. Lifelong Learning. Applies the principles of lifelong learning and continued education ensuring personal, professional, and organizational improvement.Professional reading reflectionsLeadership Seminar participation and reflectionsNCO and Officer ForumsPerformance counseling – set goals in all areas of fitness, track progress and assess including incorporating peer feedbackCadets demonstrate good habits of personal lifelong learning and development through consistent setting and achieving goals in all areas over the course of the AY.Add alumni follow up assessments on lifelong learning habits carried over from MS 420 and MS 421 into their professional lives as officers in the US Army 1 year after commissioning

**Title**
Apply adaptive decisions in a complex and ambiguous environm

**Tags**
41331, 3

**Learning Outcome**
4. Adaptability & initiative. Able to apply agile and adaptive decisions in a complex and ambiguous environment.Plan, coordinate, execute, assess, and provide feedback during tactical training events (FTX, leadership lab, PT)Battle Analysis Over the course of the semester and multiple iterations approx. 75% of Cadets demonstrate adaptability to changing situations and 80% demonstrate initiative within the commanders intentStart each MON class with a leader challenge designed to have students apply initiative and adaptability in a real world situation and then discuss various ways to accomplish the mission

and FTXCadets utilize TLP's effectively; however need additional practice with MDMP to make effective recommendations to the commanderUse MDMP for major staff projects to include the FTX, military ball etc.

**Title**
Counsel underclass cadets to improve performance

**Tags**
41307, 12

**Learning Outcome**
Outcome 13 – OfficershipCounsel underclass cadets to improve performanceChain of command and staff positionsCadet mentorship programConcept of being responsible for others is clear – but cadets need to formalize their mentorship and counselingDevelop leader books and check every 3 weeks to ensure compliance. Additional accountability for development of MS 320/321 cadets

**Title**
Understand the duties of staff organization roles and repons

**Tags**
41316, 11

**Learning Outcome**
Outcome 12 – OfficershipUnderstand the duties of staff organization roles and responsibilitiesChain of command and staff positionsMid-termLeadership PhilosophyLeadership Labs and FTXNeed to continue working on delegation and task managementGeneral understanding of staff roles exists – but need to develop trust that all members will accomplish assigned tasksContinued empowerment of cadet chain of command to understand scope of responsibilities and then hold cadets accountable for mission accomplishment

**Title**
Write and brief effectively

**Tags**
41317, 8

**Learning Outcome**
Outcome 9 – Personal DevelopmentWrite and brief effectivelyLDP EvaluationsLeadership Philosophy presentationsMDMP

**Title**
Analyze and synthesize the communication process

**Tags**
41353, 6

**Learning Outcome**
7. Communication & Engagement (oral, written, and negotiation). Analyzes and synthesizes the communication process in order to use effectively as a leader.Professional Reading reflectionsCombat Leadership Seminar participation and reflectionsOPORDs and FRAGOs as part of 8 step training modelPresent Army standard training in classBattlefield Staff Ride presentationsBattle AnalysisCadets in general produce a minimum of 6 Army memorandums, 2-4 tactical orders in writing and conduct a minimum of 5 oral presentations. The number of products is generally about right to correct bad habits and gain confidence in oral presentation capability. They still lack quality after action reviews (feedback) in writing and orally to assessed CadetsSustain current requirements with expanded feedback sessions to produce leaders who are focused on developing others without beating them down. PE on AARs in class followed by weekly exercises after leadership labs and PT class sessions to improve quality of AARs

**Title**
Analyze ambiguous situations and develop situations

**Tags**
41354, 2

**Learning Outcome**
3. Critical Thinking & Problem Solving. Recognizes and analyzes ambiguous situations, and develops solutions to tactical, ethical, and leadership problems facing a newly commissioned officer.Leader Challenge exercisesProfessional Reading ReflectionsBattle AnalysisBear River Battlefield Staff Ride PEPlan, coordinate, execute, assess, and provide feedback during tactical training events (FTX, leadership lab, PT)Cadets demonstrate critical thinking through analysis of problems

and Cadet Chain of command responsibilitiesMost understand the basic tenants of the Army writing style; however they need to apply it in all written communication.Continue to work verbal communication and briefing skillsInclude additional short written requirements as well as briefings to further develop command presence and effective communication skills

**Title**
Assess fellow cadets using the Leadership Development Progra

**Tags**
41329, 1

**Learning Outcome**
Outcome 2 – LeadershipAssess fellow cadets using the (LDP) Leadership Development ProgramCadets are assigned underclass cadets to assess – feedback is provided verbally and collected via card systemCDTs are readily able to provide feedback; but need to be holistic in their evaluationsProvide LDP class and one of the first lessons and then follow up throughout the semester

**Title**
Understand role in UCMJ process & explain types of admin dis

**Tags**
41340, 5

**Learning Outcome**
Outcome 6 – Values and EthicsUnderstand your role in the UCMJ process and explain the types of administrative discipline and separationsQuizNeed constant re-enforcement and additional dedication to master this outcomeUse Army JAG guest speaker to further develop the topic in future coursesIntegrate into cadet battalion discipline PEs through the Chain of command

**Title**
Mentor and evaluate underclass cadets during tactical operat

**Tags**
41344, 14

**Learning Outcome**
Outcome 16 – Tactics and TechniquesMentor and evaluate underclass cadets during tactical operationsLDP Cadet EvaluationsCadet mentorship

however lack creativity in their solutions, instead focusing on traditional proven solutionsIncrease the use of leader challenges and more detailed battle analysis and analysis of professional reading to expose students to a greater variety of moral / ethical / tactical situations resulting in more creative solutions

**Title**
Synthesize all aspects of Army Values and Warrior Ethos

**Tags**
41357, 0

**Learning Outcome**
1. Character and Accountability. Synthesizes all aspects of Army Values and Warrior Ethos and demonstrates the courage, character, physical and mental toughness and values required to succeed as an Army OfficerWarrior Ethos QuizBattle Analysis PresentationBattle of Bear River Presentations and Staff RideDemonstrate personal example while in leadership positionsStudents can define, understand and demonstrate the Army values and Warrior ethos in their daily lives. Some struggle to demonstrate commitment as the semester continues as demonstrated by inconsistent meeting of suspenses / attendanceClearly articulate expectations in writing and verbally during initial counseling to include a commitment resulting in at least cheerful cooperation leading to heartfelt commitment and creative excitement

**Title**
Demonstrate ability to plan, prepare & execute platoon-level

**Tags**
41381, 1

**Learning Outcome**
2. Professional competence. Demonstrates the ability to plan, prepare, and execute platoon-level training strategies including individual and collective tasks to enable mission accomplishment.Application of 8 step training model during weekly Company training meetingsPE – Assistant S3 as Lab OICPlan and execute Leadership

programChain of command and staff responsibilitiesMS 420 cadets do a good job coaching and teaching tactics to underclassmen – but need to work on providing quality written feedback to go with the verbal feedbackWritten evaluations with each verbal evaluation

**Title**
Identify methods to reduce and manage stress as a leader

**Tags**
41345, 7

**Learning Outcome**
Outcome 8 – Personal DevelopmentIdentify methods to reduce and manage stress as a leaderLeader Challenge Practical ExerciseCounseling PELeadership Philosophy12 O'Clock High Final Ex.Critical skill which we continue to develop and must consistently be developed throughout a cadet and officer's careerIntegrate stress reduction, positive visual imagery, and relaxation techniques to future courses

**Title**
Identify resiliency training skills in the Comprehensive Sol

**Tags**
41351, 6

**Learning Outcome**
Outcome 7 – Personal DevelopmentIdentify resiliency training skills in the Comprehensive Soldier Fitness program (CSF)Leader Challenge Practical ExerciseCounseling PELeadership Philosophy12 O'Clock High Final ExamCritical skill which we continue to develop and must consistently be developed throughout a cadet and officer's careerContinue to reinforce resiliency training at every opportunity

**Title**
Explain your obligations as a US service member under the co

**Tags**
41365, 4

**Learning Outcome**
Outcome 5 – Values and EthicsExplain your obligations as a US service member under the code of conductMid-TermLeadership

Lab, FTX, MS III FTX, PTCadets demonstrate significant improvement in this area during the course of the yearSustain current method

**Title**
Demonstrate leader responsibilities in the Comprehensive Sol

**Tags**
41400, 8

**Learning Outcome**
9. Comprehensive Fitness. Demonstrate leader responsibilities in the Comprehensive Soldier Fitness program to reduce and manage stress (spiritual, psychological, physical).Plan, coordinate, execute, assess and provide feedback for a unit physical fitness programPerformance counseling – set goals in all areas of fitness, track progress and assess including incorporating peer feedbackCadets generally demonstrate consistent improvement in the 5 dimensions of Comprehensive Soldier Fitness, stress management techniques, physical fitness improvement and resiliencySustain current programs especially in stress management, spiritual and physical fitness. Continue to focus on resiliency and toughness through regularly challenging Cadets to push themselves to their limits

**Title**
Assess the impacts of cultural differences on military opera

**Tags**
41404, 5

**Learning Outcome**
6. Cultural Competence. Assess the impacts of cultural differences on military operations and anticipate the consequences of the Army's interaction with disparate stake holdersProfessional Reading reflectionsBattle AnalysisBear River Battlefield Staff RideCultural application to various real world situations (current events discussions)PE at Leadership LabCadets generally recognize the importance of understanding foundational cultural concepts and cross cultural competency.Continue to

PhilosophyCadets generally master this outcomeNeed to add emphasis regarding the importance of oaths and codes to ensure they are applied for the rest of their professional careers

**Title**
Apply training management process using the 8 step training

**Tags**
41373, 15

**Learning Outcome**
Outcome 17 – Tactics and TechniquesApply training management process using the 8 step training modelChain of command and staff positionsLDP evaluationsLeadership PhilosophyLeadership Labs and FTXGeneral understanding is good – however cadets need to learn to plan further in advance and use all 8 steps of the process to include MDMPRefined weekly cadet training meeting format will facilitate understanding accountability for training and facilitate planning further into advance

**Title**
Explain the importance of actively managing your career as a

**Tags**
41378, 13

**Learning Outcome**
Outcome 14 – Explain the importance of actively managing your career as an Army officerPersonal Leadership PhilosophyCounseling with PMSCDTs understand what they see on a re-occurring basis; however they need additional exposure to options early in their cadet careersIntegrate this outcome into MS 220 and MS 320 courses

**Title**
Relate the Law of Land Warfare and ROE to Army Operations

**Tags**
41382, 3

**Learning Outcome**
Outcome 4 – Values and EthicsRelate the Law of Land Warfare and rules of engagement (ROE) to Army OperationsApplication to Leadership Lab PEs and FTXIntegrate into daily performance assessmentsBasic

use leadership challenges which require application of local cultural conceptsReinforce foreign language and foreign cultural understanding through the order of merit list and CULP integrationRequire participation in multi-cultural center event

performance assessmentsBasic understanding is mastered – need continued examples in PEsIntroduce additional variables to Leadership Labs and FTX to challenge cadets ethical decision making

**Title**
Explain profession of arms and offership as it relates to ci

**Tags**
41389, 9

**Learning Outcome**
Outcome 10 – OfficershipExplain the profession of arms and officership as it relates to civilian professionsQuizPresentationGenerally good masteryNo change

## MIL S 425R - Tactical Leadership (Ranger Challenge)

### Course Information

**Teaching Area (new)**
MIL S

**Course Number**
425R

**Teaching Area**
MIL S

**Course Title**
Tactical Leadership (Ranger Challenge)

**Course Description**
Emphasis on fitness and tactical proficiency. Participation on University Ranger Challenge Team. Requires commitment and endurance. Provides insight into advanced Army professional training.

**Department**
Military Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
16

**Other Prerequisites**

## MKTG 201 - Marketing Management

### Course Information

**Teaching Area (new)**
MKTG

**Course Number**
201

**Teaching Area**
MKTG

**Course Title**
Marketing Management

**Course Description**
Marketing's role in society and the firm, marketing opportunities, the consumer market, and management of marketing mix.

**Department**
Mrkting & Global Supply

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register

Other Prerequisites
Current enrollment in AROTC program

| Title | Tags |
| --- | --- |
| Winning | 41319, 3 |

**Learning Outcome**
Outcome 4:WinningThe Ranger Challenge Team, selected from the top 11 enrolled in the class, placed 1st overall in the Brigade Ranger Challenge Competition in Colorado. As the winner of the Brigade Competition, the team was selected to participate in the Sandhurst Cup at West Point Military Academy. The BYU Ranger Challenge team placed 14 out of 54 Participating teams from all over the world at the Sandhurst Cup.Competition is one of the key drivers for active learning in this tactical leadership class. The students are more focused, they work harder, and they put in more hours in order to achieve higher standards on individual and collective skill-sets for the benefit of the team.

| Title | Tags |
| --- | --- |
| Leader Development | 41328, 0 |

**Learning Outcome**
Outcome 1:Leader DevelopmentStudents are given training guidance, mandatory training/class timeline, and expected outcomes from the instructor (CPT Young). From there it becomes the responsibility of the students to asses their available resources, identify their key training tasks, and build a detailed event timeline with a comprehensive training outline.
Classes/training for each block of instruction/skill-set is supervised by class leadership and delegated to other students to become subject mater experts for their respective skill-sets and train the other students in the class.The students demonstrated solid leadership, good work ethic, and developed quality training. However, their training was not always nested within the initial guidance given by the instructor (CPT Young). This resulted in inefficiencies in lines of effort that were not focused on intended outcomes.Instructors'

at is.byu.edu.

| Title | Tags |
| --- | --- |
| Designing a marketing plan | 176106, 2 |

**Learning Outcome**
Design a marketing plan for a new venture by applying the appropriate tools and approaches studied

| Title | Tags |
| --- | --- |
| Using marketing tools to create value for customers | 176114, 0 |

**Learning Outcome**
Understand the fundamental components and tools of marketing and how each relates to creating and sustaining value for customers.

| Title | Tags |
| --- | --- |
| Analyzing marketing strategies | 176142, 1 |

**Learning Outcome**
Describe how specific firms (1) select target markets, (2) specify their marketing mix, and (3) attempt to attract and retain the right customers.

(CPT Young) initial guidance needs to be more specific and focused. Execution needs more supervision without crossing the threshold of diminishing an active learning environment.

**Title**
Building Relationships and Camaraderie

**Tags**
41364, 2

**Learning Outcome**
Outcome 3:Building Relationships and CamaraderieDuring the class students work through the dynamics of peer leadership, working together as a team, competition with other teams, and professional interaction/coordination with foreign nations.The BYU Ranger Challenge team organized, synchronized, panned, and executed within the organization with effective conflict management and communication. During the Sandhurst Cup, an International competition at West Point Military Academy, the BYU Ranger Challenge team built lasting relationships with other US military organizations and foreign nations.

**Title**
Showcasing Military Skills and Excellence

**Tags**
41402, 1

**Learning Outcome**
Outcome 2:Show-casing Military Skills and ExcellenceThe Ranger Challenge class (425R) allows students to enhance their military skills and show-case their efforts in high visibility culminating and evaluated events.Students enrolled in 425R demonstrate a greater understanding of leadership, tactics, and techniques by practical application throughout all classes, training exercises, and events within the BYU ROTC organization.BYU ROTC public affairs need to synchronize more effectively with campus and local media in order to not only show-case the achievements of the Ranger Challenge team within the ROTC organization, but also extend visibility to other student

organizations across campus and
the local community.

## MKTG 326 - Career Development and Student Mentoring

### Course Information

**Teaching Area (new)**
MKTG

**Course Number**
326

**Teaching Area**
MKTG

**Course Title**
Career Development and Student Mentoring

**Course Description**
Introduction to the resources, services, and opportunities for career development available to business management majors. Specific projects include developing a career plan, refining interviewing and networking skills, and interacting individually with a mentor well-established in a directly relevant career.

**Department**
Mrkting & Global Supply

**When Taught**
Fall

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Marketing majors only.

## MKTG 380 - Marketing Executive Lecture Series

### Course Information

**Teaching Area (new)**
MKTG

**Course Number**
380

**Teaching Area**
MKTG

**Course Title**
Marketing Executive Lecture Series

**Course Description**
Marketing executive guest lecture series. Students will gain exposure to marketing professionals and insight into the challenges and opportunities of marketing careers.

**Department**
Mrkting & Global Supply

**When Taught**
Fall

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

## MKTG 401 - Marketing Research

### Course Information

**Teaching Area (new)**
MKTG

**Course Number**
401

**Teaching Area**
MKTG

**Course Title**
Marketing Research

## MKTG 402 - Consumer Behavior

### Course Information

**Teaching Area (new)**
MKTG

**Course Number**
402

**Teaching Area**
MKTG

**Course Title**
Consumer Behavior

**Course Description**
Concepts and methodology for conducting marketing research. Emphasis on solving problems faced by the marketing manager. Consulting research project required.
**Department**
Mrkting & Global Supply
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Marketing majors only.

| Title | Tags |
|---|---|
| Job-Hunting Skills | 176132, 6 |

**Learning Outcome**
Gain skills and confidence that will separate you from your competitors in a job hunt.

| Title | Tags |
|---|---|
| Marketing Research Processes | 176151, 0 |

**Learning Outcome**
Understand and implement the marketing research process.

| Title | Tags |
|---|---|
| Backward Marketing Research | 176169, 1 |

**Learning Outcome**
Understand and implement “backward” marketing research.

| Title | Tags |
|---|---|
| Research and Recommendations | 176202, 5 |

**Learning Outcome**
Formulate answers to research objectives and make meaningful business recommendations.

**Course Description**
Mental and emotional processes and physical actions that people engage in when selecting, purchasing, using, and discarding products and services to satisfy consumer needs and desires.
**Department**
Mrkting & Global Supply
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Marketing majors only.

| Title | Tags |
|---|---|
| Abstract Consumer Behavior Theories | 176302, 0 |

**Learning Outcome**
Apply abstract consumer behavior theories to specific business situations.

| Title | Tags |
|---|---|
| Understanding Theories | 176303, 1 |

**Learning Outcome**
Demonstrate a working knowledge of theories in the following consumer behavior realms: fundamental consumer needs, information processing, persuasion, and post-consumption evaluation.

| Title | Tags |
|---|---|
| Group Work | 176304, 2 |

**Learning Outcome**
Work effectively in groups.

| Title | Tags |
|---|---|
| Effective Communication | 176305, 3 |

| Title | Tags |
| --- | --- |
| Analytic Methods | 176212, 4 |

**Learning Outcome**
Understand and implement basic analytic methods.

| Title | Tags |
| --- | --- |
| Researching Techniques | 176338, 2 |

**Learning Outcome**
Understand and employ qualitative and quantitative research techniques and visualize data.

| Title | Tags |
| --- | --- |
| Survey Methodology | 176339, 3 |

**Learning Outcome**
Identify appropriate questions for survey research. Design and implement a survey methodology to maximize response and response accuracy. Apply intuition for statistical inference in analyzing survey data.

| Title | Tags |
| --- | --- |
| Market Simulator | 177167, 7 |

**Learning Outcome**
Design and run a conjoint study, including using a market simulator.

| Title | Tags |
| --- | --- |
| Findings | 177168, 8 |

**Learning Outcome**
Interpret findings from data analysis and make marketing recommendations.

**Learning Outcome**
Communicate effectively (both orally and in writing).

## MKTG 403 - Advertising and Promotion Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MKTG | 403 |

**Teaching Area**
MKTG

## MKTG 411 - Marketing Analytics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MKTG | 411 |

**Teaching Area**
MKTG

**Course Title**

Course Title
Advertising and Promotion Management
Course Description
Strategies in promoting business and nonbusiness products, services, and institutions, including the role of advertising, promotion, target selection, media and copy decisions, and marketing research.
Department
Mrkting & Global Supply
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
For Marketing majors only.

| Title | Tags |
|---|---|
| Plan, design, evaluate marketing communications | 176279, 0 |

Learning Outcome
Use professional skills to plan, design, and critically evaluate marketing communications.

| Title | Tags |
|---|---|
| Create and communicate a creative brief | 176280, 1 |

Learning Outcome
Create and communicate critical components of a creative brief.

| Title | Tags |
|---|---|
| Calculate financial Impact of marketing communications and trade promotions. | 176281, 2 |

Learning Outcome
Calculate the financial impact of marketing communications and trade promotions on the firm.

Marketing Analytics
Course Description
Key issues in using data and analytical techniques to identify marketing insights from business data.
Department
Mrkting & Global Supply
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
For Marketing majors only.

| Title | Tags |
|---|---|
| Data | 177159, 1 |

Learning Outcome
Wrangle and explore data.

| Title | Tags |
|---|---|
| R | 177160, 1 |

Learning Outcome
Program in R.

| Title | Tags |
|---|---|
| Survey Data | 177161, 2 |

Learning Outcome
Analyze survey data using statistical tests.

| Title | Tags |
|---|---|
| Consumer Observational Data | 177162, 3 |

Learning Outcome
Model consumer observational data with regression.

| Title | Tags |
|---|---|

| Title | Tags |
| --- | --- |
| Evaluate legal and ethical issues | 176282, 3 |

**Learning Outcome**
Understand the social, legal and ethical considerations involved in the promotional planning process.

| Title | Tags |
| --- | --- |
| Market Structure | 177163, 4 |

**Learning Outcome**
Identify market structure using principal component analysis.

| Title | Tags |
| --- | --- |
| Consumers | 177164, 5 |

**Learning Outcome**
Employ clustering techniques to segment consumers.

| Title | Tags |
| --- | --- |
| Text | 177165, 6 |

**Learning Outcome**
Scrape, clean, and analyze text.

| Title | Tags |
| --- | --- |
| Results | 177166, 7 |

**Learning Outcome**
Communicate results in terms of marketing insights.

## MKTG 412 - Professional Selling

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MKTG | 412 |

**Teaching Area**
MKTG
**Course Title**
Professional Selling
**Course Description**
Concepts of professional selling and sales management including personal selling skills; strategic role of personal selling; organizing, directing, controlling, and evaluating the sales force.
**Department**
Mrkting & Global Supply
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

## MKTG 413 - Retailing Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MKTG | 413 |

**Teaching Area**
MKTG
**Course Title**
Retailing Management
**Course Description**
Selection, location, and management of retail stores and systems, emphasizing profitability and integration of accounting, finance, and economic concepts and tools.
**Department**
Mrkting & Global Supply
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Marriott School majors only.

3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Marriott School majors only.

| Title | Tags |
|---|---|
| Problem Solving | 176053, 1 |

**Learning Outcome**
Solve common retail problems using the principles of marketing research and other tools used to analyze market opportunities and consumer purchasing.

| Title | Tags |
|---|---|
| Channel Strategies | 176079, 2 |

**Learning Outcome**
Understand the complexity of retail channels used as alternative routes to market, and evaluate the merits of alternative channel strategies for different types of retail businesses.

| Title | Tags |
|---|---|
| Key Retail Concepts | 176183, 0 |

**Learning Outcome**
Understand the key concepts and current developments within retailing management.

## MKTG 414 - Entrepreneurial Marketing

### Course Information

**Teaching Area (new)**
MKTG

**Course Number**
414

**Teaching Area**
MKTG

**Course Title**
Entrepreneurial Marketing

**Course Description**
Marketing strategies for start-up companies. Topics include marketing to investors, internal marketing, and how to market products/services without a marketing budget.

**Department**
Mrkting & Global Supply

**When Taught**
Fall

## MKTG 415 - Digital Marketing

### Course Information

**Teaching Area (new)**
MKTG

**Course Number**
415

**Teaching Area**
MKTG

**Course Title**
Digital Marketing

**Course Description**
Digital marketing is broad and varied, so rather than digging deeply into one topic (e.g., search engine optimization) and ignoring all other topics, this class will cover a wide variety of digital marketing topics. Students will customize their experience by choosing between two different "tracks" in the course: a strategic emphasis or tactical emphasis.\n \n

**Department**
Mrkting & Global Supply

**When Taught**

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
For Marriott School majors only.

| Title | Tags |
| --- | --- |
| Basic Entrepreneurial Skills | 176271, 0 |

Learning Outcome
Market entrepreneurially - make "competitive angles" that make competitors irrelevant.

| Title | Tags |
| --- | --- |
| Marketing Tactics | 176272, 1 |

Learning Outcome
Introduce new products and formulate marketing tactics for startup companies on a limited budget.

| Title | Tags |
| --- | --- |
| Marketing Consultant Skills | 176273, 2 |

Learning Outcome
Have the mindset, qualitative skills, and quantitative skills to be a marketing consultant for startup firms.

Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
For Marriott School majors only.

Note
MKTG 415 is held online, not in a classroom. A large majority of the class sessions are "asynchronous" videos that you can watch whenever you want. A few of the class sessions are students presenting the results of their group work, and those sessions will be "synchronous" Zoom sessions held at the appointed class time.

| Title | Tags |
| --- | --- |
| Web design (from a marketing perspective) | 211335, 0, 3 |

Learning Outcome
Learn to apply the principles of web design to generate a high level of conversion from website visitors.

| Title | Tags |
| --- | --- |
| Building web traffic | 211336, 0, 4 |

Learning Outcome
Apply the principles of search engine optimization (SEO) and search engine marketing (i.e., paid search) to build web traffic.

| Title | Tags |
| --- | --- |
| Content marketing | 211337, 0, 5 |

Learning Outcome
Apply the principles of engagement and brand building when creating and evaluating online content that the firm will share online.

| Title | Tags |
| --- | --- |
| Additional digital marketing skills | 211338, 0, 6 |

**Learning Outcome**
Gain skills in additional digital marketing areas, including the following: conversion rate optimization, online reputation management, email and SMS marketing, crowdsourcing, and affiliate marketing.

| Title | Tags |
| --- | --- |
| Digital marketing software tools | 211339, 0, 7 |

**Learning Outcome**
Learn to use a variety of industry-leading software tools for digital marketing tasks.

## MKTG 416 - International Marketing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MKTG | 416 |

**Teaching Area**
MKTG
**Course Title**
International Marketing
**Course Description**
International market entry strategies, export marketing, joint ventures, and other market entry modes. Regional/National markets; cultural, political, legal environments. Negotiations, trade financing, marketing mix.
**Department**
Mrkting & Global Supply
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MKTG 417 - Creativity and Design in Marketing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MKTG | 417 |

**Teaching Area**
MKTG
**Course Title**
Creativity and Design in Marketing
**Course Description**
Concepts and strategies to increase creativity, problem solving, and design skills. Emphasis on storytelling, advertising, and content creation.
**Department**
Mrkting & Global Supply
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

0

0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MKTG 201 - Marketing Management

**Additional Comments:**

**Other Prerequisites**
For Marriott School majors or Global Business and Literacy minors only.

**Recommended**
Bus m 430

| Title | Tags |
|---|---|
| Managing Foreign Market | 176067, 2 |

**Learning Outcome**
Be prepared to enter and succeed as a manager in a foreign market.

| Title | Tags |
|---|---|
| Marketing Concepts | 176118, 1 |

**Learning Outcome**
Apply relevant marketing concepts in current, cross-cultural and/or global contexts.

| Title | Tags |
|---|---|
| Marketing Concepts | 176274, 0 |

**Learning Outcome**
Use verbal and written case method skills related to international marketing.

## MKTG 418 - Pricing Strategies

### Course Information

**Course Number**
418
**Teaching Area**
MKTG
**Course Title**
Pricing Strategies
**Course Description**
Introduction to frameworks relevant for making pricing decisions. An integrative approach to pricing strategies combining strategic, economic, marketing, and psychological considerations.
**Department**
Mrkting & Global Supply
**When Taught**
Fall and Winter

## MKTG 422 - Business to Business Selling

### Course Information

**Teaching Area (new)**
MKTG
**Course Number**
422
**Teaching Area**
MKTG
**Course Title**
Business to Business Selling
**Course Description**
A practical approach to direct business-to-business selling, specifically focused on obtaining new customers with a secondary focus on cross-selling into existing customers.
**Department**
Mrkting & Global Supply
**When Taught**
Fall and Winter

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Pricing Methods | 214066, 0, 1, 2023-08-29 11:03:30 |

Learning Outcome
Explain the three primary pricing methods, cost-based, value-based, and competition-based, and how they relate to the ideal pricing model.

| Title | Tags |
| --- | --- |
| Pricing Psychology | 214067, 0, 2, 2023-08-29 11:03:32 |

Learning Outcome
Evaluate how the various psychological influences consumers perceive value and identify the different ways companies attempt to influence those perceptions.

| Title | Tags |
| --- | --- |
| Quantitative Methods | 214068, 0, 3, 2023-08-29 11:03:45 |

Learning Outcome
Apply quantitative methods for understanding how consumers value a product.

| Title | Tags |
| --- | --- |
| Segmentation | 214069, 0, 4, 2023-08-29 11:03:46 |

Learning Outcome
Describe different methods for segmenting markets and how that has an impact on price discrimination.

| Title | Tags |
| --- | --- |
| Product Line Pricing | 214070, 0, 5, 2023-08-29 11:03:48 |

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Product Line Pricing | 214070, 0, 5, 2023-08-29 11:03:48 |
|---|---|

**Learning Outcome**
Compute optimal pricing policies when firms have multiple product offerings.

| Title | Tags |
|---|---|
| Pricing Considerations | 214071, 0, 6, 2023-08-29 11:03:49 |

**Learning Outcome**
Discuss the various regulatory, ethical, practical considerations that should inform a managers price setting practices.

## MKTG 425 - Advanced Digital Marketing

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MKTG | 425 |

**Teaching Area**
MKTG
**Course Title**
Advanced Digital Marketing
**Course Description**
Builds on digital marketing skills to give students deeper understanding and abilities to conduct search engine optimization, paid search marketing, display advertising, and more.
**Department**
Mrkting & Global Supply
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## MKTG 429 - Marketing Strategy

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MKTG | 429 |

**Teaching Area**
MKTG
**Course Title**
Marketing Strategy
**Course Description**
Integration of finance, marketing, and case studies in economic concepts and techniques in marketing decision making and planning.
**Department**
Mrkting & Global Supply
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Marketing majors only.

| Title | Tags |
|---|---|
| Improving Written and Oral Communication | 176150, 4 |

Prerequisites

**Complete ALL of the following Courses:**

- MKTG 415 - Digital Marketing

**Additional Comments:**

**Learning Outcome**
Improving written and oral communication skills through written case assignments and in-class presentations.

**Title**
Develop Effective Tactical Responses

**Tags**
176153, 3

**Learning Outcome**
Effectively identifying core problems, create strategic solutions, and implement effective tactical response as demonstrated in case decisions.

**Title**
Effective Team Management

**Tags**
176196, 2

**Learning Outcome**
Demonstrating effective team management by producing quality deliverables (case memos, simulation performance, and corporate training presentations) conceived and created through team collaboration.

**Title**
Fundamental Marketing Strategies

**Tags**
176291, 0

**Learning Outcome**
Understand fundamental marketing strategies and tactics as demonstrated via classroom discussion, individual and team assessments, and peer-to-peer training presentations. For example:

Analyze current and potential markets to determine their market attractiveness
Apply appropriate marketing strategies based on market attractiveness and relative firm strength
Calculate and apply Break-even, Net Marketing Contribution, Marketing ROI, Marketing ROS to assigned cases and examples.

**Title**
Integrating Marketing Training

**Tags**
176292, 1

**Learning Outcome**
Integrating previous marketing

integrating previous marketing training into a systematic whole by applying that knowledge to case analysis. For example:

Creating integrated product positioning by carefully combining all four Ps of the marketing mix
Interpreting the results of a conjoint market research study and using those insights to create marketing strategy
Understanding that customers are often different than I am and they need to be understood in their own voice and on their own terms

## MKTG 490R - Topics in Marketing

### Course Information

**Teaching Area (new)**
MKTG
**Course Number**
490R
**Teaching Area**
MKTG
**Course Title**
Topics in Marketing
**Department**
Mrkting & Global Supply
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5
**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
By permission only.

## MKTG 585R - Pre-PhD Marketing Seminar-Research Topics and Methods

### Course Information

**Teaching Area (new)**
MKTG
**Course Number**
585R
**Teaching Area**
MKTG
**Course Title**
Pre-PhD Marketing Seminar-Research Topics and Methods
**Course Description**
Introduction to theory, methods, and areas of research in marketing, with a goal of helping students prepare to apply to marketing PhD programs. Introduces the philosophy of science and research as applied to the study of marketing. Methods and theory that are foundational to the study and practice of marketing. \n\n
**Department**
Mrkting & Global Supply
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
MKTG 201, 401, 402, 403

## MMBIO 102 - Introduction to Clinical Laboratory Techniques

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
102

**Teaching Area**
MMBIO

**Course Title**
Introduction to Clinical Laboratory Techniques

**Course Description**
Hospital laboratory techniques.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Title**
Techniques

**Tags**
201967, 0

**Learning Outcome**
Describe and carry out basic clnical laboratory techniques

**Title**
Careers

**Tags**
201972, 1

**Learning Outcome**
List and evaluate careers in clinical laboratory sciences

## MMBIO 110R - Extremophiles: Life in Extreme Environments

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
110R

**Teaching Area**
MMBIO

**Course Title**
Extremophiles: Life in Extreme Environments

**Course Description**
A field trip-based investigation of microbial life in extreme environments. Field trips to Yellowstone National Park, Great Salt Lake, and to a water treatment plant will investigate thermophiles, halophiles, and methanogens, respectively.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
3

**Title**
Life in Extreme Environments

**Tags**
202037, 1

**Learning Outcome**
Students will deepen their appreciation of microbial life by investigating extreme environments in which microorganisms have evolved to grow and thrive.

## MMBIO 121 - General Biology: Health and Disease

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
121

**Teaching Area**
MMBIO

**Course Title**
General Biology: Health and Disease

**Course Description**
An overview of the living world and how it functions and adapts in the context of human health and disease.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
General biology with a focus on health and disease

**Tags**
202038, 1

**Learning Outcome**
Students will develop a solid undertanding of general biological principles in context of relevant topics in health and biology.

## MMBIO 122 - General Biology: Health and Disease Laboratory

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
122

**Teaching Area**
MMBIO

**Course Title**
General Biology: Health and Disease Laboratory

**Course Description**
Laboratory exercises using both prokaryotic and eukaryotic organisms to demonstrate the scientific process and to examine microbial growth, control of microbial growth, metabolism, genetics, evolution, disease transmission, infection, and immunology.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

**Recommended**
Concurrent enrollment or completion of either MMBIO121 or PDBIO120

## MMBIO 151 - Microbiology for Majors

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
151

## MMBIO 162R - Careers in Biomedical Sciences

### Course Information

MMBIO 151
Teaching Area
MMBIO
Course Title
Microbiology for Majors
Course Description
Principles of prokaryotic biology emphasizing cell structure, function, and metabolism. Introduction to bacterial genetics, microbial diversity, and microbial ecology.
Department
Microbio & Molecular Biol
When Taught
Fall; Winter.

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
3

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 121 - General Biology: Health and Disease

Prerequisites

**Complete ALL of the following Courses:**
- BIO 130 - Biology

Prerequisites

**Complete ALL of the following Courses:**
- CELL 120 - Science of Biology

**Additional Comments:**

Other Prerequisites
Chem 105 or concurrent enrollment.

| Title | Tags |
|---|---|
| Making Informed Judgements | 201873, 4 |

Learning Outcome

Teaching Area (new) Course Number
MMBIO 162R
Teaching Area
MMBIO
Course Title
Careers in Biomedical Sciences
Course Description
Lectures and field trips surveying career choices.
Department
Microbio & Molecular Biol
When Taught
Fall

### Credit Hours

Min
1

Fixed
1

| Title | Tags |
|---|---|
| Career preparation | 187151, 1 |

Learning Outcome
Students should be able to make informed decisions about career paths in Microbiology

| Title | Tags |
|---|---|
| Career preparation | 201958, 0 |

Learning Outcome
Students should be able to make informed decisions about career paths in Microbiology

Learning Outcome
Students will be able to make informed judgments on tests, lab reports, and lab presentations by applying and integrating appropriate microbiological knowledge. *Relates to Program Learning Outcome: "Communicate scientific information using both oral and written methods"

Title
Complexity, Diversity and Purposes of Life

Tags
201878, 5

Learning Outcome
Students will be able to reflect on the complexity, diversity and purposes of life by examining the physiology, ecology, and genetics of microorganisms. *Relates to Program Learning Outcome: "Reflect/discuss/explore how faith in the Lord and Christ-like living are affected by an understanding of fundamental biological principles"

Title
Microbes

Tags
201888, 1

Learning Outcome
Students will be able to distinguish between eukaryotes, prokaryotes, and viruses by comparing and contrasting their various structures and functions. *Relates to Program Learning Outcome: "Exhibit mastery of four of the following six principal areas of the discipline" five of which are microbial physiology, microbial genetics, microbial ecology, medical microbiology, and virology

Title
Microbiology Tools and Technique

Tags
201929, 2

Learning Outcome
Students will be able to discuss and use the fundamental tools utilized by microbiologists, including aseptic technique, streaking for isolation, and performing growth experiments. *Relates to Program Learning Outcome: "Exhibit mastery of four of the following six principal areas of the discipline" three of

which are microbial physiology, microbial genetics, microbial ecology

| Title | Tags |
| --- | --- |
| Research Design, Data Collection, and Analysis | 202001, 3 |

**Learning Outcome**
Students will be able to design and carry out research studies, including formulating questions and testable hypotheses, implementing appropriate experimental protocols, and collecting and analyzing data, and drawing appropriate conclusions. *Relates to Program Learning Outcome: "Devise experiments with appropriate hypotheses and controls."

## MMBIO 194 - Phage Hunters: Discovery

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MMBIO | 194 |

**Teaching Area**
MMBIO
**Course Title**
Phage Hunters: Discovery
**Course Description**
Phage isolation and characterization.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
6

## MMBIO 195 - Phage Hunters: Comparative Genomics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MMBIO | 195 |

**Teaching Area**
MMBIO
**Course Title**
Phage Hunters: Comparative Genomics
**Course Description**
Phage genome annotation. Focus on experimental design and data analysis.
**Department**
Microbio & Molecular Biol
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**

Note
Freshmen or sophomore students preferred. Requires two semester commitment.

| Title | Tags |
| --- | --- |
| Laboratory Equipment | 201907, 3 |

Learning Outcome
Use standard microbiology laboratory equipment correctly.

| Title | Tags |
| --- | --- |
| Aseptic Technique | 201940, 1 |

Learning Outcome
Use proper aseptic techniques for the transfer and handling of microorganisms and instruments.

| Title | Tags |
| --- | --- |
| Media and Test Systems | 201962, 2 |

Learning Outcome
Use appropriate microbiological media and test systems.

| Title | Tags |
| --- | --- |
| Experimental Protocol and Data Analysis | 202004, 4 |

Learning Outcome
Follow an experimental protocol, collect and organize data in a systematic fashion, present data in anappropriate form, assess the validity of the data, and draw appropriate conclusions based on the results.

| Title | Tags |
| --- | --- |
| Analyzing, Troubleshooting and Experimental Design | 202076, 5 |

Learning Outcome
Analyze experimental data, draw conclusions and troubleshoot problems. Design appropriate experiments given the results

| Title | Tags |
| --- | --- |
| Characterize bacteriophages using standard morphological, genomic and proteomic approaches. | 202077, 6 |

Learning Outcome
Understand and utilize scientific methods used to study and

Fixed
6

Note
Freshmen or sophomore students preferred. Requires two semester commitment.

| Title | Tags |
| --- | --- |
| Research Presentation | 201859, 6 |

Learning Outcome
Prepare and deliver a research presentation (oral and poster)

| Title | Tags |
| --- | --- |
| Research Abstract | 201869, 5 |

Learning Outcome
Prepare an abstract for a presentation of research data

| Title | Tags |
| --- | --- |
| Research Reading and Writing | 201900, 7 |

Learning Outcome
Gain experience in research writing and reading of scientific papers

| Title | Tags |
| --- | --- |
| DNA Preparation | 201913, 1 |

Learning Outcome
Prepare DNA for sequencing

| Title | Tags |
| --- | --- |
| Bioinformatic Software | 201919, 3 |

Learning Outcome
Learn how to use bioinformatics software for the following:DNA sequence alignment (Consed)Primer design (Primer3)Assessing ORFs for gene calls (GBrowse, Glimmer and GeneMark)Homology assessment (BLAST and Phamerator)Annotation (Apollo)Comparative analysis (positional and functional)

| Title | Tags |
| --- | --- |
| Archiving Samples | 201925, 2 |

Learning Outcome
Archive phage samples and DNA samples (submit archived phage to HHMI)

compare bacteriophages, including electron microscopy, DNA sequencing, DNA annotation, Genomic and proteomic comparison, mass spectrometry and phylogenetic techniques such as ANI, phylogenetic trees and dot plot analysis.

| Title | Tags |
| --- | --- |
| Communicating science | 202078, 7 |

**Learning Outcome**
Learn about the different methods of presenting scientific findings, including scientific blogs, posters, abstracts, manuscripts and presentations. Learn to write and critique scientific blogs

| Title | Tags |
| --- | --- |
| GenBank | 201999, 4 |

**Learning Outcome**
Analyze, annotate and prepare to submit genome to GenBank (submit if possible)

## MMBIO 221 - General Microbiology

### Course Information

**Teaching Area (new)**
MMBIO
**Course Number**
221
**Teaching Area**
MMBIO
**Course Title**
General Microbiology
**Course Description**
Microbial world, emphasizing communicable diseases, their causes and control.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MMBIO 222 - General Microbiology Laboratory

### Course Information

**Teaching Area (new)**
MMBIO
**Course Number**
222
**Teaching Area**
MMBIO
**Course Title**
General Microbiology Laboratory
**Department**
Microbio & Molecular Biol
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Other Prerequisites**

| Other Prerequisites | Recommended |
| --- | --- |
| Any biology course | Any chemistry course |

**Note**

Recommended for students seeking a liberal education in microbiology who do not have the prerequisites to take the more advanced courses. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/MMBIO-221-M003

| Title | Tags |
| --- | --- |
| 0 | 201860, 0 |

**Learning Outcome**

Explain and discuss the ways by which microbiologists study microorganisms.

| Title | Tags |
| --- | --- |
| 2 | 201898, 3 |

**Learning Outcome**

Propose microbial solutions to global problems.

| Title | Tags |
| --- | --- |
| 4 | 201930, 1 |

**Learning Outcome**

Discuss the principle infectious diseases that affect mankind, including how they are transmitted, treated, controlled and prevented.

| Title | Tags |
| --- | --- |
| 1 | 201949, 2 |

**Learning Outcome**

Differentiate between the types of microorganisms by identifying relevant structure and their function in the biosphere.

| Title | Tags |
| --- | --- |
| 3 | 201995, 4 |

**Learning Outcome**

Describe how the human body defends itself against infectious agents.

| Title | Tags |
| --- | --- |
| Immunity and Microbiology | 201892, 2 |

MMBio 221 or concurrent enrollment

| Title | Tags |
| --- | --- |
| Aseptic Technique | 201903, 1 |

**Learning Outcome**

Use proper aseptic techniques int he handling and transfer of microbiological specimens

| Title | Tags |
| --- | --- |
| Media | 201936, 2 |

**Learning Outcome**

Use standard microbiological media to culture and identify common microbiological specimens

| Title | Tags |
| --- | --- |
| Equipment | 201977, 3 |

**Learning Outcome**

Use standard microbiology laboratory equipment correctly

| Title | Tags |
| --- | --- |
| Microscopy | 201991, 0 |

**Learning Outcome**

Use the bright field microscope to view and interpret microbiological specimens

| Title | Tags |
| --- | --- |
| Microorganisms in life | 202010, 5 |

**Learning Outcome**

Integrate information and skills gained int eh course to make informed judgements about the role of microorganisms in everyday life

| Title | Tags |
| --- | --- |
| Experimental procedure | 202014, 4 |

**Learning Outcome**

Follow an experimental protocol, collect and organize data, present data in an appropriate form, assess the validity of the data, and draw appropriate comclusions based on the results

| Title | Tags |
| --- | --- |
| Safety | 202020, 6 |

Learning Outcome
Describe how the human body defends itself against infectious agents.

| Title | Tags |
| --- | --- |
| Classify Microorganisms | 201939, 0 |

Learning Outcome
Differentiate between the types of microorganisms by identifying relevant structure and their function in the biosphere.

| Title | Tags |
| --- | --- |
| Microbial Solutions | 201943, 3 |

Learning Outcome
Propose microbial solutions to global problems.

| Title | Tags |
| --- | --- |
| Microbiology Techniques | 201997, 1 |

Learning Outcome
Explain and discuss the ways by which microbiologists study microorganisms.

Learning Outcome
Use accepted safety protocols when handling microbiological specimens and chemicals

## MMBIO 240 - Molecular Biology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MMBIO | 240 |

**Teaching Area**
MMBIO
**Course Title**
Molecular Biology
**Course Description**
Fundamentals of protein and nucleic acid structure and their function in the context of the classical experiments that have informed our current models of biology at the molecular level.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

## MMBIO 241 - Molecular and Cellular Biology Laboratory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MMBIO | 241 |

**Teaching Area**
MMBIO
**Course Title**
Molecular and Cellular Biology Laboratory
**Course Description**
Molecular and cellular biology techniques laboratory.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- BIO 130 - Biology
  **OR** MMBIO 121 - General Biology: Health and Disease
  **OR** CELL 120 - Science of Biology

**Additional Comments:**

**Recommended**
Chem 105 or Chem 111
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required.

| Title | Tags |
|---|---|
| Effective Collaboration | 201880, 3 |

**Learning Outcome**
Collaborate with other students to solve challenging problems, to clarify ideas and concepts, and to learn from one another in a spirit of cooperation and integrity

| Title | Tags |
|---|---|
| Molecular Functions, Structures, Processes, and Mechanisms | 201905, 0 |

**Learning Outcome**
Describe and compare the functions and molecular structures of DNA, RNA, and protein, and explain the processes and regulatory mechanisms governing the synthesis of each.

| Title | Tags |
|---|---|
| Molecular Biology Techniques | 201948, 1 |

**Learning Outcome**
Explain a variety of molecular biology techniques, and interpret experimental results obtained using the various methods.

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

**Other Prerequisites**
MMBio 240 or concurrent enrollment
**Note**
Registration questions? Call MMBIO advisor at 801-422-4293.

| Title | Tags |
|---|---|
| Ethics and Integrity | 201857, 1 |

**Learning Outcome**
Practice ethics and integrity by working with groups and following lab rules.*Relates to Program Learning Outcome: A commitment to professional integrity and ethical behavior consistent with themission of the university.

| Title | Tags |
|---|---|
| Experimental Design | 201986, 2 |

**Learning Outcome**
Learn the basics of experimental design, how to formulate a hypothesis, what controls to use, how to interpret experimental data.*Relates to Program Learning Outcome: Devise experiments with appropriate hypothesis and controls.

| Title | Tags |
|---|---|
| Scientific Communication | 202003, 3 |

**Learning Outcome**
Practice scientific communication through written lab questions, exams and oral presentations.*Relates to Program Learning Outcome: Devise experiments with appropriate hypothesis and controls.

| Title | Tags |
|---|---|
| Laboratory Techniques and Practices | 202022, 4 |

**Learning Outcome**
Learn molecular biology laboratory techniques through

practical laboratory exercises. Techniques include, spectrophotometry,isolation of DNA and protein, quantification of DNA and protein, techniques used to purify or detect specific proteins, such aschromatography, western blot and ELISA, DNA fingerprinting, polymerase chain reaction and enzyme assays.*Relates to Program Learning Outcome: Knowledge of principles and techniques of molecular and cellular biology.

| Title | Tags |
| --- | --- |
| Problem Solving | 201988, 2 |

**Learning Outcome**
Solve unfamiliar problems by applying the information and principles mastered through Learning Outcomes 1 and 2

## MMBIO 261 - Infection and Immunity

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MMBIO | 261 |

**Teaching Area**
MMBIO
**Course Title**
Infection and Immunity
**Course Description**
Principles of infectious organisms (principally bacteria and viruses), the diseases they cause, and the role of host immune responses in health and disease.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Immune Defense | 201996, 3 |

**Learning Outcome**
Expand the student's

## MMBIO 294R - Mentored Research

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MMBIO | 294R |

**Teaching Area**
MMBIO
**Course Title**
Mentored Research
**Course Description**
Introduction to mentored research in the fields of Microbiology and Molecular Biology.
**Department**
Microbio & Molecular Biol
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5
**Fixed**
3

**Other Prerequisites**
Mentor's consent.

understanding microbial invaders and their pathogenic mechanisms and acknowledge the miracle of immunedefense. Develop good study habits through participation in group study sessions.• Relates to Program Learning Outcome: “Reflect/discuss/explore how faith in the Lord and Christ-like living are affected by anunderstanding of fundamental biological processes.” As well as develop a “commitment to professional integrity and ethical behaviorconsistent with the mission of the university and accepted standards of professional conduct.”

| Title | Tags |
| --- | --- |
| Immune System | 202011, 1 |

**Learning Outcome**
Understand foundational information about viruses, bacteria and the immune system by studying and reflecting on the topic.• Relates to Microbiology and Molecular Biology Program Learning Outcome: "Exhibit mastery of four of the following six principalareas of the discipline” three of which are medical microbiology, virology, and immunology; and to prepare the student for “furthereducation and/or employment in teaching, basic research, or the health professions.”

| Title | Tags |
| --- | --- |
| Scientific Communication | 202016, 2 |

**Learning Outcome**
Engage in discussions about virology, immunology, and medical microbiology concepts and research to become confident in discussingthese topics in writing or speech.• Relates to Microbiology and Molecular Biology Program Learning Outcome: “Communicate scientific information using both oral and written methods.”

## MMBIO 350 - Genetic Counseling

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
350

**Teaching Area**
MMBIO

**Course Title**
Genetic Counseling

**Course Description**
Preparing students to make critical decisions in the field of human genetics, especially those preparing for a career in genetic counseling. Discussion of the principles of genetics, molecular mechanisms of heredity, how genes affect traits and development, genetic diseases, and technologies used to gather genetic information. The use of genetic information (basic probability, test reliability and sensitivity, and how to evaluate genetic risks). Effective communication of genetic information to others, with an emphasis on empathy and communication in difficult circumstances. The risks and benefits to genetic tests, and the implications of release of genetic information. Evaluation of the moral and ethical implications of human genetic knowledge.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PWS 340 - Genetics

**Additional Comments:**

## MMBIO 360 - Bacterial Genetics

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
360

**Teaching Area**
MMBIO

**Course Title**
Bacterial Genetics

**Course Description**
How DNA governs complex bacterial functions. Classical and modern approaches to gene discovery, including genetic screens, gene mapping, targeted genetic manipulations, and analyzing gene activity.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 240 - Molecular Biology

**Additional Comments:**

## MMBIO 363 - Microbial Ecology

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
363

**Teaching Area**
MMBIO

**Course Title**
Microbial Ecology

**Course Description**
Natural history of a microbe; its distribution and abundance. Critical influence of scale and perspective in determining underlying mechanisms.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 151 - Microbiology for Majors

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 221 - General Microbiology
  **AND** MMBIO 222 - General Microbiology Laboratory

**Additional Comments:**

| Title | Tags |
|---|---|
| Scientific Communication | 201901, 4 |

**Learning Outcome**
Each student will communicate

## MMBIO 364 - Bacterial Pathogenesis.

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
364

**Teaching Area**
MMBIO

**Course Title**
Bacterial Pathogenesis.

**Course Description**
Fundamental principles of bacterial pathogenesis, emphasizing the molecular interactions of medically important bacteria and their hosts.

**Department**
Microbio & Molecular Biol

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 151 - Microbiology for Majors
  **AND** MMBIO 240 - Molecular Biology
  **AND** MMBIO 261 - Infection and Immunity

**Additional Comments:**

| Title | Tags |
|---|---|
| Molecular Tools and Techniques | 201891, 5 |

**Learning Outcome**
Have a basic proficiency in the major current molecular tools and techniques used in bacterial pathogenesis research.

| Title | Tags |
|---|---|
| Research Reporting | 201895, 3 |

Each student will communicate understanding in both written and verbal formats.

| Title | Tags |
| --- | --- |
| Literature Analysis and Critique | 201951, 3 |

**Learning Outcome**
Each student will become proficient at the analysis, interpretation, and critique of the scientific literature associated with this discipline

| Title | Tags |
| --- | --- |
| Religion, Philosophy, and Microbiology | 201978, 5 |

**Learning Outcome**
Each student will have the opportunity to explore the religious, philosophical, and personal aspects of the discipline

| Title | Tags |
| --- | --- |
| Microbial Ecology | 202002, 1 |

**Learning Outcome**
Each student will have a clear understanding and mastery of the discipline of microbial ecology.

| Title | Tags |
| --- | --- |
| Experimental Design | 201952, 0, 2, 2020-08-20 07:33:51 |

**Learning Outcome**
Each student will design and execute original experiments with appropriate hypotheses and controls

**Learning Outcome**
Effectively report in writing the results of your own laboratory research

| Title | Tags |
| --- | --- |
| Research Evaluation | 201926, 2 |

**Learning Outcome**
Read, understand, and evaluate research published in the area of bacterial pathogenesis.

| Title | Tags |
| --- | --- |
| Major Bacterial Pathogens | 201947, 1 |

**Learning Outcome**
Recognize the diseases caused by major bacterial pathogens and understand the features of pathogenic bacteria that enable them to cause disease

| Title | Tags |
| --- | --- |
| Working with Infectious Bacteria | 202028, 4 |

**Learning Outcome**
Work safely and effectively with infectious bacteria.

## MMBIO 365 - Bacterial Pathogenesis Laboratory

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
365

**Teaching Area**
MMBIO

**Course Title**
Bacterial Pathogenesis Laboratory

**Course Description**
Laboratory investigation of processes of bacterial pathogenesis.

**Department**
Microbio & Molecular Biol

**When Taught**
Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 241 - Molecular and Cellular Biology Laboratory
  **AND** MMBIO 261 - Infection and Immunity

**Additional Comments:**

**Other Prerequisites**
MMBio 364 or concurrent enrollment.

## MMBIO 366 - Microbial Ecology Laboratory

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
366

**Teaching Area**
MMBIO

**Course Title**
Microbial Ecology Laboratory

**Course Description**
Laboratory methods in microbial ecology and diversity.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Recommended**
MMBIO 363

## MMBIO 368 - (MMBio-Bio-PWS) Genomics

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
368

**Teaching Area**

## MMBIO 385 - Phage Genetics

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
385

**Teaching Area**

MMBIO
**Course Title**
(MMBio-Bio-PWS) Genomics
**Course Description**
Current analysis of genes and genomes; computational approaches for interpreting genomic data, including genome sequencing and annotation, gene expression and the transcriptome, functional genomics, metagenomics, and genetic variation and SNPs.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 240 - Molecular Biology
  **AND** PWS 340 - Genetics

**Additional Comments:**

| Title | Tags |
|---|---|
| Identify genomic techniques | 214072, 0, 1, 2023-08-29 11:04:16 |

**Learning Outcome**
Students will be able to identify the appropriate technique for a genetic analysis by understanding the following about various techniques: how they work, what they are used for, and what their respective advantages and disadvantages are

| Title | Tags |
|---|---|
| Genome Sequences | 214073, 0, 2, 2023-08-29 11:04:18 |

**Learning Outcome**
Students will be able to describe how genomes are sequenced

MMBIO
**Course Title**
Phage Genetics
**Course Description**
Phage genetics with student-designed experiments.
**Department**
Microbio & Molecular Biol
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 194 - Phage Hunters: Discovery
  **AND** MMBIO 195 - Phage Hunters: Comparative Genomics

**Additional Comments:**

**Other Prerequisites**
By instructor permission only.

how genomes are sequenced.

| Title | Tags |
| --- | --- |
| Evaluate emerging technologies | 214074, 0, 3, 2023-08-29 11:04:21 |

**Learning Outcome**
Students will be able to interpret, assess, and critically evaluate the quality and veracity of new results and techniques in genomics by learning and critically applying their understanding of the biological principles on which current techniques are based

| Title | Tags |
| --- | --- |
| Communicate effectively | 214075, 0, 4, 2023-08-29 11:04:25 |

**Learning Outcome**
Students will be able to communicate technical science to an expert or lay audience by understanding the concepts underlying genomics tools and summarizing these tools orally and in writing, in both technical and non-technical terms

## MMBIO 390R - Readings in Molecular Biology

### Course Information

**Teaching Area (new)**
MMBIO
**Course Number**
390R
**Teaching Area**
MMBIO
**Course Title**
Readings in Molecular Biology
**Course Description**
Selected readings in molecular biology.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**

## MMBIO 399R - Academic Internship

### Course Information

**Teaching Area (new)**
MMBIO
**Course Number**
399R
**Teaching Area**
MMBIO
**Course Title**
Academic Internship
**Course Description**
Approved experiential learning.
**Department**
Microbio & Molecular Biol
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1
**Fixed**
9

### Lecture Hours

**Fixed**
0

Fixed
1

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MMBIO 240 - Molecular Biology

**Additional Comments:**

**Recommended**
PDBio 360

| Title | Tags |
|---|---|
| Critical Analysis | 201865, 2 |

**Learning Outcome**
Gain experience in critically evaluating the current literature in molecular biology.

| Title | Tags |
|---|---|
| Current Literature and Techniques | 201928, 1 |

**Learning Outcome**
Become familiar with the current literature and techniques in molecular biology

| Title | Tags |
|---|---|
| Scientific Communication | 202017, 3 |

**Learning Outcome**
Gain confidence in scientific presentations and discussions.

### Lab Hours

Fixed
40

**Other Prerequisites**
Mentor's consent
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Experimental analysis | 201890, 1 |

**Learning Outcome**
Students will analyze experimental results and draw conclusions.

| Title | Tags |
|---|---|
| Effective communication | 201992, 0, 2 |

**Learning Outcome**
Students will communicate with supervisors and colleagues outside of the university environment. They will present their scientific research.

| Title | Tags |
|---|---|
| Experimental design and experience | 201974, 0, 0 |

**Learning Outcome**
Students will be able to design and perform experiments using the latest techniques.

## MMBIO 405 - Basic Laboratory Operations in Medical Laboratory Science

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
405

**Teaching Area**
MMBIO

**Course Title**
Basic Laboratory Operations in Medical Laboratory Science

**Course Description**
Basic laboratory process and procedures.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Medical Laboratory Science program acceptance.

## MMBIO 406 - Clinical Chemistry

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
406

**Teaching Area**
MMBIO

**Course Title**
Clinical Chemistry

**Course Description**
Laboratory diagnosis of disorders involving the major systems of the human body with clinical chemistry.\n

**Department**
Microbio & Molecular Biol

**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
6

**Other Prerequisites**
Medical laboratory science program acceptance

## MMBIO 407 - Clinical Microbiology

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
407

**Teaching Area**
MMBIO

**Course Title**
Clinical Microbiology

**Course Description**
Approaches to laboratory diagnosis of infectious diseases.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall

### Credit Hours

**Min**

## MMBIO 409 - Hematology

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
409

**Teaching Area**
MMBIO

**Course Title**
Hematology

**Course Description**
The normal physiology of blood and the pathophysiology of anemias, leukemias, and coagulation disorders.

**Department**
Microbio & Molecular Biol

**When Taught**
Winter

### Credit Hours

Min
5

Fixed
5

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
6

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 261 - Infection and Immunity

**Additional Comments:**

Other Prerequisites
Admission to the Medical Laboratory Science program.

| Title | Tags |
| --- | --- |
| Laboratory tests and diagnostics | 201863, 0 |

Learning Outcome
Gain familiarity with the medically important bacteria and fungi by performing the full range of clinical laboratory tests in Microbiology (Prepare, examine and interpret gram stained smears of microorganisms, streak appropriate media for isolation of microorganisms, interpret stains, growth patterns, and biochemical reactions to aid in the identification of microbial organisms) and play a role in the development and evaluation of test systems and interpretive algorithms

| Title | Tags |
| --- | --- |
| Test Systems Development and Evaluation | 201914, 1 |

Learning Outcome
Have diverse responsibilities in areas of analysis and clinical decision-making, regulatory compliance with applicable regulations, education, and

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 240 - Molecular Biology
  **AND** MMBIO 261 - Infection and Immunity

**Additional Comments:**

quality assurance/performance. Demonstrate improvement wherever laboratory testing is researched, developed, or performed. Be able to design experiments, with appropriate controls, to test various hypotheses in clinical Microbiology.

**Title**
Information Processing and Management Systems

**Tags**
201922, 4

**Learning Outcome**
Possess basic knowledge, skills, and relevant experiences for the following:Communications to enable consultative interactions with members of the healthcare team, external relations, customer service, and patient educationFinancial, operations, marketing, and human resource management of the clinical laboratory to enable cost-effective, high-quality, value-added laboratory servicesInformation management to enable effective, timely, accurate, and cost-effective reporting of laboratory-generated information

**Title**
Effective Communication

**Tags**
201968, 2

**Learning Outcome**
Possess basic knowledge, skills, and relevant experiences for the following:Communications to enable consultative interactions with members of the healthcare team, external relations, customer service, and patient educationFinancial, operations, marketing, and human resource management of the clinical laboratory to enable cost-effective, high-quality, value-added laboratory servicesInformation management to enable effective, timely, accurate, and cost-effective reporting of laboratory-generated information

**Title**
Laboratory Management and Organization

**Tags**
201993, 3

**Learning Outcome**
Possess basic knowledge, skills, and relevant experiences for the following:Communications to enable consultative interactions with members of the healthcare team, external relations, customer service, and patient educationFinancial, operations, marketing, and human resource management of the clinical laboratory to enable cost-effective, high-quality, value-added laboratory servicesInformation management to enable effective, timely, accurate, and cost-effective reporting of laboratory-generated information

## MMBIO 410 - Hematology Laboratory

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
410

**Teaching Area**
MMBIO

**Course Title**
Hematology Laboratory

**Course Description**
Training in medical laboratory hematology techniques and the diagnosis of hematological disorders.

**Department**
Microbio & Molecular Biol

**When Taught**
Winter

**Credit Hours**

**Min**
2

**Fixed**
2

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
6

**Other Prerequisites**
Medical Laboratory Science program acceptance.

## MMBIO 411 - Molecular Diagnostics

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
411

**Teaching Area**
MMBIO

**Course Title**
Molecular Diagnostics

**Course Description**
Molecular techniques in medical laboratory sciences.

**Department**
Microbio & Molecular Biol

**When Taught**
Winter

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MMBIO 240 - Molecular Biology
  **AND** MMBIO 241 - Molecular and Cellular Biology Laboratory
  **AND** PWS 340 - Genetics

**Additional Comments:**

## MMBIO 412 - Immunohematology

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
412

**Teaching Area**
MMBIO

**Course Title**
Immunohematology

## MMBIO 418 - Medical Parasitology

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
418

**Teaching Area**
MMBIO

**Course Title**
Medical Parasitology

**Course Description**
Theory and practice of blood banking.
**Department**
Microbio & Molecular Biol
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
6

**Other Prerequisites**
Medical Laboratory Science program acceptance.

| Title | Tags |
| --- | --- |
| MMBio 412, Clinical Immunohematology Course Outcomes | 210066, 0, 1 |

**Learning Outcome**
#1 – Discuss and demonstrate the proper collection, handling, and processing of clinical samples for Immunohematology testing.
#2 - Accurately perform immunohematology tests for the diagnosis of various conditions and interpret the results. Demonstrate competency in areas of analysis and clinical decision-making, regulatory compliance, and quality assurance/performance improvement associated with immunohematology testing.
#3 – Demonstrate competency in the methodologies commonly used in immunohematology testing, including: ABO/Rh testing, Antibody screening tests, antibody identification, antigen typing, quality control, fetal screen, crossmatch, proper labelling of blood for transfusion, blood component preparation and therapy, absorption, and elution techniques.
#4 – Describe the disease processes associated with

**Course Description**
Pathogenesis, diagnosis, and epidemiology of human parasitic diseases.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 240 - Molecular Biology
  **AND** MMBIO 261 - Infection and Immunity

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Experimental Design | 201875, 2 |

**Learning Outcome**
Be able to design experiments, with appropriate controls, to test various hypotheses in parasitology.*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

| Title | Tags |
| --- | --- |
| Parasites and Pathogenesis | 201944, 1 |

**Learning Outcome**
Gain familiarity with the medically important parasites. This includes understanding parasite host range as well as pathology and mechanisms of

processes associated with immunohematology and our role as medical laboratory scientists in meeting the needs of our patients including trauma, hemolytic anemia's, pregnancy, hemolytic disease of the fetus and newborn, surgical blood loss, adverse affects of transfusion, and component preparation/therapy.
* Outcomes will be measured using lecture exams, laboratory exercises, laboratory practical exams. Also upon completion of the MLS program our students take a MLS certification exam administered by the American Society for Clinical Pathology Board of Certification which covers immunohematology.

Perform the full range of clinical laboratory tests in immunohematology.
Link to Program Outcomes: Laboratory Tests and Diagnostics, Critical Thinking
Bottom of Form
Top of Form
Have responsibilities in areas of analysis and clinical decision-making, regulatory compliance with applicable regulations, education, and quality assurance/performance improvement wherever laboratory testing is researched, developed, or performed *Relates to Program Learning Outcome: #2
Link to Program Outcomes: Critical Thinking
Bottom of Form
Top of Form
Possess basic knowledge, skills, and relevant experiences for the following:

Communications to enable consultative interactions with members of the healthcare team, external relations, customer service, and patient education
Financial, operations, marketing, and human resource management of the clinical laboratory to enable cost-effective, high-quality, value-added laboratory services
Information management to enable effective, timely, accurate, and cost-effective reporting of laboratory-generated information

pathogenesis.*Relates to Program Learning Outcome: Exhibit mastery of medical microbiology

| Title | Tags |
| --- | --- |
| Critical Reading and Analysis | 201969, 3 |

**Learning Outcome**
Read and critically interpret current scientific literature in the field of parasitology.*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

| Title | Tags |
| --- | --- |
| Alleviating Suffering | 202025, 4 |

**Learning Outcome**
Students should gain an understanding of their role and responsibility in alleviating suffering caused by parasitic diseases.*Relates to Program Learning Outcome: Reflect/discuss/explore how faith in the Lord and Christ-like living are affected by an understanding of fundamental biological principles.

*Relates to Program Learning Outcome: #3, 4, 5
Link to Program Outcomes: Effective Communication, Laboratory Management and Organization, Information Processing and Management Systems

## MMBIO 419 - Clinical Parasitology Laboratory

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
419

**Teaching Area**
MMBIO

**Course Title**
Clinical Parasitology Laboratory

**Course Description**
Pathogenesis, diagnosis, and epidemiology of human parasitic diseases laboratory.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Note**
For Medical Laboratory Science majors only.

| Title | Tags |
| --- | --- |
| Parasites and Pathogenesis | 210062, 0, 1 |

**Learning Outcome**
Gain familiarity with the medically important parasites. This includes understanding parasite host range as well as pathology and mechanisms of

## MMBIO 441 - Advanced Molecular Biology

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
441

**Teaching Area**
MMBIO

**Course Title**
Advanced Molecular Biology

**Course Description**
Molecular biology of gene structure and expression in prokaryotic and eukaryotic organisms.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 351 - Organic Chemistry 1
  **AND** MMBIO 240 - Molecular Biology

pathogenesis.*Relates to Program Learning Outcome: Exhibit mastery of medical microbiology

| Title | Tags |
| --- | --- |
| Experimental Design | 210063, 0, 2 |

**Learning Outcome**
Be able to design experiments, with appropriate controls, to test various hypotheses in parasitology.*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

| Title | Tags |
| --- | --- |
| Critical Reading and Analysis | 210064, 0, 3 |

**Learning Outcome**
Read and critically interpret current scientific literature in the field of parasitology.*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

| Title | Tags |
| --- | --- |
| Alleviating Suffering | 210065, 0, 4 |

**Learning Outcome**
Students should gain an understanding of their role and responsibility in alleviating suffering caused by parasitic diseases.*Relates to Program Learning Outcome: Reflect/discuss/explore how faith in the Lord and Christ-like living are affected by an understanding of fundamental biological principles.

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 285 - Introductory Bio-organic Chemistry **AND** MMBIO 240 - Molecular Biology

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Current Research Presentation | 201953, 3 |

**Learning Outcome**
Present current research from the scientific literature.*Relates to Program Learning Outcomes: Communicate scientific information using oral methods; interpret, analyze and critique experiments from the primary scientific literature. Presenting research findings through effective oral and written presentations.

| Title | Tags |
| --- | --- |
| Principles of Molecular Biology | 202031, 1 |

**Learning Outcome**
Learn molecular biology principles through study, lecture, and class discussion. An emphasis will be on understanding the experiments used to learn these principles. *Relates to Program Learning Outcome: Knowledge of principles and techniques of molecular and cellular biology preparing students for further education and/or employment.

| Title | Tags |
| --- | --- |
| Experimental Design and Data Interpretation | 202032, 2 |

**Learning Outcome**
Apply the principles learned to design experiments and properly interpret experimental data. *Relates to Program Learning Outcome: Proficiency in formulating research projects

| Title | Tags |
| --- | --- |
| Integrity and Ethical Behavior | 202033, 4 |

**Learning Outcome**
Demonstrate integrity and ethical behavior during all class work.

*Relates to Program
Learning Outcome: Commitment to professional integrity and ethical behavior consistent with the mission of the University.

## MMBIO 442 - Advanced Molecular Biology Laboratory

### Course Information

**Teaching Area (new)**
MMBIO
**Course Number**
442
**Teaching Area**
MMBIO
**Course Title**
Advanced Molecular Biology Laboratory
**Course Description**
Laboratory to accompany MMBio 441.
**Department**
Microbio & Molecular Biol
**When Taught**
Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- MMBIO 241 - Molecular and Cellular Biology Laboratory

**Additional Comments:**

**Other Prerequisites**
MMBio 441 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Experimental Design | 201876. 2 |

## MMBIO 461 - Advanced Bacterial Physiology

### Course Information

**Teaching Area (new)**
MMBIO
**Course Number**
461
**Teaching Area**
MMBIO
**Course Title**
Advanced Bacterial Physiology
**Course Description**
Principles of prokaryotic physiology, including cell structure and function, gene regulation, and biochemical processes; focusing on the unique aspects of prokaryotic biology.
**Department**
Microbio & Molecular Biol
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- MMBIO 151 - Microbiology for Majors

Prerequisites

Learning Outcome
Apply the techniques to design experiments with appropriate hypotheses and controls and properly interpret experimental data*Relates to Program Learning Outcome: Devise experiments with appropriate hypothesis and controls

| Title | Tags |
| --- | --- |
| Scientific Communication | 201935, 3 |

Learning Outcome
Practice scientific communication and record-keeping through the completion of a laboratory notebook and answering written and oral questions and presentations.*Relates to Program Learning Outcome: Demonstrate Communication skills in presenting research findings through effective oral and written presentations.

| Title | Tags |
| --- | --- |
| Independent Experiments | 201937, 4 |

Learning Outcome
Design and carry out independent experiments*Relates to Program Learning Outcome: Devise experiments with appropriate hypothesis and controls

| Title | Tags |
| --- | --- |
| Laboratory Techniques | 201989, 1 |

Learning Outcome
Learn molecular biology laboratory techniques through hands-on experience. Techniques will include DNA and RNA isolation, PCR, microRNA isolation, northern blotting, RFLP analysis, site-directed mutagenisis, protein extraction and EMSA.*Relates to Program Learning Outcome: Knowledge of principles and techniques of molecular and cellular biology

**Complete ALL of the following Courses:**

- MMBIO 221 - General Microbiology

**Additional Comments:**

Recommended
MMBio 240

| Title | Tags |
| --- | --- |
| Scientific Review | 201861, 3 |

Learning Outcome
Students will write a scientific review article on a topic of their choice related to microbial physiology.

| Title | Tags |
| --- | --- |
| Microbial Physiology | 201982, 1 |

Learning Outcome
Students will demonstrate an advanced understanding of selected topics in microbial physiology (cell structure, growth, biosynthesis, transport, etc.) through their participation in classroom discussions, writing assignments and oral presentations.

| Title | Tags |
| --- | --- |
| Critical Thinking, Research, and Reporting | 202026, 2 |

Learning Outcome
Students will demonstrate the ability to read, comprehend and communicate current research in microbial physiology by making Powerpoint presentations to the class.

## MMBIO 463 - Immunology

## MMBIO 465 - Virology

## Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
463

**Teaching Area**
MMBIO

**Course Title**
Immunology

**Course Description**
Advanced concepts of immunological processes.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 240 - Molecular Biology
  **AND** MMBIO 261 - Infection and Immunity

**Additional Comments:**

**Title**
Scientific Communication and Presentation

**Tags**
201894, 4

**Learning Outcome**
Engage in discussions about concepts in immunology and research. Present a PowerPoint on a particular immunological topic. Engage in a question and answer session on the content. Write an easy on a chosen subject relating to recent immunological advances.*Relates to Program Learning Outcome: Communicate scientific

## Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
465

**Teaching Area**
MMBIO

**Course Title**
Virology

**Course Description**
Basic principles of virology, emphasizing selected molecular aspects of virus life cycles and disease processes.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 240 - Molecular Biology
  **AND** MMBIO 261 - Infection and Immunity

**Additional Comments:**

**Title**
Virology Fundamentals

**Tags**
201868, 1

**Learning Outcome**
Be able to answer basic questions about Virology: Why are viruses organized as they are? How do viruses replicate? How do viruses cause disease? What are the interactions between viruses and the host immune system? How to prevent/treat/cure viral infections? How can viruses be used as tools to study biological processes and for gene transfer?

information using both oral and written methods.

| Title | Tags |
| --- | --- |
| Divine Design of the Immune System | 201920, 5 |

**Learning Outcome**
Develop a deep appreciation for our Heavenly Father and his love for each of us by engaging in studying how he designed the immune system to protect his children from disease.*Relates to Program Learning Outcome: Reflect/ discuss/ explore how faith in the Lord, and Christ like living are affected by an understanding of the fundamental biological processes.

| Title | Tags |
| --- | --- |
| Research Evaluation | 201970, 3 |

**Learning Outcome**
Read and understand current publications in Immunology and be able to discuss and critically evaluate experiments and data*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

| Title | Tags |
| --- | --- |
| Advanced Immunology | 201979, 1 |

**Learning Outcome**
Understanding advanced concepts of Immunology by studying and reflecting on the subject.*Relates to Program Learning Outcome: Exhibit mastery of four of the principle areas of the discipline

| Title | Tags |
| --- | --- |
| Experimental Design and Evaluation | 202023, 2 |

**Learning Outcome**
Understands experimental designs used in immunology research and determine the soundness of the immunological data.*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

How can an understanding of viruses help you in your future career? *Relates to Program Learning Outcome: “Exhibit mastery of four of the principal areas of the discipline”, one of which is Virology.

| Title | Tags |
| --- | --- |
| Alleviating Human Suffering | 201887, 4 |

**Learning Outcome**
Understand how research of viruses “by study and also by faith” can lead to alleviation of human disease and suffering.*Relates to Program Learning Outcome: “Reflect/discuss/explore how faith in the Lord and Christ-like living are affected by an understanding of fundamental biological processes”

| Title | Tags |
| --- | --- |
| Experimental Tools | 201911, 2 |

**Learning Outcome**
Understand experimental tools used to study viruses (these are broadly applicable to molecular biology, cell biology, and microbiology) and be able to develop experiments and interpret data.*Relates to Program Learning Outcomes: “Devise experiments with appropriate hypotheses and controls” and “Interpret experiments from primary scientific literature”

| Title | Tags |
| --- | --- |
| Scientific Writing | 201946, 3 |

**Learning Outcome**
Write about a current, pressing issue in the field of Virology.*Relates to Program Learning Outcome: “Communicate scientific information”

## MMBIO 466 - Virology Laboratory

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
466

**Teaching Area**
MMBIO

**Course Title**
Virology Laboratory

**Course Description**
Laboratory exercises illustrating in vitro behavior of selected viruses. Developing laboratory skills for virus studies.

**Department**
Microbio & Molecular Biol

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
MMBio 261; or MMBio 465 or concurrent enrollment

**Title**
Viral Cultures

**Tags**
201883, 1

**Learning Outcome**
Be able to gain hands-on experience in the ability to characterize various aspects of viral infections based upon cultured eukaryotic cells.

**Title**
Serological Tests

**Tags**
201924, 3

**Learning Outcome**
Be able to determine if a human has been previously exposed to a specific virus by perform serological tests.

## MMBIO 467 - Immunology Lab

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
467

**Teaching Area**
MMBIO

**Course Title**
Immunology Lab

**Course Description**
Laboratory exercises in advanced concepts of immunological processes.

**Department**
Microbio & Molecular Biol

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
MMBio 261; or 463 or concurrent enrollment

**Title**
Lab Notebook

**Tags**
201921, 1

**Learning Outcome**
Maintain a research lab book with experimental protocol, data, and discussion of results.

**Title**
Immunology Concepts

**Tags**
201964, 2

**Learning Outcome**
Understand advanced laboratory concepts of Immunology by completing protocols and experiments

| Title | Tags |
| --- | --- |
| Stock Titrating | 201961, 2 |

**Learning Outcome**
Be able to titrate virus stocks.

| Title | Tags |
| --- | --- |
| Experimental Design and Analysis | 201975, 3 |

**Learning Outcome**
Understand experimental design used in immunology research and determine the soundness of immunological data according to the design and controls used in the experiment.

| Title | Tags |
| --- | --- |
| Experimental Data | 201987, 4 |

**Learning Outcome**
Obtain and interpret experimental data.

| Title | Tags |
| --- | --- |
| Mentoring and Collaboration | 202034, 5 |

**Learning Outcome**
Expand the student's understanding of immunology research and acknowledge the miracle of immunological processes.Develop good social skills through participation in laboratory experiments with other students.

## MMBIO 471 - Applied and Industrial Microbiology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MMBIO | 471 |

**Teaching Area**
MMBIO
**Course Title**
Applied and Industrial Microbiology
**Course Description**
Science of the microbiological tests performed in various industries. Sterilization, aseptic processing, pharmaceutical, manufacturing, water treatment, and food microbiology.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

## MMBIO 490R - Molecular Biology Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MMBIO | 490R |

**Teaching Area**
MMBIO
**Course Title**
Molecular Biology Seminar
**Course Description**
Critical examination of current literature and research in molecular biology.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Other Prerequisites
MMBIO students only. Juniors, seniors, & graduate students only.

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Other Prerequisites
MMBio 441 or concurrent enrollment; senior status.

| Title | Tags |
|---|---|
| Network with current researchers | 201867, 1 |

Learning Outcome
Network and talk to prominent researchers in the field

| Title | Tags |
|---|---|
| Current research | 201881, 0 |

Learning Outcome
Describe the current research in the field of molecular biology

| Title | Tags |
|---|---|
| Research Analysis | 201918, 2 |

Learning Outcome
Analyze current research and experimental design.

## MMBIO 491 - Concept Applications in Laboratory Medicine

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MMBIO | 491 |

Teaching Area
MMBIO
Course Title
Concept Applications in Laboratory Medicine
Course Description
Case presentations of various medical disorders.
Department
Microbio & Molecular Biol
When Taught
Fall and Winter

### Credit Hours

Min
1

## MMBIO 493R - Curriculum and Instruction Practicum

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MMBIO | 493R |

Teaching Area
MMBIO
Course Title
Curriculum and Instruction Practicum
Course Description
Implementing active learning strategies in teaching microbiology and molecular biology.
Department
Microbio & Molecular Biol
When Taught
Contact Department

### Credit Hours

Min

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Other Prerequisites
Acceptance into medical laboratory science program
Note
For permission to register, call Life Sciences Advisement at 801-422-3042.

| Title | Tags |
| --- | --- |
| Data and Symptom Interpretation | 201984, 1 |

Learning Outcome
This course is designed to allow the student to interpret, evaluate, and correlate laboratory data and clinical symptoms pertaining to specific disease states. Each week several students will present case study presentations covering current lecture content. For example, week two covers carbohydrate metabolism and related disease processes so the assigned students will present patient data focusing on a specific disease such as diabetes mellitus, including symptoms, laboratory findings and treatment.

| Title | Tags |
| --- | --- |
| Attendance | 202013, 2 |

Learning Outcome
To receive a passing grade for this course, it is expected that the student will attend all weekly sessions ON TIME with no more than one excused absence permitted and present at least one case study during the semester. Class will be held on each Friday of the semester at 9 a.m.

2

Fixed
2

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
3

Other Prerequisites
By instructor permission only.

Recommended
MMBIO 240; MMBIO 221; MMBIO 151

## MMBIO 494R - Advanced Mentored

## MMBIO 496R - Clinical Experience

# MMBIO 494R - Advanced Mentored Research

## Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
494R

**Teaching Area**
MMBIO

**Course Title**
Advanced Mentored Research

**Course Description**
Advanced mentored research in microbiology and molecular biology topics.

**Department**
Microbio & Molecular Biol

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Mentor's consent.

| Title | Tags |
|---|---|
| Research Experience | 201866, 1 |

**Learning Outcome**
Perform current techniques and carry out experiments in a professional manner. Gather data and evaluate results.

| Title | Tags |
|---|---|
| Scientific Communication-Research | 201896, 2 |

**Learning Outcome**
Properly notate work and results in a scientific notebook.
Participate in the preparation of scientific papers and presentations.

| Title | Tags |
|---|---|
| Experimental design | 201923, 3 |

**Learning Outcome**
Develop, design and troubleshoot experimental procedures.

| Title | Tags |
|---|---|
| Mentoring and collaboration | 201941, 4 |

**Learning Outcome**
Form relationships with a research mentor and other

# MMBIO 496R - Clinical Experience

## Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
496R

**Teaching Area**
MMBIO

**Course Title**
Clinical Experience

**Course Description**
Students will perform the full range of clinical laboratory tests in an affiliated clinical facility. A variable option of 16 to 24 weeks with a minimum of one semester of enrollment.

**Department**
Microbio & Molecular Biol

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
12

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 406 - Clinical Chemistry
  **AND** MMBIO 409 - Hematology

**Additional Comments:**

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Clinical experience | 201990, 0, 0 |

**Learning Outcome**
Upon completion of the MMBio 496R Internship the student will be able to:

Perform the full range of clinical laboratory tests. *Relates to Program Learning Outcome: #1

research mentor and other students in the lab. Begin networking and professional activities.

**Title**
Scientific Communication-primary literature

**Tags**
201971, 5

**Learning Outcome**
Read, and use primary literature to design experiements and advance a project. Present and evaluate articles from the primary literature

Competently fulfill diverse responsibilities in areas of analysis and clinical decision-making, regulatory compliance with applicable regulations, education, and quality assurance/performance improvement wherever laboratory testing is researched, developed, or performed *Relates to Program Learning Outcome: #2
Utilize basic knowledge, skills, and relevant experiences in the following medical laboratory contexts:
Communications to enable consultative interactions with members of the healthcare team, external relations, customer service, and patient education
Financial, operations, marketing, and human resource management of the clinical laboratory to enable cost-effective, high-quality, value-added laboratory services
Information management to enable effective, timely, accurate, and cost-effective reporting of laboratory-generated information *Relates to Program Learning Outcome: #3, 4, 5

## MMBIO 498 - Reflections on Learning

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
498

**Teaching Area**
MMBIO

**Course Title**
Reflections on Learning

**Course Description**
Provide an opportunity for students to reflect on the learning experience at BYU prior to graduation.

**Department**
Microbio & Molecular Biol

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0

**Fixed**
0

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Note**
This class is only for Microbiology and Molecular Biology Majors who entered the program in Fall 2022 or later and is to be taken the last semester/term before graduation

## MMBIO 510 - History and Philosophy of Microbiology and Molecular Biology

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
510

**Teaching Area**
MMBIO

**Course Title**
History and Philosophy of Microbiology and Molecular Biology

**Course Description**
Exploring the historical and philosophical context of great discoveries in microbiology and molecular biology through readings, group discussions, and analytical writing.

**Department**
Microbio & Molecular Biol

**When Taught**
Summer Term

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Title**
Historical Perspective

**Tags**
201870, 0

**Learning Outcome**
The objective of this course is to examine the lives and accomplishments of a few of our science ancestors creating a clearer perspective of our place in the constellation of our science.

## MMBIO 518 - Select Pathogens

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
518

**Teaching Area**

## MMBIO 522 - Flow Cytometry

### Course Information

**Teaching Area (new)**
MMBIO

**Course Number**
522

**Teaching Area**

MMBIO
**Course Title**
Select Pathogens
**Course Description**
Current literature in special pathogens.
**Department**
Microbio & Molecular Biol
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
MMBio 221 or equivalent

| Title | Tags |
|---|---|
| Biosafety awareness | 201884, 0 |

**Learning Outcome**
Understand the procedures, practices, and facilities required for biosafety levels 1-4.

| Title | Tags |
|---|---|
| Bioterrorism | 201942, 1 |

**Learning Outcome**
Understand the basic parameters of bioterrorism and the current threats

| Title | Tags |
|---|---|
| CDC classification | 201976, 2 |

**Learning Outcome**
Understand the current CDC classification of select agents.

| Title | Tags |
|---|---|
| Select agent biology | 201980, 3 |

**Learning Outcome**
Understand the basic biological

MMBIO
**Course Title**
Flow Cytometry
**Course Description**
The theory and instrumentation of flow cytometry, including current applications and hands-on training.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

characteristics of each select agent, their virulence mechanisms, and their interaction with various hosts.

| Title | Tags |
| --- | --- |
| Students' choice | 202007, 5 |

**Learning Outcome**

(Individual – Please write your own in the space above)

| Title | Tags |
| --- | --- |
| Bioweapons | 202008, 4 |

**Learning Outcome**
Understand how select agents have been used and could be used as bioweapons.

## MMBIO 528R - Scientific Literacy

### Course Information

**Teaching Area (new)**
MMBIO
**Course Number**
528
**Teaching Area**
MMBIO
**Course Title**
Scientific Literacy
**Course Description**
This is a graduate course with the goal of enabling graduate students to develop skills for finding, reading, and presenting current scientific literature.
**Department**
Microbio & Molecular Biol
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**

## MMBIO 551R - Current Topics in Microbiology and Molecular Biology

### Course Information

**Teaching Area (new)**
MMBIO
**Course Number**
551R
**Teaching Area**
MMBIO
**Course Title**
Current Topics in Microbiology and Molecular Biology
**Course Description**
Readings from current literature on a specific topic; student presentations and discussion.
**Department**
Microbio & Molecular Biol
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
2

| Title | Tags |
| --- | --- |
| Primary literature | 201886, 0 |

**Learning Outcome**
Students will be able to read, interpret, understand and evaluate current primary literature

0

| Title | Tags |
| --- | --- |
| Scientific Literacy | 214076, 0, 1, 2023-08-29 11:05:18 |

Learning Outcome
Students will read and comprehend reports in the current scientific literature regarding microbiology, molecular biology, and bioinformatic research.

| Title | Tags |
| --- | --- |
| Scientific Presentation | 214077, 0, 2, 2023-08-29 11:05:24 |

Learning Outcome
Students will develop skills in making effective scientific presentations using high standards of clarity, relevance, and logic.

| Title | Tags |
| --- | --- |
| Scientific Literature Review | 214078, 0, 3, 2023-08-29 11:05:25 |

Learning Outcome
Students will develop the skills to be confident in exploring scientific literature and finding unanswered scientific questions, even outside of your expertise.

| Title | Tags |
| --- | --- |
| Scientific Communication | 201938, 2 |

Learning Outcome
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

| Title | Tags |
| --- | --- |
| Scientific Communication | 201945, 2 |

Learning Outcome
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

| Title | Tags |
| --- | --- |
| Primary literature | 201954, 0 |

Learning Outcome
Students will be able to read, interpret, understand and evaluate current primary literature

| Title | Tags |
| --- | --- |
| Current Topics | 201973, 1 |

Learning Outcome
Students will describe in depth current topics in molecular or microbiology

| Title | Tags |
| --- | --- |
| Current Topics | 202030, 1 |

Learning Outcome
Students will describe in depth current topics in molecular or microbiology

| Title | Tags |
| --- | --- |
| Scientific Communication | 202041, 1 |

Learning Outcome
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

| Title | Tags |
| --- | --- |
| Current Topics | 202042, 2 |

Learning Outcome
Students will describe in depth

current topics in molecular or microbiology

| Title | Tags |
| --- | --- |
| Primary literature | 202043, 3 |

**Learning Outcome**
Students will be able to read, interpret, understand and evaluate current primary literature

| Title | Tags |
| --- | --- |
| Scientific Communication | 202044, 1 |

**Learning Outcome**
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

| Title | Tags |
| --- | --- |
| Primary literature | 202045, 2 |

**Learning Outcome**
Students will be able to read, interpret, understand and evaluate current primary literature

| Title | Tags |
| --- | --- |
| Current Topics | 202046, 3 |

**Learning Outcome**
Students will describe in depth current topics in molecular or microbiology

| Title | Tags |
| --- | --- |
| Scientific Communication | 202047, 1 |

**Learning Outcome**
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

| Title | Tags |
| --- | --- |
| Primary literature | 202048, 2 |

**Learning Outcome**
Students will be able to read, interpret, understand and evaluate current primary literature

| Title | Tags |
| --- | --- |
| Current Topics | 202049, 3 |

**Learning Outcome**
Students will describe in depth current topics in molecular or microbiology

| Title | Tags |
| --- | --- |
| Scientific Communication | 202050, 1 |

**Learning Outcome**
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

| Title | Tags |
| --- | --- |
| Primary literature | 202051, 2 |

**Learning Outcome**
Students will be able to read, interpret, understand and evaluate current primary literature

| Title | Tags |
| --- | --- |
| Current Topics | 202052, 3 |

**Learning Outcome**
Students will describe in depth current topics in molecular or microbiology

| Title | Tags |
| --- | --- |
| Scientific Communication | 202053, 1 |

**Learning Outcome**
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

| Title | Tags |
| --- | --- |
| Primary literature | 202054, 2 |

**Learning Outcome**
Students will be able to read, interpret, understand and evaluate current primary literature

| Title | Tags |
| --- | --- |
| Current Topics | 202055, 3 |

**Learning Outcome**
Students will describe in depth

current topics in molecular or microbiology

| Title | Tags |
| --- | --- |
| Scientific Communication | 202056, 1 |

**Learning Outcome**
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

| Title | Tags |
| --- | --- |
| Primary literature | 202057, 2 |

**Learning Outcome**
Students will be able to read, interpret, understand and evaluate current primary literature

| Title | Tags |
| --- | --- |
| Current Topics | 202058, 3 |

**Learning Outcome**
Students will describe in depth current topics in molecular or microbiology

| Title | Tags |
| --- | --- |
| Experimental Research Design | 202059, 2 |

**Learning Outcome**
Design and conduct research experiments with appropriate positive and negative controls.

| Title | Tags |
| --- | --- |
| Basic molecular biology techniques | 202060, 1 |

**Learning Outcome**
Learn basic Molecular biology techniques including but not limited to:

Plasmid construction
PCR
Primer design
Cloning procedures
DNA transformation procedures
Basic bacterial growth protocols
Enzyme assays (B-gal, etc.)
Maintaining and modifying primer, plasmid and strain databases
Maintaining a proper notebook

| Title | Tags |
| --- | --- |
| Analyze Scientific Articles | 202061, 3 |

**Learning Outcome**
Learn how to read and analyze scientific articles.

| Title | Tags |
| --- | --- |
| Basic molecular biology techniques | 202062, 1 |

**Learning Outcome**
Learn basic Molecular biology techniques including but not limited to:

Plasmid construction
PCR
Primer design
Cloning procedures
DNA transformation procedures
Basic bacterial growth protocols
Enzyme assays (B-gal, etc.)
Maintaining and modifying primer, plasmid and strain databases
Maintaining a proper notebook

| Title | Tags |
| --- | --- |
| Experimental Research Design | 202063, 2 |

**Learning Outcome**
Design and conduct research experiments with appropriate positive and negative controls.

| Title | Tags |
| --- | --- |
| Analyze Scientific Articles | 202064, 3 |

**Learning Outcome**
Learn how to read and analyze scientific articles.

| Title | Tags |
| --- | --- |
| Basic molecular biology techniques | 202065, 1 |

**Learning Outcome**
Learn basic Molecular biology techniques including but not limited to:

Plasmid construction
PCR

PCR
Primer design
Cloning procedures
DNA transformation procedures
Basic bacterial growth protocols
Enzyme assays (B-gal, etc.)
Maintaining and modifying primer, plasmid and strain databases
Maintaining a proper notebook

| Title | Tags |
| --- | --- |
| Experimental Research Design | 202066, 2 |

**Learning Outcome**

Design and conduct research experiments with appropriate positive and negative controls.

| Title | Tags |
| --- | --- |
| Analyze Scientific Articles | 202067, 3 |

**Learning Outcome**
Learn how to read and analyze scientific articles.

## MONGO 100 - Language Study: Mongolian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MONGO | 100 |

**Teaching Area**
MONGO
**Course Title**
Language Study: Mongolian
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Mongolian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**

## MONGO 101 - First-Year Language Study: Mongolian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MONGO | 101 |

**Teaching Area**
MONGO
**Course Title**
First-Year Language Study: Mongolian
**Course Description**
Beginning speaking, listening, reading, and writing skills in Mongolian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 197837, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197838, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197839, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

Fixed
5

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 197840, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197841, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197842, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197843, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## MONGO 102 - First-Year Language Study: Mongolian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MONGO | 102 |

Teaching Area
MONGO
Course Title

## MONGO 201 - Second-Year Language Study: Mongolian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MONGO | 201 |

Teaching Area
MONGO
Course Title

First-Year Language Study: Mongolian

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Mongolian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MONGO 101 - First-Year Language Study: Mongolian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 197844, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 197845, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Second-Year Language Study: Mongolian

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Mongolian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MONGO 102 - First-Year Language Study: Mongolian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197848, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197849, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Writing | 197846, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197847, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Grammar | 197850, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 197851, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## MONGO 202 - Second-Year Language Study: Mongolian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MONGO | 202 |

**Teaching Area**
MONGO
**Course Title**
Second-Year Language Study: Mongolian
**Course Description**
Continued emphasis on Mongolian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

## MONGO 305 - Language Skills Development: Mongolian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MONGO | 305 |

**Teaching Area**
MONGO
**Course Title**
Language Skills Development: Mongolian
**Course Description**
Increasing proficiency in one or more of the following Mongolian language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197856, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MONGO 201 - Second-Year Language Study: Mongolian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197852, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197853, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197854, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197855, 4 |

**Learning Outcome**
Complete Languages of Learning

| Title | Tags |
|---|---|
| Communication | 197857, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197858, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

and Global & Cultural Awareness
for General Education.

## MONGO 321 - Advanced Grammar: Mongolian

### Course Information

**Teaching Area (new)**
MONGO
**Course Number**
321
**Teaching Area**
MONGO
**Course Title**
Advanced Grammar: Mongolian
**Course Description**
Systematic review of grammar and syntax of Mongolian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MONGO 202 - Second-Year Language Study: Mongolian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197859, 1 |

**Learning Outcome**
Analyze target language

## MONGO 330 - Advanced Language Proficiency Through Cultural Studies: Mongolian

### Course Information

**Teaching Area (new)**
MONGO
**Course Number**
330
**Teaching Area**
MONGO
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Mongolian
**Course Description**
Study of Mongolian culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Mongo 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 197862, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197860, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197861, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

| Title | Tags |
| --- | --- |
| Comprehension | 197863, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197864, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197865, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## MONGO 340 - Introduction to Literature: Mongolian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MONGO | 340 |

**Teaching Area**
MONGO
**Course Title**
Introduction to Literature: Mongolian
**Course Description**
Advanced study of Mongolian literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

**Credit Hours**

## MONGO 350 - Advanced Language Study for Career Purposes: Mongolian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MONGO | 350 |

**Teaching Area**
MONGO
**Course Title**
Advanced Language Study for Career Purposes: Mongolian
**Course Description**
Concentration on Mongolian language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

**Credit Hours**

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MONGO 330 - Advanced Language Proficiency Through Cultural Studies: Mongolian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197866, 1 |

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197867, 2 |

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197868, 3 |

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197869, 4 |

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MONGO 330 - Advanced Language Proficiency Through Cultural Studies: Mongolian

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197870, 1 |

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197871, 2 |

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 197872, 3 |

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Language Skills | 197869, 4 |
|---|---|

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

| Title | Tags |
|---|---|
| Communicative Competence | 197873, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197874, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## MPA 588 - Healthcare Industry Dynamics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MPA | 588 |

**Teaching Area**
MPA
**Course Title**
Healthcare Industry Dynamics
**Course Description**
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare (e.g., accounting, data analytics, ethics, finance, human resources, information systems, marketing, operations, organizational behavior, strategy, supply chain management, and other specializations).
**Department**
Public Service and Ethics
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## MSB 180 - Business Career Lecture Series

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MSB | 180 |

**Teaching Area**
MSB
**Course Title**
Business Career Lecture Series
**Course Description**
Lecture series exploring various business career alternatives.
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**

Fixed
3

### Lab Hours

Fixed
0

Title
Understand the Healthcare Industry
Tags
214708, 0, 1

Learning Outcome
Demonstrate an understanding of the various components of the healthcare industry

Title
Apply Functional Specialties to Healthcare
Tags
214709, 0, 2

Learning Outcome
Apply functional specialties to challenges specific to the healthcare industry

Title
Work in Teams
Tags
214710, 0, 3

Learning Outcome
Demonstrate an ability to function in a team setting

Title
Articulate Healthcare Industry Complexities
Tags
214711, 0, 4

Learning Outcome
Articulate the most important complexities of the healthcare industry

0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

Title
Career Alternatives
Tags
176095, 3

Learning Outcome
Understand the important relationship between lifestyle decisions and career decisions.

Title
Leadership
Tags
176201, 2

Learning Outcome
Understand how leadership can be practiced at every level in an organization and at every stage of one's life.

Title
Ethical challenges and choices
Tags
176204, 0

Learning Outcome
Recognize and resolve ethical challenges and choices in specific organizational contexts.

Title
Commitment to living principles of gospel
Tags
176316, 1

Learning Outcome
Be committed to living the principles of the restored gospel in all circumstances, personal and professional.

## MSB 199R - Academic Internship

### Course Information

Teaching Area (new)
MSB
Course Number
199R
Teaching Area
MSB
Course Title
Academic Internship
Course Description
Supervised experience for Pre-Business students in business related work. Opportunity to link learning with practical field applications.
When Taught

## MSB 201 - Introduction to Business

### Course Information

Course Number
201
Teaching Area
MSB
Course Title
Introduction to Business
Course Description
Explore why and how people interact in organizations. Apply and integrate core business skills and principles to ethically and effectively lead and improve businesses and nonprofits, products and services.

When Taught
All Semesters/Terms

**Credit Hours**

Min
0.5

Fixed
3

Other Prerequisites
Application and approval required

Recommended
Visit BYU Marriott School of Business Undergraduate Advisement Center in 460 TNRB

Note
An APPROVED Internship Application is required before adding. Students must contact the Internship Office immediately after registering to learn about class requirements (460 TNRB, 801-422-4573, msm_internship@byu.edu).

[illegible] communities and families, teams and individuals.

Department
1007

When Taught
Fall and Winter

**Credit Hours**

Fixed
3

**Lecture Hours**

Fixed
3

Title
Explore interactions and connections in organizations

Tags
214090, 0, 1, 2023-08-29 11:07:22

Learning Outcome
Explore why and how people interact and connect in businesses and organizations, building on concepts of demand and supply, market systems, and functionalism

Title
Use ethical leadership and core management principles

Tags
214091, 0, 2, 2023-08-29 11:07:25

Learning Outcome
Use ethical leadership and core management principles to design improvements in different settings, including one's chosen field of study or contribution

Title
Apply core management skills and analyses

Tags
214092, 0, 3, 2023-08-29 11:07:27

Learning Outcome
Proficiently apply core management skills and analyses to improve and manage organizations, products, and services. Core business functions in the course include Marketing, Global Supply Chain, Information Systems, Accounting, Finance, Human Resources. Additional disciplines in the course include Ethics, Public Administration, Strategy, Entrepreneurship, Experience Design, and Personal Consumer Finance.

| Title | Learning Outcome |
| --- | --- |
| Develop cross-functional critical thinking | Develop cross-functional critical thinking skills through real-world integrative cases, simulations, and problem-solving experiences |

## MSB 205R - Planning for Financial Security at Retirement

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
205R

**Teaching Area**
MSB

**Course Title**
Planning for Financial Security at Retirement

**Course Description**
Fundamentals of good financial management necessary for successful retirement.

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

## MSB 250 - Financial Management

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
250

**Teaching Area**
MSB

**Course Title**
Financial Management

**Course Description**
Financial statement analysis, financial planning, sources of financing, working capital management, risk and return, and valuation.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Acc 200 or equivalent

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags | Learning Outcome |
| --- | --- | --- |
| Computing Value | 176035, 4 | Be able to value firms, bonds, and stocks. |

| Title | Tags |
| --- | --- |
| Financial Forecast | 176038, 1 |

**Learning Outcome**
Construct a financial forecast for a term.

| Title | Tags |
| --- | --- |
| Fundamental Analysis | 176139, 0 |

**Learning Outcome**
Use fundamental analysis to conduct a firm performance evaluation.

| Title | Tags |
| --- | --- |
| Capital Budgeting | 176173, 3 |

**Learning Outcome**
Make corporate investment decisions using capital budgeting.

| Title | Tags |
| --- | --- |
| Time Value of Money | 176194, 2 |

**Learning Outcome**
Employ time value of money to solve common financial problems.

| Title | Tags |
| --- | --- |
| Entrepreneurial and Corporate Finance | 176208, 5 |

**Learning Outcome**
Understand how entrepreneurial and corporate finance differ.

## MSB 288 - Healthcare Industry Dynamics

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
288

**Teaching Area**
MSB

**Course Title**
Healthcare Industry Dynamics

**Course Description**
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare (e.g., accounting, data analytics, ethics, finance, human resources, information systems, marketing, operations, organizational behavior, strategy, supply chain management, and other specializations).

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MSB 289R - Healthcare Leadership Lecture Series

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
289R

**Teaching Area**
MSB

**Course Title**
Healthcare Leadership Lecture Series

**Course Description**
Top executives share insights about the healthcare industry and related career opportunities.\n

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

## MSB 300 - Leadership and the Gospel of Jesus Christ

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
300

**Teaching Area**
MSB

**Course Title**
Leadership and the Gospel of Jesus Christ

**Course Description**
Introduction to leadership in principles, practice, and lives of leaders-especially lives of students. Examine leadership as an important dimension of becoming a disciple of Jesus Christ. Study of personal and organizational aspects of leadership, using historical and biographical materials, including cases and gospel principles.

**When Taught**
Fall and Winter

## MSB 310 - Becoming a Disciple Leader

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
310

**Teaching Area**
MSB

**Course Title**
Becoming a Disciple Leader

**Course Description**
Capstone designed to help students discover leadership capabilities and develop ability to lead as a disciple of Jesus Christ. Application of principles of leadership and of the Gospel. Discover personal strengths, gifts, and missions, and develop skills and commitments essential for working with and through others to improve organizations of all kinds-families, Church, work, and communities.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- MSB 300 - Leadership and the Gospel of Jesus Christ

Prerequisites

**Complete ALL of the following Courses:**

- HRM 300 - Organizational Behavior

**Additional Comments:**

**Recommended**
We recommend that students complete MSB 300 and HRM 300 before taking MSB 310. However, students are required to take either MSB 300 or HRM 300 before taking MSB 310.

## MSB 325 - Introductory Business Analytics

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
325

**Teaching Area**
MSB

**Course Title**
Introductory Business Analytics

**Course Description**
Fundamental principles and skills for data preparation, data visualization, and regression analysis using analytics software.

**When Taught**
Fall and Winter

## MSB 326 - Career Development and Student Mentoring

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
326

**Teaching Area**
MSB

**Course Title**
Career Development and Student Mentoring

**Course Description**
Introduction to the resources, services, and opportunities for career development available to business management majors. Specific projects include developing a career plan, refining interviewing and networking skills, and interacting individually with a mentor well-

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
IS 201

established in a directly relevant career.

When Taught
Winter

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Other Prerequisites
For Marriott School General Business majors only.

| Title | Tags |
| --- | --- |
| Resources | 177172, 2 |

Learning Outcome
Know the job resources, services, and opportunities available in the Marriott School.

| Title | Tags |
| --- | --- |
| Job Search Skills | 177173, 1 |

Learning Outcome
Create an effective resume, improve interviewing skills, and understanding and engaging in networking.

| Title | Tags |
| --- | --- |
| Mentors | 177174, 3 |

Learning Outcome
Understand how to select and work with a mentor.

## MSB 341 - Product Management

### Course Information

Course Number
341
Teaching Area
MSB

## MSB 342 - Product Career Lecture Series

### Course Information

Course Number
342
Teaching Area
MSB

**Course Title**
Product Management
**Course Description**
Introduces product-strategy skills, including market analysis and product development/launch/lifecycle management, with a focus on cross-functional collaboration with UX, design, engineering, marketing, sales, operations, and support to effectively meet customer needs.
**Department**
1007
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Title**
Customer experience research and analysis
**Tags**
214093, 0, 1, 2023-08-29 11:07:31

**Learning Outcome**
Effectively and efficiently conduct primary customer experience research and analysis, leverage the diversity of customer perpspectives

**Title**
Market opportunity analysis
**Tags**
214094, 0, 2, 2023-08-29 11:07:33

**Learning Outcome**
Identify new opportunities and effectively assess using competitive market analysis and other assessment frameworks

**Title**
Product roadmap planning
**Tags**
214095, 0, 3, 2023-08-29 11:07:35

**Learning Outcome**
Determine and communicate product feature sets and roadmaps using evidence and organized frameworks

**Title**
Cross-functional team leadership skills
**Tags**
214096, 0, 4, 2023-08-29 11:07:37

**Learning Outcome**
Effectively manage communication, coordination,

**Course Title**
Product Career Lecture Series
**Course Description**
Lectures by product management professionals to introduce students to nature of work and opportunities in the field.
**Department**
1007
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
1

**Title**
Professional knowledge
**Tags**
214098, 0, 1, 2023-08-29 11:07:40

**Learning Outcome**
Understand the roles, work, and career progression in product management

and collaborative efforts in cross-functional teams, and foster and incorporate the diversity inherent in these groups

| Title | Tags |
| --- | --- |
| Project management skills | 214097, 0, 5, 2023-08-29 11:07:38 |

**Learning Outcome**
Implement approaches for effective and efficient project management

## MSB 360 - Professional Ethics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MSB | 360 |

**Teaching Area**
MSB
**Course Title**
Professional Ethics
**Course Description**
Analyzing ethical dilemmas and understanding ethical theories as they apply to decision making in management.
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

## MSB 375 - Social Impact: Do Good Better

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MSB | 375 |

**Teaching Area**
MSB
**Course Title**
Social Impact: Do Good Better
**Course Description**
Focuses on the most prominent approaches used in social impact and social innovation. Students develop skills in analyzing social ventures, including theory of change, solution evaluation, and social impact measurement; and leave with the confidence to pursue a life of purpose.
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## MSB 376 - Social Impact: Leveraging Organizations

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
376

**Teaching Area**
MSB

**Course Title**
Social Impact: Leveraging Organizations

**Course Description**
Identify how organizations, within and across government, nonprofit and business sectors, can become broader vehicles of collective social impact. Each sector's rationale and potential for social impact and what makes organizations within each sector unique, and how organizations across sectors can work together for maximum social impact.

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
MSB 375

## MSB 377 - Human-Centered Design Thinking for Social Impact

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
377

**Teaching Area**
MSB

**Course Title**
Human-Centered Design Thinking for Social Impact

**Course Description**
Apply a systematic human-centered approach to social innovation and creative problem solving. Learn tools and techniques focused on empathizing with the beneficiaries of the innovation, defining the beneficiaries' needs, ideating to create ideas for innovative solutions, prototyping creative solutions, and testing those solutions.

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
MSB 375

## MSB 378 - Evaluating Social Impact

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
378

**Teaching Area**
MSB

**Course Title**
Evaluating Social Impact

**Course Description**
Introduce students to the theory and practice of social impact measurement. Examine the need for social impact measurement, identify several competing contemporary approaches to social impact measurement, and compare and contrast the methods and effectiveness of different approaches as applied by organizations.

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
MSB 375

## MSB 380 - Executive Lectures

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
380

**Teaching Area**
MSB

**Course Title**
Executive Lectures

**Course Description**
Lectures by top executives on subjects significant to executive leadership.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Title**
Ethical Challenges

**Tags**
176049, 1

**Learning Outcome**
Recognize and resolve ethical challenges and choices in specific organizational contexts.

**Title**
Leadership

**Tags**
176128, 2

**Learning Outcome**
Understand how leadership can be practiced at every level in an organization and at every stage of one's life.

## MSB 381R - Social Impact Lecture Series

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
381R

**Teaching Area**
MSB

**Course Title**
Social Impact Lecture Series

**Course Description**
Lecture by successful social entrepreneurs and employees of high-impact social ventures significant to social impact.

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
1

**Fixed**
1

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
0

## MSB 382 - Healthcare Delivery Management

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
382

**Teaching Area**
MSB

**Course Title**
Healthcare Delivery Management

**Course Description**
An overview of healthcare delivery management for healthcare providers. Comprises a broad study of the various components within the healthcare industry including, but not limited to, healthcare services delivery, benchmarking principles, best practices, peer review, risk management, process improvement, performance improvement, measurement tools, utilization, case management, technology assessment, and decision support.

**Department**
1007

**When Taught**
Fall

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MSB 288 - Healthcare Industry Dynamics

**Additional Comments:**

**Other Prerequisites**

## MSB 383 - Healthcare Law and Regulations

### Course Information

## MSB 385R - Healthcare Industry Research

### Course Information

## Course Information

**Teaching Area (new)**
MSB

**Course Number**
383

**Teaching Area**
MSB

**Course Title**
Healthcare Law and Regulations

**Course Description**
An overview of healthcare law needed to identify legal issues inherent in the healthcare industry. This includes a review of the many facets pertaining to the principles of law and ethics in the U.S. healthcare system including healthcare organizations, pharmaceutical and medical technology companies, health insurers, hospitals, healthcare providers, etc. These topics include, but are not limited to: patients' rights, privacy, security, liability, confidentiality, informed consent, licensing, healthcare reform, etc.

**Department**
1007

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Completion Requirement

**Additional Comments:**
MSB288 Healthcare Industry Dynamics

| Title | Tags |
| --- | --- |
| Components of Healthcare Law | 214099, 0, 1, 2023-08-29 11:07:43 |

**Learning Outcome**
Identify and analyze the principles of law and ethics in the U.S. healthcare legal system as applied in healthcare organizations.

| Title | Tags |
| --- | --- |
| Analyze Layers of Healthcare Law | 214100, 0, 2, 2023-08-29 11:07:46 |

**Learning Outcome**

## Course Information

**Teaching Area (new)**
MSB

**Course Number**
385R

**Teaching Area**
MSB

**Course Title**
Healthcare Industry Research

**Course Description**
An opportunity for students to collaborate with faculty, students, and industry partners around the world on healthcare research. Students will generate knowledge on relevant healthcareindustrytopics based on rigorous academic research partnered with industry leaders while increasing experiential learning and enhancing critical thinking and research skills.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

Analyze and debate the multifaceted layers that comprise the U.S. healthcare legal system, including patients' rights, confidentiality, liability, etc.

**Title**
Compare and Contrast Legal System

**Tags**
214101, 0, 3, 2023-08-29 11:07:48

**Learning Outcome**
Compare and contrast the variable components pertaining to the U.S. healthcare legal system.

## MSB 386 - Healthcare Finance

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
386

**Teaching Area**
MSB

**Course Title**
Healthcare Finance

**Course Description**
Exploration of the background, stakeholders, principles, and complexity of the U.S. healthcare payment system to give students insights into systems thinking, managerial concepts, market trends, and the overlay of government regulation and policy of a multi-trillion dollar industry.

**Department**
1007

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

## MSB 390 - Ethics for Management

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
390

**Teaching Area**
MSB

**Course Title**
Ethics for Management

**Course Description**
Analyzing ethical dilemmas and understanding ethical theories as they apply to decision making in management.

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
For Marriott School majors only.

**Title**
Influences in Judgement

**Tags**
176076, 2

**Learning Outcome**

**Prerequisite**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MSB 288 - Healthcare Industry Dynamics

**Additional Comments:**

| Title | Tags |
|---|---|
| Health insurance knowledge | 214102, 0, 1, 2023-08-29 11:07:50 |

**Learning Outcome**
Participate knowledgeably in an employer's health insurance decision.

| Title | Tags |
|---|---|
| Policy challenges | 214103, 0, 2, 2023-08-29 11:07:52 |

**Learning Outcome**
Articulate public policy challenges in healthcare from multiple perspectives.

| Title | Tags |
|---|---|
| Policy evaluation | 214104, 0, 3, 2023-08-29 11:07:54 |

**Learning Outcome**
Evaluate health policy proposals based on their merits and likely impact.

| Title | Tags |
|---|---|
| Health insurance functional areas | 214105, 0, 4, 2023-08-29 11:07:55 |

**Learning Outcome**
Identify major functional areas of health insurance and the management challenges associated with each.

| Title | Tags |
|---|---|
| Policy statements | 214106, 0, 5, 2023-08-29 11:07:57 |

**Learning Outcome**
Negotiate and draft policy statements.

**Learning Outcome**
Recognize how individual differences and cognitive barriers can influence ethical judgment.

| Title | Tags |
|---|---|
| Personal Values | 176129, 4 |

**Learning Outcome**
Identify and prioritize personal values and apply those to making ethical decisions.

| Title | Tags |
|---|---|
| Common Ethical Issues | 176138, 0 |

**Learning Outcome**
Identify and address common ethical issues that arise for individuals, managers, and organizations.

| Title | Tags |
|---|---|
| Resolve Ethical Dilemmas | 176186, 1 |

**Learning Outcome**
Use contemporary and classic frameworks to analyze and suggest resolutions to ethical dilemmas.

| Title | Tags |
|---|---|
| Organizational Systems and Ethics | 176205, 3 |

**Learning Outcome**
Identify key organizational tools, policies, systems, and laws that apply to managing ethical conduct.

## MSB 409 - Leading with Purpose

### Course Information
**Course Number**
409

## MSB 430 - Introduction to International Business

### Course Information

409
**Teaching Area**
MSB
**Course Title**
Leading with Purpose
**Course Description**
Learn how to grow as a purpose-driven leader by looking at lessons from business leaders who exemplify Christlike attributes. We'll explore how business can make money and also transform the world for good. You'll be able to identify an organization's purpose, build a strategy around that purpose, and create a company culture to fulfill that purpose.
**Department**
Management
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

| Title | Learning Outcome |
|---|---|
| Authentic Leadership | Lead in a way that is core to who you are as a unique individual and child of God |
| Purpose-Driven Management | Create an environment that unleashes human goodness in support of greater stewardship of God's planet and people |
| Dual-Outcome Strategy Management | Develop a corporate strategy to help magnify your company's stewardship while maximizing long-term profits |
| Cultural Alignment | Evaluate corporate culture alignment with broader organizational purpose |
| Purpose Impact Evaluation | Assess the impact of purpose-driven initiatives |

**Teaching Area (new)**
MSB
**Course Number**
430
**Teaching Area**
MSB
**Course Title**
Introduction to International Business
**Course Description**
Complexities confronting U.S. firms and their management in international environments. Emphasizes functional and planning areas, including organization, market research, financial analysis.
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags | Learning Outcome |
|---|---|---|
| International Business Patterns | 176227, 0 | Gain and articulate an overview of current international business patterns, with an emphasis on what makes international business different from domestic business. |
| International Social Systems | 176306, 1 | Understand the social systems within countries and describe how they affect the conduct of business from one country to another. |
| Develop Critical Thinking | 176307, 2 | |

| Title | Learning Outcome |
| --- | --- |
| Human Capital Sustainability | Apply strategies to nurture and instill a growth mindset, enhancing adaptability and resilience in evolving business landscapes |

**Learning Outcome**
Demonstrate critical thinking as a student of international business.

| Title | Tags |
| --- | --- |
| Analyze, Apply, Articulate | 176308, 3 |

**Learning Outcome**
Analyze cases, apply business principles to international settings, and articulate findings in class discussions.

| Title | Tags |
| --- | --- |
| Communicate effectively | 177157, 4 |

**Learning Outcome**
Create coherent and memorable presentations and present the content to the class.

## MSB 432 - International Business and Culture

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
432

**Teaching Area**
MSB

**Course Title**
International Business and Culture

**Course Description**
Understand how national culture influences make international business interactions successful and how decision making is impacted based upon global cultural differences.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MBA 584 - Introduction to Global Management

Prerequisites

**Complete ALL of the following Courses:**
- MSB 430 - Introduction to International Business

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in MSB 430 or MBA 584 is allowed.

## MSB 471R - Social Venture Academy Consulting

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
471R

**Teaching Area**
MSB

**Course Title**
Social Venture Academy Consulting

**Course Description**
Consult with other student social entrepreneurs in their ventures. Covers essential concepts for social entrepreneurship, including lean startup methods, design thinking, impact measurement, and nonprofit/for-profit startup issues. Assignments will be tied to specific consulting projects, regular reporting, and completion of curriculum material.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
3

#### Lecture Hours

**Fixed**
1.5

#### Lab Hours

**Fixed**
1.5

**Note**
Students must apply for a spot in the class. For more on how to apply, visit socialventure.byu.edu.

## MSB 472R - Ballard Brief

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
472R

**Teaching Area**
MSB

**Course Title**
Ballard Brief

**Course Description**
Write an issue brief intended for publication in the Ballard Brief. The issue brief should reflect deep research and excellent writing on a social impact topic of wide concern to inform the general public on key issues and interventions. The writing process provides an opportunity to learn best practices in problem mastery and impact evaluation. Work with and be accountable to the Ballard Brief editorial team. \n

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lab Hours

**Fixed**
1.5

**Note**
Students must apply for a spot in the class. For more on how to apply, please email ballardbrief@gmail.com.

## MSB 474R - Creating Virtuous Organizations

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
474R

**Teaching Area**
MSB

**Course Title**
Creating Virtuous Organizations

**Course Description**
This course is a learn-do-become initiative in the Marriott School of Business that promotes the practice of virtuous business principles. The course identifies the cornerstones of theory on which market systems are built, identifies principles and practices for virtuous business, and connects with businesses and other organizations to refine, teach, and apply these principles and practices.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## MSB 475R - GoodMeasure

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
475R

**Teaching Area**
MSB

**Course Title**
GoodMeasure

**Course Description**
GoodMeasure is a learn-do-become initiative that focuses on the practice of social impact measurement. Students will be equipped to strategically use data to manage, evaluate, and achieve the desired outcomes of their programs. This is accomplished through faculty-supported semi-professional consultancies with government, business, and nonprofit community partner organizations, wherein student teams contribute to the design, gathering, and analysis of social impact data.

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

## MSB 481 - Advanced Social Impact

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
481

**Teaching Area**
MSB

**Course Title**
Advanced Social Impact

**Course Description**
Focuses on the study of high-impact social benefit organizations in nonprofit, governmental, church, education, for-profit, and hybrid environments. Advanced focus on using measurement and evaluation metrics to support long term project funding.

**When Taught**
Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

## MSB 482 - Impact Investing

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
482

**Teaching Area**
MSB

**Course Title**
Impact Investing

**Course Description**
Impact investing markets, analysis, due diligence, and practice.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
N/A

**Recommended**
N/A

## MSB 483 - Advanced Impact Investing

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
483

**Teaching Area**
MSB

**Course Title**
Advanced Impact Investing

**Course Description**
Advanced focus of impact investing due diligence and analysis methods. Practical application of these skills on current impact investment opportunities.\n\n

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## MSB 484 - Corporate Social Impact

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
484

**Teaching Area**
MSB

**Course Title**
Corporate Social Impact

**Course Description**
Introduction to corporate led efforts in social impact. Shareholder, management, and employee views of corporate social impact (CSI) efforts. Frameworks for understanding increasing efforts by corporations to show demonstrable outcomes of their CSI efforts.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## MSB 490R - Topics in Business Management

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
490R

**Teaching Area**
MSB

**Course Title**
Topics in Business Management

**Course Description**
Current business-related topics varying by semester and section.

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor permission only.

## MSB 491R - Topics In Social Impact

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
491R

**Teaching Area**
MSB

**Course Title**
Topics In Social Impact

**Course Description**
Current social impact-related topics varying by semester and section.

**Department**
1007

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
3

| Title | Tags |
| --- | --- |
| Social Impact Concepts and Tools | 214107, 0, 1, 2023-08-29 11:08:01 |

**Learning Outcome**
Demonstrate an ability to apply relevant social impact concepts and tools with existing social benefit organizations.

| Title | Tags |
| --- | --- |
| Portfolio Skills | 214108, 0, 2, 2023-08-29 11:08:03 |

**Learning Outcome**
Create additions to student's resume portfolio that demonstrates relevant skills and outputs.

| Title | Tags |
| --- | --- |
| Facilitate Connections | 214109, 0, 3, 2023-08-29 11:08:05 |

**Learning Outcome**
Identify social impact organizations and careers that can best facilitate social impact.

## MSB 492R - Social Impact Projects

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
492R

**Teaching Area**
MSB

**Course Title**
Social Impact Projects

**Course Description**
Direct, practical on-campus and off-campus experience interning and consulting with established and recognized social innovators and their social ventures. Students apply to be involved in specific projects and are accepted to work on specific projects based on their skills.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
1.5

## MSB 494R - On-Campus Experiential Projects

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
494R

**Teaching Area**
MSB

**Course Title**
On-Campus Experiential Projects

**Course Description**
Direct, practical on-campus (not in the field) professional experience consulting with established and startup companies and organizations. Students are accepted to work on specific projects based on their skills, interests, and major emphasis. Students apply to be involved in specific projects.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
1

**Note**
Sec. 1, 2, and 3 of On-Campus Internships is for most business topics and is open to all majors. Students must complete the online application at OCI.byu.edu to participate in this class. In addition to class, students will meet throughout the week with their OCI team and Organization sponsor. Due to the nature of this class, students cannot add the class after first class period of the semester.

## MSB 495R - E-Business Projects.

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
495R

**Teaching Area**
MSB

**Course Title**
E-Business Projects.

**Course Description**
Consulting/Field studies projects in e-business.

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

## MSB 496R - Academic Internship

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
496R

**Teaching Area**
MSB

**Course Title**
Academic Internship

**Course Description**
Supervised experience for business majors either in business-related work. Opportunity to link learning with practical field applications.

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**

## MSB 571 - Ethics for Accounting Professionals

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
571

**Teaching Area**
MSB

**Course Title**
Ethics for Accounting Professionals

**Course Description**
Introduction to ethical theory and its application to managerial and accounting issues.

**When Taught**
Fall, Winter, Spring

#### Credit Hours

0.5

**Fixed**
3

**Other Prerequisites**
Application and approval required

**Recommended**
Visit BYU Marriott School of Business Undergraduate Advisement Center in 460 TNRB

**Note**
An APPROVED Internship Application is required before adding. Students must contact the Internship Office immediately after registering to learn about class requirements (460 TNRB, 801-422-4573, msm_internship@byu.edu).

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Acc 406 or acceptance into the School of Accountancy.

**Title**
Common Ethical Issues

**Tags**
175106, 2

**Learning Outcome**
Identify and address common ethical issues that arise for individuals, managers, and organizations.

**Title**
Resolve Ethical Dilemmas

**Tags**
175107, 4

**Learning Outcome**
Use contemporary and classic frameworks to analyze and suggest resolutions to ethical dilemmas.

**Title**
Influences in Judgement

**Tags**
175108, 3

**Learning Outcome**
Recognize how individual differences and cognitive barriers can influence ethical judgment.

**Title**
Organizational Systems and Ethics

**Tags**
175109, 5

**Learning Outcome**
Identify key organizational tools, policies, systems, and laws that apply to managing ethical conduct.

**Title**

**Tags**

| Title | Tags |
| --- | --- |
| Personal Values | 175110, 1 |

**Learning Outcome**
Identify and prioritize personal values and apply those to making ethical decisions.

## MSB 572 - Ethics for Information Systems Managers

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
572

**Teaching Area**
MSB

**Course Title**
Ethics for Information Systems Managers

**Course Description**
Ethical theory and its application to managerial and information systems issues.

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into the MISM program.

| Title | Tags |
| --- | --- |
| Common Ethical Issues | 175771, 2 |

**Learning Outcome**
Identify and address common ethical issues that arise for individuals, managers, and organizations.

| Title | Tags |
| --- | --- |
| Resolve Ethical Dilemmas | 175772, 4 |

**Learning Outcome**

## MSB 589R - Healthcare Leadership Lecture Series

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
589R

**Teaching Area**
MSB

**Course Title**
Healthcare Leadership Lecture Series

**Course Description**
Top executives share insights about the healthcare industry and related career opportunities.

**When Taught**
Fall

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

Use contemporary and classic frameworks to analyze and suggest resolutions to ethical dilemmas.

| Title | Tags |
| --- | --- |
| Influences in Judgement | 175773, 3 |

**Learning Outcome**
Recognize how individual differences and cognitive barriers can influence ethical judgment.

| Title | Tags |
| --- | --- |
| Organizational Systems and Ethics | 175774, 5 |

**Learning Outcome**

Identify key organizational tools, policies, systems, and laws that apply to managing ethical conduct.

| Title | Tags |
| --- | --- |
| Personal Values | 175775, 1 |

**Learning Outcome**
Identify and prioritize personal values and apply those to making ethical decisions.

## MSB 596R - Business English

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business English

**Course Description**
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MSB 596R - Business Portuguese

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business Portuguese

**Course Description**
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Business language classes do not count for emphasis classes.

## MSB 596R - Business German

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business German

**Course Description**
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Business language classes do not count for emphasis classes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

## MSB 596R - Business Arabic

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business Arabic

**Course Description**
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

## MSB 596R - Business Chinese

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business Chinese

**Course Description**
For experienced speakers of the language. Emphasizes business concepts; practice and case study including conversing, reading, and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MSB 596R - Business Italian

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business Italian

**Course Description**
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MSB 596R - Business Language

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business Language

**Course Description**
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## MSB 596R - Business Korean

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business Korean

**Course Description**
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

## MSB 596R - Business Spanish

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business Spanish

**Course Description**
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Business language classes do not count for emphasis classes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

## MSB 596R - Business French

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business French

**Course Description**
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Business language classes do not count for emphasis classes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

## MSB 596R - Business Russian

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business Russian

**Course Description**
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

## MSB 596R - Business Japanese

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
596R

**Teaching Area**
MSB

**Course Title**
Business Japanese

**Course Description**
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

**When Taught**
Fall and Winter

**Credit Hours**

Min
3

Fixed
3

**Lecture Hours**

Fixed
3

**Lab Hours**

Fixed
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

## MSB 599R - Healthcare Internship

### Course Information

**Teaching Area (new)**
MSB

**Course Number**
599R

**Teaching Area**
MSB

**Course Title**
Healthcare Internship

**Course Description**
Provide students with real-world experience in local hospitals to prepare for careers in healthcare management.

**When Taught**
All Semesters/Terms

**Credit Hours**

Min

## MSB588 - Healthcare Industry Dynamics

### Course Information

**Course Number**
588

**Teaching Area**
MSB

**Course Title**
Healthcare Industry Dynamics

**Course Description**
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare.

**Department**
1007

**When Taught**
Fall and Winter

0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Title**
Understand the Healthcare Industry

**Tags**
214110, 0, 1, 2023-08-29 11:08:12

**Learning Outcome**
Demonstrate an understanding of the various components of the healthcare industry

**Title**
Apply Functional Specialties to Healthcare

**Tags**
214111, 0, 2, 2023-08-29 11:08:14

**Learning Outcome**
Apply functional specialties to challenges specific to the healthcare industry

**Title**
Work in Teams

**Tags**
214112, 0, 3, 2023-08-29 11:08:15

**Learning Outcome**
Demonstrate an ability to function in a team setting

**Title**
Articulate Healthcare Industry Complexities

**Tags**
214113, 0, 4, 2023-08-29 11:08:16

**Learning Outcome**
Articulate the most important complexities of the healthcare industry

## MTHED 101 - Introduction to Mathematics Education

### Course Information

**Teaching Area (new)**
MTHED

**Course Number**
101

**Teaching Area**
MTHED

**Course Title**
Introduction to Mathematics Education

## MTHED 177 - Critical Review of School Mathematics

### Course Information

**Teaching Area (new)**
MTHED

**Course Number**
177

**Teaching Area**
MTHED

**Course Title**
Critical Review of School Mathematics

Course Description
Introduction to the field of mathematics education. Background on the nature of mathematics, its teaching and learning. Program and teacher certification requirements are also discussed.
Department
Mathematics Education
When Taught
Fall Term 1; Winter Term 1.

### Credit Hours

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Mathematical Learners | 205147, 1 |

Learning Outcome
Students understand that all learners can learn mathematics and should be viewed as legitimate mathematical thinkers.

| Title | Tags |
| --- | --- |
| Mathematics Instruction | 205148, 2 |

Learning Outcome
Students recognize that mathematics instruction is best done when learners are placed in problem solving, sense making situations that allow them to reason and collaborate with their peers.

| Title | Tags |
| --- | --- |
| Mathematics | 205149, 3 |

Learning Outcome
Students have an understanding that mathematics is about problem solving and sense making rather than about solving procedures.

Course Description
Strengthen understanding of middle-school mathematics with an emphasis on multiplicative structures, proportionality and linearity; gain awareness as mathematics learners in learning communities; learn how to support collaborative communities as teachers.
Department
Mathematics Education
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 112 - Calculus 1

**Additional Comments:**

Recommended
Math 113 recommended for Mathematics Education pre-majors

| Title | Tags |
| --- | --- |
| Mathematical Exploration | 205028, 2 |

Learning Outcome
Students can engage in meaningful mathematical exploration, are willing and able to approach and solve challenging mathematics problems, and can reflect on their own learning to make inferences about how adolescents learn mathematics.

| Title | Tags |
| --- | --- |
| Mathematical Understanding | 205029, 3 |

Learning Outcome

Students know and can describe what it means to understand mathematics relationally, can demonstrate mathematical understanding by creating and evaluating conceptually-oriented mathematical explanations, and can explain why conceptually-oriented mathematics instruction is essential for supporting adolescents' learning of mathematics.

| Title | Tags |
| --- | --- |
| Mathematics | 207314, 1 |

**Learning Outcome**
Students have a deep understanding of select central concepts of middle school mathematics, with significant attention to multiplicative structures, proportionality and linearity, as well as core representations, canonical examples, and alternative algorithms germane to teaching these select concepts. Other learning outcomes in the course are situated in the mathematics of multiplicative structures, proportionality and linearity.

| Title | Tags |
| --- | --- |
| Mathematics Instruction | 207315, 4 |

**Learning Outcome**
Students recognize that mathematics instruction that does not build relational understanding has failed a majority of adolescents, even themselves, and is particularly detrimental to adolescents from historically marginalized populations, and that they have a moral obligation to seek the necessary knowledge and expertise to teach mathematics in ways that enable all adolescents to develop conceptual understanding, procedural fluency, and facility with authentic mathematical practices.

## MTHED 276 - Exploration of Mathematics Teaching

## MTHED 277 - Task Design for Student Learning

## Teaching

### Course Information

**Teaching Area (new)**
MTHED

**Course Number**
276

**Teaching Area**
MTHED

**Course Title**
Exploration of Mathematics Teaching

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching mathematics to secondary students.

**Department**
Mathematics Education

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra
  **AND** MATH 290 - Fundamentals of Mathematics
  **AND** MTHED 177 - Critical Review of School Mathematics

Prerequisites

**Complete ALL of the following Courses:**
- MATH 290 - Fundamentals of Mathematics
  **AND**
  **AND** MTHED 177 - Critical Review of School Mathematics

**Additional Comments:**

**Other Prerequisites**
FBI fingerprint and background clearance.

## Learning

### Course Information

**Teaching Area (new)**
MTHED

**Course Number**
277

**Teaching Area**
MTHED

**Course Title**
Task Design for Student Learning

**Course Description**
Strengthen understanding of high-school mathematics, with an emphasis on algebra and functions, in the context of selecting, modifying, and creating tasks that support students' development of both conceptual understanding and procedural fluency.

**Department**
Mathematics Education

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MTHED 177 - Critical Review of School Mathematics
  **AND** MTHED 276 - Exploration of Mathematics Teaching

**Additional Comments:**

**Title**
Task Design for Personal Growth and Stewardship

**Tags**
205094, 5

**Learning Outcome**
Students recognize and can explain how the thoughtful use of mathematical tasks can enable them to reflect on and improve their instruction, and how such use can nurture and empower adolescents to draw upon their

| Title | Tags |
| --- | --- |
| Mathematical Practices | 205031, 1 |

**Learning Outcome**
Students understand authentic mathematical practices and use them to engage in meaningful mathematical exploration and reflect on their own use of these practices to make inferences about how adolescents might engage in mathematical tasks.

| Title | Tags |
| --- | --- |
| Philosophy of Teaching and Learning Mathematics | 205032, 2 |

**Learning Outcome**
Students articulate a philosophy of teaching and learning mathematics based on the professional standards for teaching mathematics, the moral dimensions of teaching, and the INTASC standards.

| Title | Tags |
| --- | --- |
| Aligning Curriculum and Instructional Goals | 205033, 3 |

**Learning Outcome**
Students can use curriculum guides such as the NCTM content standards or the Common Core State Standards to trace the K-12 development of a select central concept of mathematics as a means for planning instruction appropriate to a particular grade level and topic.

| Title | Tags |
| --- | --- |
| Analyzing Classroom Instruction | 205034, 4 |

**Learning Outcome**
Students can analyze and describe the mathematical experiences of adolescents in terms of the tasks, discourse and learning environments they observe in public school classrooms, and can reconcile the theoretical principles of their university experience with the reality of a secondary classroom.

| Title | Tags |
| --- | --- |
| The Equity Principle | 207316, 5 |

**Learning Outcome**
divine potential, intelligence, and capabilities to learn and do mathematics.

| Title | Tags |
| --- | --- |
| Mathematics | 207303, 0 |

**Learning Outcome**
Students have a deep understanding of select central concepts of high school mathematics with a significant attention to algebra and functions, as well as core representations, canonical examples, and alternative algorithms germane to teaching these concepts. Other learning outcomes in the course are situated in the mathematics of algebra and functions.

| Title | Tags |
| --- | --- |
| Identifying Concepts and Procedures | 207304, 1 |

**Learning Outcome**
Students can analyze a section in a textbook or curricular unit, a specific mathematical topic, or a task to identify and describe the important mathematical concepts and procedures related to that section, topic, or task.

| Title | Tags |
| --- | --- |
| Task Analysis | 207305, 2 |

**Learning Outcome**
Students can use their knowledge of mathematics and how adolescents learn mathematics to analyze a task in order to anticipate the type of mathematics learning it might foster or reveal.

| Title | Tags |
| --- | --- |
| Task Design for Learning | 207306, 3 |

**Learning Outcome**
Students understand how mathematical tasks can support adolescents' development of conceptual understanding and procedural fluency, and can use that understanding to design mathematical tasks that allow adolescents to use their prior knowledge and experiences to

Students identify a range of positions that are available to adolescents in particular mathematics classrooms. Students understand what it means to believe that "all adolescents can learn mathematics."

develop understanding of particular concepts and procedures.

| Title | Tags |
| --- | --- |
| Task Design for Promoting Equity | 207307, 4 |

**Learning Outcome**
Students understand that who adolescents are becoming is dependent on what positions are offered to adolescents by teachers, other adolescents, themselves, and mathematical tasks, and understand how tasks can be used to promote social justice.

## MTHED 278 - Assessment of Student Learning

### Course Information

**Teaching Area (new)**
MTHED
**Course Number**
278
**Teaching Area**
MTHED
**Course Title**
Assessment of Student Learning
**Course Description**
Strengthen understanding of high-school mathematics, with an emphasis on transformational geometry and trigonometry, in the context of creating and critiquing formative and summative assessments that support students' development of both conceptual understanding and procedural fluency.
**Department**
Mathematics Education
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## MTHED 300 - (MthEd-Math) History and Philosophy of Mathematics.

### Course Information

**Teaching Area (new)**
MTHED
**Course Number**
300
**Teaching Area**
MTHED
**Course Title**
(MthEd-Math) History and Philosophy of Mathematics.
**Course Description**
Historical development of important mathematical ideas and philosophies; implications for the mathematical curriculum.
**Department**
Mathematics Education
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MTHED 177 - Critical Review of School Mathematics
  **AND** MTHED 276 - Exploration of Mathematics Teaching
  **AND** MTHED 277 - Task Design for Student Learning

**Additional Comments:**

**Note**
MthEd 277 to be completed or concurrent enrollment in.

| Title | Tags |
| --- | --- |
| Mathematics | 207308, 1 |

**Learning Outcome**
Students have a deep understanding of select central concepts of high school mathematics, with significant attention to transformational geometry and trigonometry, as well as core representations, canonical examples, and alternative algorithms germaine to teaching these concepts. Other learning outcomes in the course are situated in the mathematics of transformational geometry and trigonometry.

| Title | Tags |
| --- | --- |
| Interpreting Evidence of Mathematical Thinking | 207309, 2 |

**Learning Outcome**
Students can interpret evidence of mathematical thinking as demonstrated in adolescents' use of diagrams, discourse, physical models or symbolic notation, and use these multiple sources of evidence to assess mathematical understanding.

| Title | Tags |
| --- | --- |
| Formative Assessment | 207310, 3 |

**Learning Outcome**
Students can critique, modify and create formative assessment tasks that provide evidence and insight into adolescents' understanding of particular concepts and procedures, and plan formative questions for use during instruction. Students can use formative assessment

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 113 - Calculus 2

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Historical Development of Concepts and Practices | 205090, 2 |

**Learning Outcome**
Students understand and can describe the historical development of concepts and practices central to school mathematics, including numeration, arithmetic, algebra, geometry, calculus, and probability.

| Title | Tags |
| --- | --- |
| Origin and Nature of Mathematics | 205100, 0 |

**Learning Outcome**
Students understand and can describe the major approaches—cultural, philosophical, and psychological—to explaining the origin and nature of mathematics and its relation to understanding and modeling the physical world.

| Title | Tags |
| --- | --- |
| Historical Periods and Contributions | 205125, 1 |

**Learning Outcome**
Students understand and can describe the major historical periods of development of mathematical thought, as well as the contributions of various cultures and individuals within those periods.

| Title | Tags |
| --- | --- |
| Social Contexts of Mathematics | 207317, 3 |

**Learning Outcome**
Students recognize that mathematics and mathematical practices are human constructs that are socially situated and malleable across different social contexts. Students understand

use formative assessment strategies to support adolescents' development of conceptual understanding and procedural fluency.

current school mathematics privileges certain mathematics (i.e. White European male) over other kinds of mathematics.

| Title | Tags |
| --- | --- |
| Summative Assessment | 207311, 4 |

**Learning Outcome**
Students can create different types of summative assessments (quizzes, quick writes, tests, tasks, projects, etc.) focused on evaluating adolescents' current understanding of mathematical concepts, techniques, and skills. Students understand the advantages and disadvantages of different types of summative assessments for supporting adolescents' development of conceptual and procedural fluency. Students can create rubrics that are equitable and provide students with feedback that can improve their mathematical understanding.

| Title | Tags |
| --- | --- |
| Aligning Assessment with Learning Goals | 207312, 5 |

**Learning Outcome**
Students can write measurable or observable learning goals and create assessments that fully align with those goals.

| Title | Tags |
| --- | --- |
| Assessment Design for Promoting Equity | 207313, 6 |

**Learning Outcome**
Students can analyze assessments for what mathematical discourse and literacies are privileged and for what features might discriminate against certain populations. Students will create assessments that promote access for a wide range of adolescent identities.

## MTHED 301 - Teaching Statistics and Probability

## MTHED 305 - Basic Concepts of Mathematics

## Course Information

**Teaching Area (new)** | **Course Number**
MTHED | 301

**Teaching Area**
MTHED

**Course Title**
Teaching Statistics and Probability

**Course Description**
Exploration of important conceptual underpinnings, common misconceptions and students' ways of thinking, appropriate use of technology, and instructional practices to support and assess the learning of probability and statistics.

**Department**
Mathematics Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MTHED 177 - Critical Review of School Mathematics
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Recommended**
MthEd 276

**Note**
A score of 5 on the AP Statistics Exam may substitute for the Stat 121 prerequisite.

| Title | Tags |
|---|---|
| Designing a Study and Sampling | 205138, 1 |

**Learning Outcome**
Students understand the advantages and disadvantages of study design and sampling design so that they can design an

## Course Information

**Teaching Area (new)** | **Course Number**
MTHED | 305

**Teaching Area**
MTHED

**Course Title**
Basic Concepts of Mathematics

**Course Description**
Concept-oriented exploration of number, measurement, and informal geometry in relation to children's learning.

**Department**
Mathematics Education

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Math 110 or equivalent; permission from Teacher Education Department

**Note**
Required of prospective elementary school teachers.

empirical study to effectively answer research questions.

| Title | Tags |
| --- | --- |
| Summarizing and Representing | 205139, 2 |

**Learning Outcome**
Students can evaluate and justify the use of different measures of central tendency, different measures of dispersion and different data representations depending on the nature of the data and purpose of the measure or representation.

| Title | Tags |
| --- | --- |
| Testing Claims and Drawing Conclusions | 205140, 3 |

**Learning Outcome**
Students can explain the underlying ideas of various statistical tests, articulate how real-world questions relate to these tests, explain how these tests are used to make claims, predictions, and conclusions, and identify common misconceptions or theoretical issues in interpreting the results of these tests.

| Title | Tags |
| --- | --- |
| Probability | 205141, 4 |

**Learning Outcome**
Students can identify probabilistic situations, model probabilistic situations using multiple representations, understand and calculate theoretical and empirical probabilities, identify common misconceptions about probability, and predict and explain the shape of sampling distributions given population distributions.

| Title | Tags |
| --- | --- |
| Student Statistical Thinking | 205142, 5 |

**Learning Outcome**
Students are familiar with K-12 students' initial conceptions and misconceptions of probability and statistical concepts and know many instructional principles and strategies to help students

overcome misconceptions and to develop robust concepts in these fields.

**Title**
Probability and Statistics for Social Justice

**Tags**
207318, 6

**Learning Outcome**
Students understand the ways that statistics have been used to support or suppress a socially just society as well as why an understanding of statistics and probability is essential in every day life. Students use probabilistic and statistical reasoning to investigate social issues and identify inequities.

## MTHED 306 - Concepts of Mathematics

### Course Information

**Teaching Area (new)**
MTHED

**Course Number**
306

**Teaching Area**
MTHED

**Course Title**
Concepts of Mathematics

**Course Description**
Concept-oriented exploration of rational numbers and proportional reasoning, probability, and early algebraic reasoning in relation to children's learning.

**Department**
Mathematics Education

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

## MTHED 308 - Mathematics Teaching with Technology

### Course Information

**Teaching Area (new)**
MTHED

**Course Number**
308

**Teaching Area**
MTHED

**Course Title**
Mathematics Teaching with Technology

**Course Description**
Examining and learning to use technological tools that illustrate and clarify mathematical concepts and assist in solving problems involving algorithms, number theory, functions, and geometric constructions and transformations. Using technology tools to investigate modeling, highlight mathematical relationships, and motivate proof.

**Department**
Mathematics Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MTHED 305 - Basic Concepts of Mathematics

**Additional Comments:**

**Other Prerequisites**
Permission from Teacher Education Department
**Note**
Required of prospective elementary school teachers.

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MTHED 276 - Exploration of Mathematics Teaching

Prerequisites

**Complete ALL of the following Courses:**
- MTHED 277 - Task Design for Student Learning

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Mathematics | 205064, 0 |

**Learning Outcome**
Students have a deep understanding of select central concepts in secondary mathematics as well as core representations, canonical examples, and alternative algorithms germane to teaching these select concepts.

| Title | Tags |
| --- | --- |
| Instructional Design and Technology | 205084, 3 |

**Learning Outcome**
Students understand the affordances and constraints of technology in teaching mathematics and can apply this knowledge to design learning opportunities involving the use of technology to support adolescents' mathematical learning.

| Title | Tags |
| --- | --- |
| Mathematical Exploration with Technology | 205091, 1 |

**Learning Outcome**
Students can use technology to engage in meaningful mathematical exploration and can reflect on their own learning to make inferences about how adolescents learn mathematics

with technology.

| Title | Tags |
| --- | --- |
| Mathematical Communication | 205135, 2 |

**Learning Outcome**
Students can articulate and represent their mathematical thinking in technological environments in ways that are appropriate for their intended audience.

| Title | Tags |
| --- | --- |
| Equitable Technology Use | 207319, 4 |

**Learning Outcome**
Students understand the ways in which technology and access to technology can both increase and decrease opportunities for diverse learners.

## MTHED 362 - (MthEd-Math) Survey of Geometry

### Course Information

**Teaching Area (new)**
MTHED
**Course Number**
362
**Teaching Area**
MTHED
**Course Title**
(MthEd-Math) Survey of Geometry
**Course Description**
Logical and historical development of Euclidean and non-Euclidean geometry, transformations and symmetry; relationships among axiomatic systems; use of software and other geometric models; proofs and Van Hiele levels.
**Department**
Mathematics Education
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## MTHED 377 - Mathematics Teaching in the Public Schools

### Course Information

**Teaching Area (new)**
MTHED
**Course Number**
377
**Teaching Area**
MTHED
**Course Title**
Mathematics Teaching in the Public Schools
**Course Description**
Developing skill in designing and implementing lesson plans that include high-cognitive demand tasks; anticipating, monitoring, and building on student mathematical thinking; and orchestrating mathematical discussions that lead to student understanding of fundamental mathematics concepts.
**Department**
Mathematics Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 290 - Fundamentals of Mathematics

**Additional Comments:**

**Title**
Understanding What and Who Mathematics Privileges

**Tags**
207320, 1

**Learning Outcome**
Students describe the affordances and constraints of an axiomatic approach to doing mathematics and recognize that an axiomatic approach is just one way to do mathematics. Students understand that who counts as a mathematician is dependent on the ways in which mathematics is defined and recognize who has privileges associated with the status of "mathematician."

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MTHED 277 - Task Design for Student Learning
  **AND** MTHED 278 - Assessment of Student Learning

**Additional Comments:**

**Other Prerequisites**
Departmental consent
**Note**
Contact the department undergraduate coordinator, Dan Siebert (dsiebert@mathed.byu.edu), to get permission to add this course.

**Title**
Mathematics

**Tags**
205035, 1

**Learning Outcome**
Students understand the central concepts, tools of inquiry, and structures of the discipline of mathematics as well as core representations, canonical examples, and alternative algorithms germane to teaching secondary school mathematics.

**Title**
Task Analysis and Design

**Tags**
205036, 2

**Learning Outcome**
Students can analyze a task, a section in a textbook or curricular unit, or a specific mathematical topic to identify and describe the related important mathematical concepts and procedures, and can design relevant tasks that foster conceptual understanding, procedural fluency, and authentic mathematical practices.

**Title**
Developing Lesson Plans

**Tags**
205037, 3

**Learning Outcome**
Students understand how to create lesson plans that involve meaningful tasks in the context of a given unit, that anticipate

of a given unit, that anticipate student thinking and how the lesson might build on that thinking, and that articulate how they will orchestrate each phase of the lesson (launch, explore, discuss, unpack).

| Title | Tags |
| --- | --- |
| Orchestrating Lessons | 205038, 4 |

**Learning Outcome**
Students can use their lesson plans to engage adolescents in the day's activities (launch), facilitate meaningful exploration of mathematics (explore), orchestrate discussion that builds on and extends adolescents' emerging mathematical conceptions (discuss) and ensure the important mathematical concepts and procedures related to the goals of the lesson are made explicit (unpack).

| Title | Tags |
| --- | --- |
| Assessing Mathematical Learning | 205039, 5 |

**Learning Outcome**
Students understand how to design and use formative assessment that monitors the learner's progress, informs instructional decisions, and engages adolescents in assessing their own mathematical learning.

| Title | Tags |
| --- | --- |
| Professionalism | 205040, 6 |

**Learning Outcome**
Students demonstrate their professionalism through maintaining appropriate relationships and behavior in the MthEd 377 classroom setting; improving practice through reflection and by providing, soliciting and incorporating feedback; and contributing to the professional learning community of the classroom.

| Title | Tags |
| --- | --- |
| Teaching Mathematics for Social Justice | 207321, 7 |

Learning Outcome
Students understand how to provide adolescents with opportunities to use mathematics to promote a socially just society and can modify learning materials to promote access for a wide range of adolescent identities.

## MTHED 378 - Practicum in Mathematics Education

### Course Information

Teaching Area (new): MTHED
Course Number: 378
Teaching Area: MTHED
Course Title: Practicum in Mathematics Education
Course Description: Observing secondary mathematics classrooms as a means of reflecting on teaching practices that support student learning of fundamental mathematical concepts, including use of high-cognitive demand tasks and orchestration of mathematical discussions as well as eliciting, making sense of, and building on student mathematical thinking.
Department: Mathematics Education
When Taught: Fall and Winter

**Credit Hours**
Min: 1
Fixed: 1

**Lecture Hours**
Fixed: 0

**Lab Hours**
Fixed: 3

Other Prerequisites: Concurrent enrollment in MthEd 377

| Title | Tags |
|---|---|
| Instructional Design for Mathematics Learning | 205041, 2 |

Learning Outcome

## MTHED 476 - Secondary Student Teaching in Mathematics

### Course Information

Teaching Area (new): MTHED
Course Number: 476
Teaching Area: MTHED
Course Title: Secondary Student Teaching in Mathematics
Course Description: Capstone, field-based, semester-long experience in teaching mathematics to secondary students; demonstrating proficiency in all program standards. Seminar required.
Department: Mathematics Education
When Taught: Fall and Winter

**Credit Hours**
Min: 12
Fixed: 12

Other Prerequisites: Completion of all course work or departmental approval. FBI fingerprint and background clearance.

| Title | Tags |
|---|---|
| Student Teaching | 205145, 1 |

Learning Outcome

Mathematics
Students understand the central concepts, tools of inquiry, and structures of the discipline of mathematics as well as core representations, canonical examples, and alternative algorithms germane to teaching secondary school mathematics.
Understanding of Mathematics Learners
Students understand that adolescents develop mathematical knowledge by building on prior knowledge and

Students understand how to design learning environments and mathematical experiences that engage all adolescents in the exploration and development of mathematical ideas, as well as how to effectively foster these environments and orchestrate these experiences by promoting conceptual understanding, procedural fluency, and authentic mathematical practices.

| Title | Tags |
| --- | --- |
| Analyzing Classroom Instruction | 205042, 3 |

**Learning Outcome**
Students can analyze and describe the mathematical experiences of adolescents in terms of the tasks, discourse and learning environments they observe in public school classrooms, and can reconcile the theoretical principles of their university experience with the reality of a secondary classroom.

| Title | Tags |
| --- | --- |
| Professionalism | 205043, 4 |

**Learning Outcome**
Students demonstrate their professionalism through maintaining appropriate relationships and behavior in the school setting, and improve their practice through reflection and by providing, soliciting and incorporating feedback.

| Title | Tags |
| --- | --- |
| Understanding of Mathematics Learners | 205110, 0 |

**Learning Outcome**
Students understand that adolescents develop mathematical knowledge by building on prior knowledge and experience; that adolescents differ cognitively, linguistically, socially, emotionally, and physically; and that adolescents learn best when given regular opportunities to reason about and make sense of mathematics in an environment of high expectations and strong support.

Building on prior knowledge and experience; that adolescents differ cognitively, linguistically, socially, emotionally, and physically; and that adolescents learn best when given regular opportunities to reason about and make sense of mathematics in an environment of high expectations and strong support.
Instructional Design for Mathematics Learning
Students understand how to design learning environments and mathematical experiences that engage all adolescents in the exploration and development of mathematical ideas, as well as how to effectively foster these environments and orchestrate these experiences by promoting conceptual understanding, procedural fluency, and authentic mathematical practices.
Assessment of Mathematics Learning
Students understand how to design and use formative and summative assessments that monitor the learner's progress, inform instructional decisions, and engage adolescents in assessing their own mathematical learning.
Professionalism
Students demonstrate their professionalism through maintaining appropriate relationships and behavior in the school setting, and by seeking opportunities to improve practice and advance the profession through reflecting on practice, soliciting and incorporating feedback, and contributing to professional, school, and community organizations.
Spiritual StewardshipStudents seek integrity between their personal and professional lives consistent with the restored gospel of Jesus Christ by recognizing all learners as children of God and striving to nurture their divine potential; applying gospel-centered principles of teaching and learning to family relationships, gospel service, and involvement in the community; and serving as examples of a Christ-centered life within their spheres of influence.

**Title**
Examining Privilege and Oppression in Mathematics Classes

**Tags**
207322, 5

**Learning Outcome**
Students identify and influence the mathematical and social positions held by each adolescent in a particular classroom. Students will recognize how systemic oppression and privilege is evident in mathematics classrooms and examine their own teaching to identify practices that privilege or oppress individual adolescents.

## MTHED 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
MTHED

**Course Number**
477R

**Teaching Area**
MTHED

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
Mathematics Education

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**

## MTHED 495R - Readings in Mathematics Education

### Course Information

**Teaching Area (new)**
MTHED

**Course Number**
495R

**Teaching Area**
MTHED

**Course Title**
Readings in Mathematics Education

**Course Description**
Directed readings beyond scope of usual undergraduate courses.

**Department**
Mathematics Education

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Instructor's consent

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Knowledge | 205143, 1 |

Learning Outcome
Students will deepen their understanding of readings math education.

| Title | Tags |
| --- | --- |
| Developing Professionalism | 205083, 2 |

Learning Outcome
Students recognize that there is an extensive body of literature on the learning and teaching of mathematics; can identify important authors, papers, issues, findings, theories, and limitations in a subfield of the literature; and recognize and value the need to remain current with developments in the field of mathematics education.

| Title | Tags |
| --- | --- |
| Applying Knowledge of Mathematics Education | 205136, 1 |

Learning Outcome
Students have a deeper understanding of important issues and/or research in the field of mathematics education, and can use this new understanding to reevaluate their past and present experiences in mathematics classrooms, make connections to other important issues and problems in mathematics education, function more effectively in their role as an undergraduate research assistant, and/or reimagine their future experiences as a mathematics teacher.

## MTHED 496 - Academic Internship: Secondary Mathematics Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MTHED | 496 |

Teaching Area
MTHED
Course Title
Academic Internship: Secondary Mathematics Education
Course Description

## MTHED 497R - Research in Mathematics Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MTHED | 497R |

Teaching Area
MTHED
Course Title
Research in Mathematics Education
Course Description

Capstone, field-based, semester-long experience in teaching mathematics to secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Mathematics Education

**When Taught**
Fall

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Completion of all course work or departmental approval. FBI fingerprint and background check.

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Course Outcomes | 205146, 1 |

**Learning Outcome**
Mathematics
Students understand the central concepts, tools of inquiry, and structures of the discipline of mathematics as well as core representations, canonical examples, and alternative algorithms germane to teaching secondary school mathematics.
Understanding of Mathematics Learners
Students understand that adolescents develop mathematical knowledge by building on prior knowledge and experience; that adolescents differ cognitively, linguistically, socially, emotionally, and physically; and that adolescents learn best when given regular opportunities to reason about and make sense of mathematics in an environment of high expectations and strong support.
Instructional Design for Mathematics Learning
Students understand how to design learning environments and mathematical experiences that engage all adolescents in the exploration and development of mathematical ideas, as well as how to effectively foster these environments and orchestrate these experiences by promoting conceptual understanding, procedural fluency, and authentic mathematical practices.
Assessment of Mathematics

Undergraduate research experience. Faculty-supervised research. Written and oral presentation of findings required.

**Department**
Mathematics Education

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Recommended**
MthEd 177, 276, and 277

| Title | Tags |
| --- | --- |
| Engaging in Research | 205074, 0 |

**Learning Outcome**
Students have a deeper understanding of the nature, design, and methods of research in the field of mathematics education; can make valuable contributions under limited supervision to the data collection and/or data analysis stages of faculty-directed mathematics education research; and can communicate their understanding of research in general, as well as of this specific research, through a scholarly oral or written report.

| Title | Tags |
| --- | --- |
| Relating to Research | 205105, 2 |

**Learning Outcome**
Students can identify their personal strengths and weaknesses in regards to conducting research in mathematics education, and have a sense for whether or not they would like to pursue more research opportunities through graduate study.

| Title | Tags |
| --- | --- |
| Applying Understanding from Research | 205113, 1 |

**Learning Outcome**

Learning
Students understand how to design and use formative and summative assessments that monitor the learner's progress, inform instructional decisions, and engage adolescents in assessing their own mathematical learning.
Professionalism
Students demonstrate their professionalism through maintaining appropriate relationships and behavior in the school setting, and by seeking opportunities to improve practice and advance the profession through reflecting on practice, soliciting and incorporating feedback, and contributing to professional, school, and community organizations.
Spiritual StewardshipStudents seek integrity between their personal and professional lives consistent with the restored gospel of Jesus Christ by recognizing all learners as children of God and striving to nurture their divine potential; applying gospel-centered principles of teaching and learning to family relationships, gospel service, and involvement in the community; and serving as examples of a Christ-centered life within their spheres of influence.

Students have a deeper understanding of a key issue or problem in the field of mathematics education, and can use this new understanding to reevaluate their past and present experiences in mathematics classrooms, make connections to other important issues and problems in mathematics education, function more effectively in their role as an undergraduate research assistant, and/or reimagine their future experiences as a mathematics teacher.

## MTHED 500 - (MthEd-Chem-C S-Geol-Math-Phscs-Stat) Business Practices for Science and Mathematics Majors

### Course Information

**Teaching Area (new)**
MTHED
**Course Number**
500
**Teaching Area**
MTHED
**Course Title**
(MthEd-Chem-C S-Geol-Math-Phscs-Stat) Business Practices for Science and Mathematics Majors
**Course Description**
(Math-Chem-C S-Geol-MthEd-Phscs-Stat) Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.
**Department**
Mathematics Education
**When Taught**
Winter

## MTHED 550 - Problem Solving

### Course Information

**Teaching Area (new)**
MTHED
**Course Number**
550
**Teaching Area**
MTHED
**Course Title**
Problem Solving
**Course Description**
Solving and building explanations and presenting solutions to conceptually important problems. Analyzing research on problem solving and its role in teaching and learning mathematics.
**Department**
Mathematics Education
**When Taught**
Contact Department

### Credit Hours

**Min**
3

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Strong background in undergraduate mathematics; instructor's consent

| Title | Tags |
| --- | --- |
| Problem Solving as a Process | 205055, 2 |

**Learning Outcome**
Students understand general approaches to and a variety of heuristics in the problem solving process and can apply these to solve various problems in mathematics as well as other areas of life.

| Title | Tags |
| --- | --- |
| Professionalism | 205065, 4 |

**Learning Outcome**
Students recognize the key role that problem solving plays in the field of mathematics as well as in the learning of school mathematics. They see the valuable insights provided by the literature on the teaching and learning of mathematics through problem solving, and feel a desire to continually seek opportunities to improve their ability to teach mathematics through problem solving and promote better instruction in schools by incorporating problem solving as a process for learning mathematics.

| Title | Tags |
| --- | --- |
| Spiritual Stewardship | 205093, 5 |

**Learning Outcome**
Students strive to follow the example of Jesus Christ in both their personal and professional lives, seek consistency between

their understanding of our trials here on earth as related to the restored gospel of Jesus Christ and principles of mathematical problem solving processes. Graduates use this enriched understanding problem solving as a method for teaching and learning mathematics by giving all students the agency and opportunity to solve mathematical problems on their own.

| Title | Tags |
| --- | --- |
| Scholarship in Problem Solving | 205116, 0 |

**Learning Outcome**
Students understand and can evaluate important issues, current and historical trends, theories, paradigms of research, and research findings in the field of mathematical problem solving, as well as their implications for the teaching and learning of problem solving explicitly and implicitly in the public schools, mathematics teacher development, and participation in mathematics education scholarship.

| Title | Tags |
| --- | --- |
| Critical Stance | 205123, 1 |

**Learning Outcome**
Students can apply principles of quality research to analyze and critique research on the mathematical process of problem solving, and understand the affordances and constraints of research paradigms and methodologies in this body of research.

| Title | Tags |
| --- | --- |
| Teaching Through Problem Solving | 205133, 3 |

**Learning Outcome**
Students understand the pitfalls of teaching problem solving as a distinct content area of mathematics and the benefits of using problem solving as a process in the teaching of all mathematics. They understand how to design instruction to teach mathematics through problem solving

problem solving.

## MTHED 562 - Euclidean Geometry: Content, Learning, and Teaching

### Course Information

**Teaching Area (new)**
MTHED

**Course Number**
562

**Teaching Area**
MTHED

**Course Title**
Euclidean Geometry: Content, Learning, and Teaching

**Course Description**
Euclidean geometry, including classical problems, polyhedra, transformations, congruence, similarity, integer geometry, minimization; technology in geometry, Van Hiele levels, role of proof, and high school curriculum.

**Department**
Mathematics Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
MthEd 362 or equivalent

| Title | Tags |
|---|---|
| Critical Stance | 205053, 1 |

**Learning Outcome**
Students can apply principles of quality research to analyze and critique research on the teaching and learning of geometry, and understand the affordances and constraints of research paradigms and methodologies in this body of research.

| Title | Tags |
|---|---|

## MTHED 590 - Foundational Issues in Learning Mathematics

### Course Information

**Teaching Area (new)**
MTHED

**Course Number**
590

**Teaching Area**
MTHED

**Course Title**
Foundational Issues in Learning Mathematics

**Course Description**
Introduction to research in mathematics learning; mathematical thinking; cognitive, social, and philosophical approaches to describing mathematics learning.

**Department**
Mathematics Education

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Teaching certificate or completion of student teaching

| Title | Tags |
|---|---|
| Scholarship | 205061, 0 |

**Learning Outcome**
Students understand and can evaluate important issues, trends, theories, paradigms of research, and research findings in the field of mathematics education, as well as their implications for the teaching and learning of mathematics in the public schools, mathematics teacher development, and participation in mathematics education scholarship.

Scholarship 205062, 0

Learning Outcome
Students understand and can evaluate the role of proof in geometry and in mathematics in general, the theories of how students progress through the van Hiele levels in learning geometry and how these two topics are related. They can use this knowledge to evaluate current instructional, curricular, and policy recommendations of leaders in mathematics education regrading the teaching of geometry in the public schools.

Title
Professionalism
Tags
205081, 4

Learning Outcome
Students recognize the key role that geometry should play in school mathematics and the valuable insights provided by the literature on the teaching and learning of geometry, and feel a desire to continually seek opportunities to improve their own teaching of geometry and promote better instruction of geometry in the schools by seeking to adapt the instruction to the van Hiele level of the students.

Title
Spiritual Stewardship
Tags
205085, 5

Learning Outcome
Students strive to follow the example of Jesus Christ in both their personal and professional lives, seek consistency between their understanding of the restored gospel of Jesus Christ and principles of geometry teaching and learning, and use this enriched understanding of teaching and learning to nurture the divine potential of all in their spheres of influence.

Title
Euclidean Geometry
Tags
205088, 2

Learning Outcome
Students understand the central concepts, conditions, definitions, theorems, assumptions

Title
Identifying and Situating Research Problems
Tags
205063, 1

Learning Outcome
Students understand the importance of situating research problems and questions in the literature, and can identify important research problems and relate them to appropriate issues, trends, theories, paradigms, and findings in the literature.

Title
Becoming a Professional
Tags
205070, 3

Learning Outcome
Students perceive themselves as emerging scholars and leaders in the field, and feel responsibility for and commitment to their own growth and the growth of the field.

Title
Spiritual Stewardship
Tags
205073, 4

Learning Outcome
Students strive to follow the example of Jesus Christ in both their personal and professional lives, seek consistency between their understanding of the restored gospel of Jesus Christ and principles of mathematics teaching and learning, and use this enriched understanding of teaching and learning to nurture the divine potential of all in their spheres of influence.

Title
Applying Scholarship to Teaching
Tags
205082, 2

Learning Outcome
Students can use their understanding of the important issues, trends, theories, paradigms, and findings in the field of mathematics to evaluate, reflect on, and improve their mathematics instruction.

theorems, assumptions, structure and extensions of high school (Euclidean) geometry. They can use these understandings to prove general cases of geometric theorems and apply these theorems to solve problems in Euclidean geometry.

| Title | Tags |
| --- | --- |
| Teaching | 205129, 3 |

**Learning Outcome**
Students can assess the van Hiele level at which their students are operating and design tasks and lessons to move learners to a higher van Hiele level, eventually to the level of deduction and proof. Throughout the instruction at different van Hiele levels, students can continually evaluate the role that proof is playing for the learners and understand how to adjust their instruction to ensure that proof activities are meaningful. Students can use their knowledge of the van Hiele levels, proof, and the NCTM Standards to evaluate geometry curriculum for appropriate sequencing.

## MTHED 591 - Scholarly Inquiry in Mathematics Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MTHED | 591 |

**Teaching Area**
MTHED
**Course Title**
Scholarly Inquiry in Mathematics Education
**Course Description**
Introduction to scholarly inquiry in mathematics education; issues in research methodology.
**Department**
Mathematics Education
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

## MTHED 598R - Topics in Mathematics Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MTHED | 598R |

**Teaching Area**
MTHED
**Course Title**
Topics in Mathematics Education
**Course Description**
Includes specific research areas and curriculum studies of school mathematics topics (i.e. geometry, algebra, and calculus).
**Department**
Mathematics Education
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MTHED 590 - Foundational Issues in Learning Mathematics

**Additional Comments:**

| Title | Tags |
|---|---|
| Applying Research to Teaching | 205048, 3 |

**Learning Outcome**
Students understand how to meaningfully apply research on teaching and learning mathematics in their teaching and use scholarly inquiry as a lens to reflect on that teaching.

| Title | Tags |
|---|---|
| Spiritual Stewardship | 205049, 5 |

**Learning Outcome**
Students strive to follow the example of Jesus Christ in both their personal and professional lives, seek consistency between their understanding of the restored gospel of Jesus Christ and principles of mathematics teaching and learning studied in this course, and use this enriched understanding of teaching and learning to nurture the divine potential of all in their spheres of influence.

| Title | Tags |
|---|---|
| Scholarship | 205050, 0 |

**Learning Outcome**
Students understand and can evaluate important issues, trends, theories, paradigms of research, and research findings

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| Spiritual Stewardship | 205087, 5 |

**Learning Outcome**
Students strive to follow the example of Jesus Christ in both their personal and professional lives, seek consistency between their understanding of the restored gospel of Jesus Christ and principles of mathematics teaching and learning studied in this course, and use this enriched understanding of teaching and learning to nurture the divine potential of all in their spheres of influence.

| Title | Tags |
|---|---|
| Teaching | 205089, 3 |

**Learning Outcome**
Students can use their understanding of the research on the topic of study to evaluate, reflect on, and improve their own teaching.

| Title | Tags |
|---|---|
| Scholarship | 205107, 0 |

**Learning Outcome**
Students understand and can evaluate important issues, trends, theories, paradigms of research, and research findings in the field of mathematics education related to the particular topic of study, as well as their implications for the teaching and learning of mathematics in the public schools, mathematics teacher development, and/or participation in mathematics education scholarship.

| Title | Tags |
|---|---|
| Mathematics | 205114, 2 |

**Learning Outcome**
Students understand mathematical content that illustrates important issues in the research on the topic of study.

in the field of mathematics education, as well as their implications for the teaching and learning of mathematics in the public schools, mathematics teacher development, and participation in mathematics education scholarship.

| Title | Tags |
| --- | --- |
| Research | 205052, 1 |

**Learning Outcome**
Graduates understand research methods in mathematics education and can a) locate an interesting and important problem; b) conduct a literature review to situate the problem; c) develop a conceptual framework; d) establish focused research questions; e) choose and implement appropriate methods for collecting and analyzing data; f) address issues of research quality such as validity, reliability, and significance; and g) effectively communicate their work both orally and in writing.

| Title | Tags |
| --- | --- |
| Critical Stance | 205077, 2 |

**Learning Outcome**
Students understand the affordances and constraints of research paradigms and methodologies commonly used in mathematics education research and can analyze and critique research on teaching and learning mathematics according to principles of quality research.

| Title | Tags |
| --- | --- |
| Professionalism | 205097, 4 |

**Learning Outcome**
Students have developed knowledge and beliefs that enable and compel them to continually seek opportunities to improve their own practice, keep abreast of advances and developments in the field both locally and nationally, and provide leadership in professional, school, and community organizations.

| Title | Tags |
| --- | --- |
| Critical Stance | 205118, 1 |

**Learning Outcome**
Students can apply principles of quality research to analyze and critique research on the topic of study, and understand the affordances and constraints of research paradigms and methodologies in this body of research.

| Title | Tags |
| --- | --- |
| Professionalism | 205127, 4 |

**Learning Outcome**
Students recognize the key role that the topic of study plays in the learning and teaching of mathematics, and feel a desireto continually seek opportunities to improve their own practice, keep abreast of advances and developments in the field both locally and nationally, and/or provide leadership in professional, school, and community organizations.

## MUSIC 100 - Music Fundamentals

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
100

**Teaching Area**
MUSIC

**Course Title**
Music Fundamentals

**Course Description**
Organizational systems of music, their notation and aural patterns.

**Department**
Music

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status

**Note**
Required for music minor.

| Title | Tags |
| --- | --- |
| Music Fundamentals | 187924, 0 |

**Learning Outcome**
Students will learn the fundamentals of music theory and harmony. This course also helps prepare them for the music major aural skills test.

## MUSIC 101 - Introduction to Music

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
101

**Teaching Area**
MUSIC

**Course Title**
Introduction to Music

**Course Description**
Designed to aid nonmusic majors in developing skills needed for listening to music creatively. Emphasis on masterworks of Western music from major style periods.

**Department**
Music

**When Taught**
Fall; Winter; Spring.

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Intro to Music | 187857, 0 |

**Learning Outcome**
By listening to music, learning about the historical development of music, learning about its composers, participating in in-class discussions, attending concerts, and by acquiring a vocabulary and knowledge of music terms and concepts, students will be capable of identifying practically any piece

of classical music by time period and genre. Students will also possess a much greater understanding of musical forms, genres and styles.

## MUSIC 111R - Basic Vocal Skills

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
111R

**Teaching Area**
MUSIC

**Course Title**
Basic Vocal Skills

**Course Description**
Class instruction in voice for nonmusic majors.

**Department**
Music

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Accompanist fee not included.

| Title | Tags |
|---|---|
| Performance | 187686, 0 |

**Learning Outcome**
Students will prepare four songs and perform memorized a minimum of three times throughout the semester.

| Title | Tags |
|---|---|
| Vocal Technique | 187827, 1 |

**Learning Outcome**
Students will learn to

## MUSIC 113 - Beginning Piano Techniques 1

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
113

**Teaching Area**
MUSIC

**Course Title**
Beginning Piano Techniques 1

**Course Description**
Class instruction in piano for nonmusic majors.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Technique | 187642, 2 |

**Learning Outcome**
Students will be able to play technical exercises such as the Five Finger Position, major and minor triads, major and minor sales and major and minor cadences.

| Title | Tags |
|---|---|

understand the structure and function of the vocal instrument through: flexibly aligned posture; low, flexible breath management; consistent, projected flow phonation; freedom of vocal mechanism, including mouth and jaw; emerging resonance; emerging musicianship -- including dynamics, legato, accuracy; text and diction.

| Title | Tags |
|---|---|
| Accompaniment Skills | 187654, 1 |

**Learning Outcome**
Students will be able to play chords in blocked and broken positions and use them to accompany melodies.

| Title | Tags |
|---|---|
| Music Theory | 187702, 0 |

**Learning Outcome**
Students will understand basic concepts of music theory including related terms and symbols, note and key names, key signatures and time signatures, and counting.

| Title | Tags |
|---|---|
| Improvisation | 187803, 3 |

**Learning Outcome**
Students will be able to improvise simple melodies and play chords with them.

| Title | Tags |
|---|---|
| Rehearsal parts | 187843, 6 |

**Learning Outcome**
Students will be able to play individual part of ensembles.

| Title | Tags |
|---|---|
| Sight Reading | 187870, 4 |

**Learning Outcome**
Students will sight read easier music.

| Title | Tags |
|---|---|
| Musicality | 187919, 5 |

**Learning Outcome**
Students will play repertoire pieces as assigned with all dynamics and articulations.

## MUSIC 114R - Beginning Piano Techniques 2

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 114R |

## MUSIC 115 - Basic Organ Skills

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 115 |

**Teaching Area**
MUSIC
**Course Title**
Beginning Piano Techniques 2
**Course Description**
Continuation of Music 113.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music 113 or instructor's consent
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| 114R | 187863, 0 |

**Learning Outcome**

Students will be able to:

Understand concepts of music theory including triads and inversions and the quality of seventh chords, sixteenth notes and other rhythms.

| Title | Tags |
|---|---|
| Sight Reading | 188002, 4 |

**Learning Outcome**

Sight read easier music.

| Title | Tags |
|---|---|
| Improvising | 188003, 3 |

**Learning Outcome**

Improvise simple melodies and

**Teaching Area**
MUSIC
**Course Title**
Basic Organ Skills
**Course Description**
Class instruction in organ for nonmusic majors.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Repertoire | 187629, 5 |

**Learning Outcome**
To experience (primarily through listening) a wide range of organ repertoire with three main goals: 1) identify registrational characteristics, 2) identify pieces of interest for future learning, and 3) distinguish between that which might be appropriate for worship and that which is appropriate for concert use.

| Title | Tags |
|---|---|
| Hymn Playing | 187638, 0 |

**Learning Outcome**
Students will be able to prepare and play four-part hymns to a high standard.

| Title | Tags |
|---|---|
| Listen | 187644, 2 |

**Learning Outcome**
Students will be able to listen in both practice and performance for perfect legato, precise

improvise simple melodies and play triads and seventh chords with them.

| Title | Tags |
| --- | --- |
| Scales and Arpeggios | 188004, 2 |

Learning Outcome

Be able to play technical exercises such as major and minor scales and arpeggios.

| Title | Tags |
| --- | --- |
| Triads | 188005, 1 |

Learning Outcome

Be able to play triads, triad inversions and seventh chords in blocked and broken positions and use them to accompany melodies.

| Title | Tags |
| --- | --- |
| Performance | 188006, 7 |

Learning Outcome

Play individual parts of ensembles fluently.

| Title | Tags |
| --- | --- |
| Dynamics and Articulations | 188007, 6 |

Learning Outcome

Play repertoire pieces as assigned with all dynamics and articulations.

| Title | Tags |
| --- | --- |
| Style Characteristics | 188008, 5 |

Learning Outcome

Understand and be able to discuss the style characteristics of composers and music from the four standard periods of music.

releases, and independence of line.

| Title | Tags |
| --- | --- |
| Technique | 187647, 3 |

Learning Outcome
Students will be able to use the standard legato manual and pedal techniques fluently, and to play simple pedal parts in combination with elementary manual parts.

| Title | Tags |
| --- | --- |
| Registration | 187726, 1 |

Learning Outcome
Students will be able to know and apply basic principles of organ registration and construction.

| Title | Tags |
| --- | --- |
| Practice | 188273, 4 |

Learning Outcome
Students will learn to use efficient practice techniques.

## MUSIC 116R - Organ Techniques and Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

## MUSIC 117 - Basic Guitar Skills

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 117 |

MUSIC 116R

**Teaching Area**
MUSIC
**Course Title**
Organ Techniques and Literature
**Course Description**
Continuation of Music 115.
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music 115 or instructor's consent

| Title | Tags |
| --- | --- |
| Practice techniques | 187603, 6 |

**Learning Outcome**
Cultivate more efficient practice techniques.

| Title | Tags |
| --- | --- |
| Registration | 187608, 2 |

**Learning Outcome**
Understand and apply more advanced principles of organ registration.

| Title | Tags |
| --- | --- |
| Technique | 187618, 4 |

**Learning Outcome**
Develop fluency in manual techniques, including finger independence, redistribution, finger crossings, glissando, and substitution; and develop greater fluency in pedal playing.

**Teaching Area**
MUSIC
**Course Title**
Basic Guitar Skills
**Course Description**
Class instruction in guitar for nonmusic majors.
**Department**
Music
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Basic Guitar Skills | 187874, 0 |

**Learning Outcome**
Students with no prior guitar experience will be able to play basic accompaniment patterns. This ability will serve them, their family and the community at large in the future.

| Title | Tags |
| --- | --- |
| Expression | 187675, 3 |

**Learning Outcome**
Understand basics of touch, phrasing and articulation, and to know how to utilize them to enhance the expressiveness of a piece of music.

| Title | Tags |
| --- | --- |
| Repertoire | 187741, 1 |

**Learning Outcome**
Learn at least two organ pieces this semester. Also, experience a wide range of organ repertoire with four main goals: associate selected organ masterworks with their respective composers, regions, and time periods; identify registrational characteristics; identify pieces of interest for future learning; and distinguish between that which might be appropriate for worship and that which is appropriate for concert use.

| Title | Tags |
| --- | --- |
| Accompanying | 187760, 5 |

**Learning Outcome**
Develop basic accompanying skills on the organ.

| Title | Tags |
| --- | --- |
| Hymn Playing | 187954, 0 |

**Learning Outcome**
Understand and be able to employ various advanced hymn playing techniques.

## MUSIC 118R - Guitar Techniques and Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
118R

**Teaching Area**
MUSIC

**Course Title**
Guitar Techniques and Literature

**Course Description**
Continuation of Music 117.

**Department**
Music

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music 117 or instructor's consent

**Title**
118R

**Tags**
187793, 0

**Learning Outcome**
Building upon Music 117, students will hone their basic guitar skills to an intermediate level of self-accompaniment.

## MUSIC 123 - Harp Preparation for Large Ensemble

### Course Information

**Course Number**
123

**Teaching Area**
MUSIC

**Course Title**
Harp Preparation for Large Ensemble

**Course Description**
Develop skills necessary to play harp in a large ensemble.

**Department**
Music

**When Taught**
Fall

#### Credit Hours

**Fixed**
1

#### Lecture Hours

**Fixed**
1

**Title**
Preparation

**Tags**
214114, 0, 1, 2023-08-29 11:10:07

**Learning Outcome**
Students will be able to competently prepare their parts for large ensemble rehearsals.

**Title**
Communication

**Tags**
214115, 0, 2, 2023-08-29 11:10:08

**Learning Outcome**
Students will be able to professionally communicate with the large ensemble director and other members of the ensemble.

**Title**
Students will be able to perform with a high level of musicianship as part of their large ensemble.

**Tags**
214116, 0, 3, 2023-08-29 11:10:11

**Title**

## MUSIC 135 - Basic Conducting

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
135

**Teaching Area**
MUSIC

**Course Title**
Basic Conducting

**Course Description**
Fundamental concepts and skills for nonmusic majors.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Learning Outcome | 188009, 0 |

**Learning Outcome**
Students will demonstrate in their own conducting an understanding of and proficiency with the following techniques: beat patterns, style (legato/marcato), the conducting field, breath releases, melding, the SuperClick, subdivision of beats, fermatas, dynamics, cuing, phrase shaping.

## MUSIC 160R - Classical Voice

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Classical Voice

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

| Title | Tags |
|---|---|
| 160R - Classical Voice | 188144, 1 |

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique, improve their tonal concepts and strengthen their interpretive skills.

## MUSIC 160R - Harp

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Harp

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Harp

**Tags**
187850, 19

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Viola

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Viola

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Viola

**Tags**
187877, 21

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Euphonium

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Euphonium

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Euphonium

**Tags**
187945, 8

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Oboe

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Oboe

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Oboe

**Tags**
187684, 7

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Piano

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Piano

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

| Title | Tags |
| --- | --- |
| 160R Piano | 187942, 5 |

**Learning Outcome**
At the end of the semester students who give proper and sufficient practice time will become stronger in piano technical foundation and stronger in keyboard harmonic foundation. Students will expand repertoire by at least 1-2 pieces. Students will feel confident in accepting a church musician calling.

## MUSIC 160R - Contemporary Voice

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Contemporary Voice

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

| Title | Tags |
| --- | --- |
| 160R Performance Instruction | 187824, 11 |

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique, improve their tonal concepts and strengthen their interpretive skills.

## MUSIC 160R - Horn

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Horn

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Horn

**Tags**
187787, 3

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Harpsichord

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Harpsichord

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Harpsichord

**Tags**
187630, 23

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Organ

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Organ

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 486; Term: 243

**Note**
Fee.

**Title**
160R Organ

**Tags**
187672, 4

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Clarinet

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Clarinet

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Clarinet

**Tags**
187823, 10

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique, improve their tonal concepts and strengthen their interpretive skills.

## MUSIC 160R - String Bass

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

## MUSIC 160R - Guitar

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC
**Course Title**
String Bass
**Course Description**
Private or semiprivate instruction. One to two hours of daily practice
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.
**Fee**
Semester: 500; Term: 250
**Note**
Fee.

| Title | Tags |
| --- | --- |
| 160R Bass | 187820, 9 |

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

**Teaching Area**
MUSIC
**Course Title**
Guitar
**Course Description**
Private or semiprivate instruction. One to two hours of daily practice.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.
**Fee**
Semester: 500; Term: 250
**Note**
Fee.

| Title | Tags |
| --- | --- |
| Guitar Lessons for the non-music major | 187751, 26 |

**Learning Outcome**
Students will learn the value of lesson preparation and correct practice techniques.

| Title | Tags |
| --- | --- |
| Guitar Lessons for the non-music major | 187858, 20 |

**Learning Outcome**
Students will develop and improve their chosen guitar style during the semester.

## MUSIC 160R - Trumpet

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Trumpet

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Trumpet

**Tags**
187900, 25

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Violin

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Violin

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee. **The system provides erroneous information for this course. It is not for music majors only; it is for declared music minors only.**

**Title**
160R Violin

**Tags**
187710, 17

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Cello

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Cello

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Cello

**Tags**
187879, 22

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Flute

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Flute

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Flute

**Tags**
187705, 14

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Percussion

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Percussion

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Percussion

**Tags**
187712, 18

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Trombone

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Trombone

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Trombone

**Tags**
187700, 13

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Tuba

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Tuba

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Tuba

**Tags**
187707, 15

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Saxophone

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Saxophone

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

**Title**
160R Saxophone

**Tags**
187680, 6

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Performance Instruction

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

| Title | Tags |
| --- | --- |
| 160R - Performance Instruction | 188146, 1 |

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Carillon

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Carillon

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

| Title | Tags |
| --- | --- |
| 160R Carillon | 187634, 24 |

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 160R - Performance Instruction: Music Technology Studio

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Music Technology Studio

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 500; Term: 250

**Note**
Fee.

## MUSIC 160R - Bassoon

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
160R

**Teaching Area**
MUSIC

**Course Title**
Bassoon

**Course Description**
Private or semiprivate instruction. One to two hours of daily practice

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Nonmusic major status. Audition may be required.

**Fee**
Semester: 486; Term: 243

**Note**
Fee.

**Title**
160R Bassoon

**Tags**
187659, 2

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

## MUSIC 165 - Survey of the Great Pianists

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
165

**Teaching Area**
MUSIC

**Course Title**
Survey of the Great Pianists

**Course Description**
Exposure to influential pianists and recordings.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music 260R; Piano performance majors only.

| Title | Tags |
|---|---|
| Great Pianist History | 188384, 1 |

**Learning Outcome**
Students will deepen their understanding of the most influential pianists through their recordings, legacy, and style.

## MUSIC 166 - Organ Registration

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
166

**Teaching Area**
MUSIC

**Course Title**
Organ Registration

**Course Description**
Organ stops and their application to various performance styles.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent private or group instruction in organ or instructor's consent

| Title | Tags |
|---|---|
| Organ Registration | 187637, 0 |

**Learning Outcome**
During this class students learn basic concepts of organ registration and organ design as they pertain to hymn playing and general church service playing. Additionally, they learn the registration practices associated with historic periods and musical styles corresponding to the differing instrument types, musical genres and composers from the Middle Ages through the present.

## MUSIC 176 - Careers in Music Education

## MUSIC 186 - Songwriting 1

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
176

**Teaching Area**
MUSIC

**Course Title**
Careers in Music Education

**Course Description**
Examining preschool through college teaching career options in music; seeking a good fit between personal aspirations, attributes, skills, and job requirements.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Note**
Open to music majors and nonmajors.

| Title | Tags |
| --- | --- |
| Career Options | 187693, 1 |

**Learning Outcome**
Students will become acquainted with possible career options in musiceducation, and will examine the joys, demand, benefits, and potential hazards inherent in each option. They will also identify critical personal attributes and skills necessary for success in each option.

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
186

**Teaching Area**
MUSIC

**Course Title**
Songwriting 1

**Course Description**
Songwriting for present-day music publishing industry; basic songwriting theory; form, content, and style.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Basic music reading and keyboard skills

| Title | Tags |
| --- | --- |
| Songwriting | 187685, 1 |

**Learning Outcome**
Students study such topics as creativity itself, writing techniques, and the importance of collaboration. By the end of the semester each student will have completed several preparatory assignments in addition to a culminating creative song project. The students will receive an introduction to a working MIDI-technology studio. Parallel to these assignments are readings about the models of the music business: music publishing, record labels, legal concepts, the copyright law, etc. Quizzes and a final exam measure retention of these concepts. Students who master the principles advanced will be able to function creatively and to manage others involved in the

creation of commercial songs.

## MUSIC 187R - Composition

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
187R

**Teaching Area**
MUSIC

**Course Title**
Composition

**Course Description**
Introduction to principles of recent art music; composition and performance of student works for one to five instruments.

**Department**
Music

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music major status.

**Title**
Composing with Modern and Experimental Vocabularies

**Tags**
187982, 1

**Learning Outcome**
Introduction to composing music with modern and and experimental music vocabularies.

## MUSIC 193 - Aural Skills 1

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
193

**Teaching Area**
MUSIC

**Course Title**
Aural Skills 1

**Course Description**
Development of aural skills through melodic dictation, rhythm dictation, and error detection; listening materials include diatonic melodies in major and minor keys and basic rhythms in simple and compound meters.

**Department**
Music

**When Taught**
Fall

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

**Other Prerequisites**
Acceptance as a music major.

**Title**
Melodic dictation

**Tags**
187720, 0, 0

**Learning Outcome**
Students will be able to accurately transcribe diatonic melodies that arpeggiate tonic and dominant in major and minor keys.

**Title**
Rhythmic dictation

**Tags**
212131, 0, 1

**Learning Outcome**
Students will be able to

accurately transcribe rhythms in simple and compound meters with simple subdivisions, dots, and ties.

| Title | Tags |
| --- | --- |
| Error detection | 212132, 0, 2 |

**Learning Outcome**
Students will be able to correctly identify errors in simple melodic and rhythmic excerpts.

## MUSIC 194 - Aural Skills 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 194 |

**Teaching Area**
MUSIC
**Course Title**
Aural Skills 2
**Course Description**
Continued development of aural skills through melodic dictation, rhythm dictation, harmonic dictation, and error detection; listening materials include longer, arpeggiated melodies, more advanced rhythms, and diatonic harmonic progressions.
**Department**
Music
**When Taught**
Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## MUSIC 195 - Music Theory 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 195 |

**Teaching Area**
MUSIC
**Course Title**
Music Theory 1
**Course Description**
Writing and analysis in diatonic harmony.
**Department**
Music
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance as a music major.

| Title | Tags |
| --- | --- |
| Fundamentals | 187319, 0, 1 |

**Learning Outcome**
Students will demonstrate a mastery of music fundamentals (scales, key signatures, intervals,

**Complete ALL of the following Courses:**

- MUSIC 193 - Aural Skills 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Melodic dictation | 212133, 0, 1 |

**Learning Outcome**
Students will be able to accurately transcribe diatonic melodies that contain large leaps and diatonic arpeggiations.

| Title | Tags |
|---|---|
| Harmonic dictation | 212134, 0, 2 |

**Learning Outcome**
Students will be able to accurately transcribe the outer voices and identify the harmonies in diatonic chord progressions.

| Title | Tags |
|---|---|
| Rhythmic dictation | 212135, 0, 3 |

**Learning Outcome**
Students will be able to accurately transcribe rhythms involving sextuple division, syncopation, and less common beat values.

| Title | Tags |
|---|---|
| Error detection | 212136, 0, 4 |

**Learning Outcome**
Students will be able to correctly identify errors in longer melodies, rhythm patterns, and diatonic chord progressions.

and triads).

| Title | Tags |
|---|---|
| Part writing | 212295, 0, 2 |

**Learning Outcome**
Students will be able to part-write using root-position and first inversion triads and dominant seventh inversions.

| Title | Tags |
|---|---|
| Analysis | 212296, 0, 3 |

**Learning Outcome**
Students will be able to analyze passages of music involving root-position and first inversion triads and dominant seventh inversions.

## MUSIC 196 - Music Theory 2

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
196
**Teaching Area**
MUSIC
**Course Title**
Music Theory 2
**Course Description**
Writing and analysis in diatonic and chromatic harmony.
**Department**
Music

## MUSIC 197 - Sight Singing 1

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
197
**Teaching Area**
MUSIC
**Course Title**
Sight Singing 1
**Course Description**
Development of aural skills through sight singing, rhythm reading, and improvisation; emphasis on learning solfège, counting syllables, conducting patterns, and hand signs in the performance of diatonic

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 195 - Music Theory 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Part writing | 187859, 0, 1 |

**Learning Outcome**
Students will be able to part-write using all diatonic triads and seventh chords, secondary dominants, and modulations to closely related keys

| Title | Tags |
|---|---|
| Analysis | 212297, 0, 2 |

**Learning Outcome**
Students will be able to analyze passages of music involving all diatonic triads and seventh chords, secondary dominants, and modulations to closely related keys

| Title | Tags |
|---|---|
| Form | 212298, 0, 3 |

**Learning Outcome**
Students will be able to identify melodies in major and minor keys and basic rhythms in simple and compound meters.

**Department**
Music
**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Acceptance as a music major.

| Title | Tags |
|---|---|
| Sight singing | 212137, 0, 1 |

**Learning Outcome**
Students will demonstrate the ability to sight-read diatonic melodies that arpeggiate tonic and dominant in any major or minor key.

| Title | Tags |
|---|---|
| Rhythm reading | 212138, 0, 2 |

**Learning Outcome**
Students will demonstrate the ability to accurately perform rhythms with duple divisions, dots, ties, triplets, and duplets in simple and compound meters while conducting.

| Title | Tags |
|---|---|
| Improvisation | 212139, 0, 3 |

**Learning Outcome**
Students will demonstrate the ability to improvise idiomatic melodic and rhythmic patterns in response to a given call.

and describe sentences and period structures and demonstrate an understanding of binary and ternary form

| Title | Tags |
| --- | --- |
| Composition | 212299, 0, 4 |

**Learning Outcome**
Students will be able to compose a ternary form piece that modulates to a closely related key

## MUSIC 198 - Sight Singing 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 198 |

**Teaching Area**
MUSIC
**Course Title**
Sight Singing 2
**Course Description**
Continued development of aural skills through sight singing, rhythm reading, and improvisation; emphasis on arpeggiated melodies and more advanced rhythms.
**Department**
Music
**When Taught**
Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

## MUSIC 201 - Civilization: Music 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 201 |

**Teaching Area**
MUSIC
**Course Title**
Civilization: Music 1
**Course Description**
History of civilization from Greek antiquity through the seventeenth century, primarily from perspective of musical literature and the arts; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.
**Department**
Music
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Ability to read musical notation
**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu

- MUSIC 197 - Sight Singing 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Sight singing | 212140, 0, 1 |

**Learning Outcome**
Students will demonstrate the ability to sight-read diatonic melodies that arpeggiate triads and sevenths in any major or minor key.

| Title | Tags |
|---|---|
| Rhythm reading | 212141, 0, 2 |

**Learning Outcome**
Students will demonstrate the ability to accurately perform rhythms involving sextuple division, syncopation, and less common beat values while conducting.

| Title | Tags |
|---|---|
| Improvisation | 212142, 0, 3 |

**Learning Outcome**
Students will demonstrate the ability to improvise idiomatic melodic patterns over given chord changes.

complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Music 201 - Honors | 187753, 0 |

**Learning Outcome**
Music 201 surveys music, the visual arts, and literature from ancient history to the beginning of the baroque period, giving emphasis whenever possible to the subject of music. As comprehension of musical scores constitutes an important part of the lectures and the exams, the ability to read music will help you excel in this course.
Students who cannot read music will find it more difficult to do well.

| Title | Tags |
|---|---|
| Foundational Knowledge | 206524, 0 |

**Learning Outcome**
Demonstrate foundational knowledge and skills in the methods of investigating, expressing, and evaluating concepts in the Arts, with a focus on music, from Ancient Greece to ca. 1720.

| Title | Tags |
|---|---|
| Communication | 206545, 1 |

**Learning Outcome**
Communicate effectively through writing with diverse audiences about music, culture and the arts from Ancient Greece to ca. 1720.

| Title | Tags |
|---|---|
| Cultural Awareness | 206547, 2 |

**Learning Outcome**
Identify and describe the major cultural ideas and styles from the Western cultural tradition from Ancient Greece to ca. 1720.

| Title | Tags |
|---|---|
| Life-long Learning | 206553, 3 |

**Learning Outcome**
Demonstrate the skills and abilities needed for a life-long critical and evaluative pursuit of art, literature, music, and philosophy

## MUSIC 202 - Civilization: Music 2

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
202

**Teaching Area**
MUSIC

**Course Title**
Civilization: Music 2

**Course Description**
History of civilization from the eighteenth century through the present day, primarily from perspective of musical literature and the arts; exploring fundamental questions in human experience, examining formative events in history; understanding value of important texts.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Ability to read musical notation

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Music 202 - Honors | 187897, 1 |

**Learning Outcome**
Music 202 surveys music, the visual arts, and literature from the middle baroque to the present day, giving emphasis whenever possible to the subject of music. As comprehension of musical scores constitutes an important part of the lectures and the exams, the ability to read music will help you excel in this

## MUSIC 203 - World Music Cultures

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
203

**Teaching Area**
MUSIC

**Course Title**
World Music Cultures

**Course Description**
Traditional music of selected cultures of Asia, Oceania, Africa, Europe, and the Americas, including both folk and art music traditions.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Non-music major status.

**Note**
For non-music majors.

| Title | Tags |
| --- | --- |
| Respect | 188010, 0, 1 |

**Learning Outcome**
Know music and its creators are worthy of respect.
Recognize the role of music in the maintenance and/or creation of cultural boundaries, and thus the potentiality for cultural representation.

| Title | Tags |
| --- | --- |
| Awareness | 188013, 0, 2 |

**Learning Outcome**

music will help you excel in this course. Students who cannot read music will find it more difficult to do well.

| Title | Tags |
| --- | --- |
| Foundational Knowledge | 206529, 2 |

**Learning Outcome**
Demonstrate foundational knowledge and skills in the methods of investigating, expressing, and evaluating concepts in the Arts, with a focus on music, from ca. 1720 to the present day.

| Title | Tags |
| --- | --- |
| Communication | 206543, 3 |

**Learning Outcome**
Communicate effectively through writing with diverse audiences about music, culture and the arts from ca. 1720 to the present day.

| Title | Tags |
| --- | --- |
| Life-long Learning | 206548, 5 |

**Learning Outcome**
Demonstrate the skills and abilities needed for a life-long critical and evaluative pursuit of art, literature, music, and philosophy

| Title | Tags |
| --- | --- |
| Cultural Awareness | 206555, 4 |

**Learning Outcome**
Identify and describe the major cultural ideas and styles from the Western cultural tradition from ca. 1720 to the present day.

Be aware of current musical biases toward their 'home' culture and account for these biases when encountering unfamiliar music.

| Title | Tags |
| --- | --- |
| Research & evaluation | 188012, 0, 3 |

**Learning Outcome**
Be curious about music and its creators. Write research questions about music and evaluate potential sources, while working towards an answer.

## MUSIC 204 - Introduction to Jazz

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 204 |

**Teaching Area**
MUSIC
**Course Title**
Introduction to Jazz
**Course Description**

## MUSIC 221 - Functional Piano Skills 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 221 |

**Teaching Area**
MUSIC
**Course Title**
Functional Piano Skills 1
**Course Description**

Fostering an understanding and appreciation of jazz music within the context of American history and culture.

**Department**
Music

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Non-music major status

**Note**
For non-music majors. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Honors Intro to Jazz | 187802, 0 |

**Learning Outcome**
Master a basic vocabulary for describing musical eventsBe able to reproduce a chronology of the most important events (including recordings) in the history of jazzBe able to recognize important styles, pieces, and soloists, by ear

Provides music majors with basic keyboarding ability in such areas as sight reading, technique, harmonization, and score reading.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Piano skills determined by entrance diagnostic exam; music major status

| Title | Tags |
| --- | --- |
| 221 Functional Piano Skill | 187321, 1 |

**Learning Outcome**
At the end of this class, students should be able to:
Play major and minor cadences using tonic, sub-dominant and dominant chords in all keys at a tempo of 80, one chord per beat.

| Title | Tags |
| --- | --- |
| Harmonize Melodies | 187322, 2 |

**Learning Outcome**
Harmonize melodies using the assigned accompaniment patterns demonstrating an ability to use chords in root and inverted positions.

| Title | Tags |
| --- | --- |
| Melodies by Ear | 187323, 3 |

**Learning Outcome**
Play common melodies by ear using assigned chordal accompaniments.

| Title | Tags |
| --- | --- |
| Improvise Melody | 187324, 4 |

**Learning Outcome**
Improvise a melody with the right hand while playing the assigned chordal accompaniment with the left hand.

| Title | Tags |
| --- | --- |
| Major and Harmonic Minor Scales | 187325, 5 |

**Learning Outcome**
Play the major and harmonic minor scales that begin on the white keys for one octave up and down the keyboard at a tempo of 100 – two notes per beat.

| Title | Tags |
| --- | --- |
| Sight Reading | 187326, 6 |

**Learning Outcome**
Be able to sight read given examples with a minimum of mistakes and hesitations.

| Title | Tags |
| --- | --- |
| Perform Assigned Repertoire | 187327, 7 |

**Learning Outcome**
Perform assigned repertoire demonstrating an ability to play expressively while observing all terms and symbols, and fingering, at a tempo appropriate for the piece.

| Title | Tags |
| --- | --- |
| Accompaniment to Solos | 187328, 8 |

**Learning Outcome**
Perform assigned accompaniments to solos demonstrating an ability to follow the performance of the soloist.

## MUSIC 222 - Functional Piano Skills 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 222 |

**Teaching Area**

## MUSIC 223 - Jazz Harp Techniques

### Course Information

**Course Number**
223
**Teaching Area**

MUSIC
**Course Title**
Functional Piano Skills 2
**Course Description**
Continuation of Music 221.
**Department**
Music
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
C- or higher in Music 221; music major status

| Title | Tags |
|---|---|
| 222 Functional Piano Skills | 187329, 1 |

**Learning Outcome**
Continuing to build upon skills gained from Mus 221, students will also be able to:
Play the assigned progressions in all keys up to four sharps and four flats at a tempo of 88 per half note.

| Title | Tags |
|---|---|
| Harmonize Melodies | 187330, 2 |

**Learning Outcome**
Harmonize given melodies using the assigned accompaniment pattern and chord symbols demonstrating ease in moving from chord to the next.

| Title | Tags |
|---|---|
| Common Melodies by Ear | 187331, 3 |

**Learning Outcome**
By ear, play a common melodies with the right hand as assigned. With the left hand, play a chordal

MUSIC
**Course Title**
Jazz Harp Techniques
**Course Description**
Exploration of jazz theory applied on the harp. Development of skills in jazz chord pedaling, improvisation and lead sheet reading.
**Department**
Music
**When Taught**
Fall Odd Years

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
1

**Simple Requisites**

**Untitled Requirement**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MUSIC 196 - Music Theory 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Lead Sheets | 214117, 0, 1, 2023-08-29 11:12:29 |

**Learning Outcome**
After completing this course, students will feel comfortable reading off of a lead sheet.

| Title | Tags |
|---|---|
| Improvisation | 214118, 0, 2, 2023-08-29 11:12:31 |

**Learning Outcome**
Students will learn to improvise as a soloist or in a jazz ensemble.

| Title | Tags |
|---|---|
| Jazz Harmony | 214119, 0, 3, 2023-08-29 11:12:34 |

**Learning Outcome**
Students will develop greater fluidity in pedal movements required in jazz harmony.

accompaniment using the assigned accompaniment pattern.

| Title | Tags |
| --- | --- |
| Improvisation | 187332, 4 |

**Learning Outcome**
Improvise a melody with the right hand while playing the assigned chordal accompaniment with the left hand.

| Title | Tags |
| --- | --- |
| Major and Harmonic Minor Scales | 187333, 5 |

**Learning Outcome**
Play major and harmonic minor scales that begin on the white keys for two octaves up and down the keyboard at a tempo of 120 – two notes per beat.

| Title | Tags |
| --- | --- |
| Major and Minor Arpeggios | 187334, 6 |

**Learning Outcome**
Play major and minor arpeggios that begin on the white keys for two octaves up and down the keyboard at a tempo of 120 – two notes per beat.

| Title | Tags |
| --- | --- |
| Sight reading | 187335, 7 |

**Learning Outcome**
Be able to sight read given examples with a minimum of mistakes and hesitations.

| Title | Tags |
| --- | --- |
| Perform Assigned Repetoire | 187336, 8 |

**Learning Outcome**
Perform assigned repertoire demonstrating an ability to play expressively while observing all terms and symbols, and fingering, at a tempo appropriate for the piece.

| Title | Tags |
| --- | --- |
| Perform a Hymn | 187337, 9 |

**Learning Outcome**
Perform a hymn of your choice from the LDS hymnbook or from a standard hymnbook from another denomination.

| Title | Tags |
| --- | --- |
| Accompaniment to Solos | 187338, 10 |

**Learning Outcome**
Perform accompaniments to solos as assigned demonstrating an ability to follow the performance of the soloist.

| Title | Tags |
| --- | --- |
| Score Reading Example | 187339, 11 |

**Learning Outcome**
Prepare a score reading example that relates to your major instrument. Play the line of your instrument and one other line of a differing and transposing instrument.

## MUSIC 235A - Instructional Conducting Techniques.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 235A |

**Teaching Area**
MUSIC
**Course Title**
Instrumental Conducting Techniques.
**Course Description**
Physical techniques and musical understanding required to conduct an instrumental performance ensemble.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

## MUSIC 235B - Choral Conducting Techniques

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 235B |

**Teaching Area**
MUSIC
**Course Title**
Choral Conducting Techniques
**Course Description**
Physical techniques and musical understanding required to conduct a choral performance ensemble.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 193 - Aural Skills 1
  **AND** MUSIC 195 - Music Theory 1
  **AND** MUSIC 197 - Sight Singing 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Instrumental Conducting Technique | 187340, 2 |

**Learning Outcome**
Students will be able to:
--Explain and demonstrate the conductor's correct posture, stance, baton grip, and hand/arm position.
--Explain and demonstrate the conductor's preparatory gesture, ictus, rebound, the conducting patterns.
--Demonstrate expressive and ambidextrous use of both hands as it relates to the musical score.
--Conduct in various articulation styles, legato, staccato, marcato, & tenuto
--Conduct clear beat patterns, mixed meter, subdivision, and cuing technique.
--Define musical terms as useful for a conductor., and understand/explain the transpositions of instruments found within a musical score.
--Convincingly conduct a variety of musical excerpts

| Title | Tags |
|---|---|
| Instrumental Conducting | 187781, 0 |

**Learning Outcome**
Students will develop the physical techniques and interpretive skills required to be an instrumental conductor.

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 193 - Aural Skills 1
  **AND** MUSIC 195 - Music Theory 1
  **AND** MUSIC 197 - Sight Singing 1

**Additional Comments:**

| Title | Tags |
|---|---|
| 235B Choral Conducting | 187688, 0 |

**Learning Outcome**
Students will demonstrate in their own conducting an understanding of and proficiency with the following techniques: beat patterns, style (legato/marcato), the conducting field, breath releases, melding, the SuperClick, subdivision of beats, fermatas, dynamics, cuing, phrase shaping, irregular meters, and multi metrics.

## MUSIC 249 - Sophomore Recital

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
249

**Teaching Area**
MUSIC

**Course Title**
Sophomore Recital

**Course Description**
Prerecital hearing required at least three weeks before juried recitals.

**Department**
Music

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
0

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Music 260R and instructor's consent

**Note**
NOTE: Fee. NOTE: Students mus register for recital before it can be scheduled; contact studio instructor for details.

| Title | Tags |
| --- | --- |
| Recital Review and Performance | 187736, 0, 1 |

**Learning Outcome**
Preview the entire recital for faculty at least three weeks prior to the performance, and then perform the recital.

## MUSIC 251 - Music Technology 1

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
251

**Teaching Area**
MUSIC

**Course Title**
Music Technology 1

**Course Description**
Music technology concepts, principles, and applications. Foundation course in Commercial Music core.

**Department**
Music

**When Taught**
Fall

#### Credit Hours

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
2

**Other Prerequisites**
Music major status or instructor consent for TMA majors.

| Title | Tags |
| --- | --- |
| Practical Hands-On Experience | 187759, 3 |

**Learning Outcome**
This course focuses on basic audio principles. Students will begin to use studio technology in labs for this course where they can benefit from hands-on experience.

| Title | Tags |
| --- | --- |
| Audio Technology | 187975, 2 |

**Learning Outcome**
Student will become familiar with basic audio principles, including fundamentals of hearing, psycho-acoustics, microphones, speakers, mixing consoles, patch bays, signal processing, etc.

| Title | Tags |
| --- | --- |
| Technology | 188033, 1 |

**Learning Outcome**
Students are introduced to the basics of hardware and software technology used in commerical music production. They will demonstrate a working knowledge of sequencing and notation programs.

## MUSIC 252 - Music Technology 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 252 |

**Teaching Area**
MUSIC
**Course Title**
Music Technology 2
**Course Description**
Continuation of Music 251. Music technology concept, principles, and applications.
**Department**
Music
**When Taught**
Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 251 - Music Technology 1

**Additional Comments:**

## MUSIC 256 - Recording Studio 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 256 |

**Teaching Area**
MUSIC
**Course Title**
Recording Studio 1
**Course Description**
Basic recording theory, operational techniques, and procedures.
**Department**
Music
**When Taught**
Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 251 - Music Technology 1

**Additional Comments:**

Additional Comments:

| Title | Tags |
| --- | --- |
| Audio Technology | 188308, 2 |

**Learning Outcome**
Students gain a more intermediate level of familiarity with recording equipment, recording and mixing strategies, and software tools.

| Title | Tags |
| --- | --- |
| Audio Production | 188310, 3 |

**Learning Outcome**
Students continue to develop additional proficiency in audio and music production techniques by applying various concepts in a number of scenarios.

| Title | Tags |
| --- | --- |
| Practical Hands-On Experience | 188311, 4 |

**Learning Outcome**
This course is project based, and involves hands on learning both in class and outside of class while working on a variety of assignments. Students also go on a number of field trips, providing an opportunity to see first hand how professional music and sound facilities function and how various pieces of equipment are used to accomplish certain objectives.

| Title | Tags |
| --- | --- |
| Career Sampler | 188309, 0, 1 |

**Learning Outcome**
Building on the knowledge and skillsets gained in Music 251, this class provides an opportunity for students to be introduced to different areas within commercial music. The student gets a chance to briefly expereince what it's like to be a film composer, a post-production audio engineer, music producer, studio owner, and a variety of other areas. Students increase their level of technological competency and ability to execute different types of projects and gain additional skills associated with each area.

| Title | Tags |
| --- | --- |
| Aesthetics | 187599, 2 |

**Learning Outcome**
Student will develop a sense of the aesthetic values commonly applied to music production.

| Title | Tags |
| --- | --- |
| Audio Production | 187676, 1 |

**Learning Outcome**
Student will achieve an intermediate-level of proficiency in audio production techniques, workflows, processes, common tasks, etc.

| Title | Tags |
| --- | --- |
| Practical Hands-On Experience | 187763, 3 |

**Learning Outcome**
This course focuses on experimentation in the studio. Many audio concepts are best understood and appreciated (and greater learning results are achieved) from hands-on demonstration and operation of the involved technology.

| Title | Tags |
| --- | --- |
| Audio Technology | 187796, 0 |

**Learning Outcome**
Student will become familiar with basic audio technology: microphones, monitors, mixers, signal processors, digital audio workstations, audio recorders, etc.

## MUSIC 257 - Recording Studio 2

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
257

**Teaching Area**
MUSIC

**Course Title**
Recording Studio 2

**Course Description**
Continuation of Music 256.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 256 - Recording Studio 1

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Practical Hands-On Experience | 187950, 3 |

**Learning Outcome**
This course focuses on experimentation in the studio. Many audio concepts are best understood and appreciated (and greater learning results are achieved) from hands-on demonstration and operation of the involved technology.

## MUSIC 259 - Psychology of Performance

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
259

**Teaching Area**
MUSIC

**Course Title**
Psychology of Performance

**Course Description**
Psychological skills for performers. Topics include audition preparation, conquering stage fright, preventing overuse injury, attention control, creativity. Skills applicable to any performance situation.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Psychology of Performance | 188431, 1 |

**Learning Outcome**
Students completing this course will be able to:1. Have the skills to manage anxiety through the implementation of relaxation training.2. Use mental visualization to enhance their performance and their performance preparation.3. Use the 5 stages of the performance process to support future performance.4. Create an optimal performance mindset.5. Approach a performance with confidence.6. Break through what is limiting their self expression.7. Step up, risk and enjoy performing.

| Title | Tags |
| --- | --- |
| Audio Production | 188312, 1 |

**Learning Outcome**
Student will achieve a more advanced level of proficiency in audio production techniques, workflows, processes, common tasks, etc.

| Title | Tags |
| --- | --- |
| Audio Technology | 188313, 0 |

**Learning Outcome**
Student will become comfortable with audio technology: microphones, monitors, mixers, signal processors, digital audio workstations, audio recorders, etc.

| Title | Tags |
| --- | --- |
| Aesthetics | 188314, 2 |

**Learning Outcome**
Student will develop a more advanced sense of the aesthetic values commonly applied to music production. They will also increase in their ability to hear various techniques and strategies used to create industry standard sound and music.

## MUSIC 260R - Performance Instruction: Piano

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Piano

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Performance and Repertoire | 188378, 1 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes at an appropriate artistic level for their year of study.

## MUSIC 260R - Performance Instruction: Violin

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Violin

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Applied Violin Instruction | 188116, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

## MUSIC 260R - Performance Instruction: Saxophone

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Saxophone

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

## MUSIC 260R - Performance Instruction: Horn

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Horn

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

## MUSIC 260R - Performance Instruction: Flute

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Flute

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**

## MUSIC 260R - Performance Instruction: Organ

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Organ

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**

Fall, Winter, Spring

**Credit Hours**

Min
0.5

Fixed
2

**Lecture Hours**

Fixed
1

**Lab Hours**

Fixed
1

Other Prerequisites
Music major status.
Fee
Semester: 514; Term: 257
Note
From one to four hours of daily practice. Fee.

Fall, Winter, Spring

**Credit Hours**

Min
0.5

Fixed
2

**Lecture Hours**

Fixed
1

**Lab Hours**

Fixed
1

Other Prerequisites
Music major status.
Fee
Semester: 514; Term: 257
Note
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Work Ethic | 188121, 1 |

Learning Outcome
Students completing this course will be able to:1. Have the skills to manage anxiety through the implementation of relaxation training.2. Use mental visualization to enhance their performance and their performance preparation.3. Use the 5 stages of the performance process to support future performance.4. Create an optimal performance mindset.5. Approach a performance with confidence.6. Break through what is limiting their self expression.7. Step up, risk and enjoy performing.

## MUSIC 260R - Performance Instruction

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

**Title**
Performance Instruction

**Tags**
187352, 1

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique, and strengthen their interpretive skills.

## MUSIC 260R - Performance Instruction: Trombone

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Trombone

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

**Title**
Work Ethic

**Tags**
188123, 1

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 260R - Performance Instruction: Harp

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Harp

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Work Ethic | 188126, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

## MUSIC 260R - Performance Instruction: Bassoon

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Bassoon

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

## MUSIC 260R - Performance Instruction: Trumpet

### Course Information

**Teaching Area (new)**

**Course Number**

## MUSIC 260R - Performance Instruction: Guitar

### Course Information

**Teaching Area (new)**

**Course Number**

MUSIC 260R

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Trumpet
**Course Description**
Private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.
**Fee**
Semester: 514; Term: 257
**Note**
From one to four hours of daily practice. Fee.

MUSIC 260R

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Guitar
**Course Description**
Private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.
**Fee**
Semester: 514; Term: 257
**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Work Ethic | 188129, 1 |

**Learning Outcome**
Students will apply their knowledge of songwriting they have learned from other courses directly to their projects for this course. Although songwriting isn't directly taught in this course, it is expected that students apply proven songwriting techniques. This includes song form, the craft of lyric writing, using a golden brick, writing proper bridges, introductions, chord progressions and etc.

## MUSIC 260R - Performance Instruction: Cello

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Cello

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Applied Cello Instruction | 188115, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

## MUSIC 260R - Performance Instruction: Tuba

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Tuba

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Work Ethic | 188124, 1 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 260R - Performance Instruction: Contemporary Voice

## MUSIC 260R - Performance Instruction: Harpsichord

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Contemporary Voice

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Work Ethic | 188130, 1 |

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique, and strengthen their interpretive skills.

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Harpsichord

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Work Ethic | 188120, 1 |

**Learning Outcome**
Students completing this course will be able to:1. Have the skills to manage anxiety through the implementation of relaxation training.2. Use mental visualization to enhance their performance and their performance preparation.3. Use the 5 stages of the performance process to support future performance.4. Create an optimal performance mindset.5. Approach a performance with confidence.6. Break through what is limiting their self expression.7. Step up, risk and enjoy performing.

## MUSIC 260R - Performance Instruction: Clarinet

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Clarinet

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

## MUSIC 260R - Performance Instruction: Euphonium

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Euphonium

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Work Ethic | 188127, 1 |

**Learning Outcome**
Students will apply their knowledge of songwriting they have learned from other courses directly to their projects for this course. Although songwriting isn't directly taught in this course, it is expected that students apply proven songwriting techniques. This includes song form, the craft of lyric writing, using a golden brick, writing proper bridges, introductions, chord progressions and etc.

## MUSIC 260R - Performance Instruction: Viola

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Viola

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Applied Viola Instruction | 188336, 1 |

**Learning Outcome**
Students will demonstrate the abillity to perform standard solo repertoire, orchestral excerpts at an appropriate artistic level for their year of study. Students will cultivate technical and musical skills needed to pursue a career in music.

## MUSIC 260R - Performance Instruction: String Bass

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: String Bass

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Work Ethic | 188183, 1 |

**Learning Outcome**
Students will apply their knowledge of songwriting they have learned from other courses directly to their projects for this course. Although songwriting isn't directly taught in this course, it is expected that students apply proven songwriting techniques. This includes song form, the craft of lyric writing, using a golden

brick, writing proper bridges, introductions, chord progressions and etc.

## MUSIC 260R - Performance Instruction: Classical Voice

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Classical Voice

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status. Concurrent enrollment in Music 262R: Diction Lab in Fall and Winter semesters.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

## MUSIC 260R - Performance Instruction: Oboe

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Oboe

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

## MUSIC 260R - Performance Instruction: Music Technology Studio

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**

## MUSIC 260R - Performance Instruction: Percussion

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
260R

**Teaching Area**

MUSIC
**Course Title**
Performance Instruction: Music Technology Studio
**Course Description**
Private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.
**Fee**
Semester: 514; Term: 257
**Note**
From one to four hours of daily practice. Fee.

MUSIC
**Course Title**
Performance Instruction: Percussion
**Course Description**
Private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 261 - MDT Vocal Technique 2

**Additional Comments:**

**Other Prerequisites**
Music major status.
**Fee**
Semester: 514; Term: 257
**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Work Ethic | 188125, 1 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 261 - MDT Vocal Technique 2

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
261

**Teaching Area**
MUSIC

**Course Title**
MDT Vocal Technique 2

**Course Description**
Contemporary vocal styles and techniques, including pop/belt, stage, and studio singing.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

**Additional Comments:**

**Note**
MDT Majors only

## MUSIC 262R - Diction Lab 1: English

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
262R

**Teaching Area**
MUSIC

**Course Title**
Diction Lab 1: English

**Course Description**
The study of English diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

## MUSIC 262R - Diction Lab 1: German

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
262R

**Teaching Area**
MUSIC

**Course Title**
Diction Lab 1: German

**Course Description**
The study of German diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

**Department**
Music

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
0.5

**Fixed**
0.5

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
1

**Other Prerequisites**
Concurrent enrollment in Music 260R: Classical Voice.

## MUSIC 262R - Diction Lab 1

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
262R

**Teaching Area**
MUSIC

**Course Title**
Diction Lab 1

**Course Description**
The study of diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

**Department**
Music

**When Taught**
Contact Department

**Credit Hours**

**Min**
0.5

**Fixed**
0.5

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
1

## MUSIC 262R - Diction Lab 1: Italian

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
262R

**Teaching Area**
MUSIC

**Course Title**
Diction Lab 1: Italian

**Course Description**
The study of Italian diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

## MUSIC 262R - Diction Lab 1: French

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
262R

**Teaching Area**
MUSIC

**Course Title**
Diction Lab 1: French

**Course Description**
The study of French diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

## MUSIC 264 - Keyboard Foundations 1

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
264

**Teaching Area**
MUSIC

**Course Title**
Keyboard Foundations 1

**Course Description**
Sight-reading, harmonization, improvisation, and technique at the keyboard.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
2

## MUSIC 265 - Keyboard Foundations 2

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
265

**Teaching Area**
MUSIC

**Course Title**
Keyboard Foundations 2

**Course Description**
Continuation of Music 264.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 198 - Sight Singing 2
  **AND** MUSIC 260R - Performance Instruction: Percussion

**Additional Comments:**

| Title | Tags |
|---|---|
| Keyboard Foundations - 264 | 187871, 1 |

**Learning Outcome**
The goal of 264/265 is to give students a strong introduction to various musical skills that they will very likely come across in the professional world. Many of these skills will draw on the student's knowledge of music theory and become the concrete application of that knowledge.As keyboard players –they are expected to have the strongest working knowledge of harmony, as the instrument is polyphonic in nature – not homophonic. The ability to see many notes and instantly divide them into harmonic groupings is crucial and a common denominator for nearly every aspect of this class. Sometimes this grouping skill will include adding or subtracting notes from the page, or supplying notes that are only notated by a symbol. Very often students can play their performance repertoire wonderfully, but are virtually helpless and intimidated when attempting to add or subtract some of their own notes when not written specifically on the

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 264 - Keyboard Foundations 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Musical Skills Continued | 187847, 1 |

**Learning Outcome**
The goal of 264/265 is to give students a strong introduction to various musical skills that they will very likely come across in the professional world including: Sightreading, Modulation, Open Score Reading, Figured Bass, Transposition and Fakebook Improvisation.

not written specifically on the page. This tendency represents incomplete musicianship - it is instead only well trained muscles. The outcomes for this course include sight reading, modulation, score reading, figured bass, transposition and improvisation. After discussing other items that would be considered foundational material for keyboard players in 2012, it was decided that added emphasis would be given to the history of great pianists.

## MUSIC 271 - Musicality in the Elementary School

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
271

**Teaching Area**
MUSIC

**Course Title**
Musicality in the Elementary School

**Course Description**
Survey of authentic folk song and art music tonal systems and structures; their use in developing musical intuition through singing, movement, listening, and playing instruments.

**Department**
Music

**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
1

**Other Prerequisites**
Acceptance into the Music Education: Elementary Education Emphasis program

| Title | Tags |
| --- | --- |

## MUSIC 272 - Developing Children's Musicality, Grades K--2

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
272

**Teaching Area**
MUSIC

**Course Title**
Developing Children's Musicality, Grades K--2

**Course Description**
Literature-based curriculum design and planning, grades K--2. Issues of pure intonation and vocal/aural development. Microteaching in a demonstration school.

**Department**
Music

**When Taught**
Winter

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Improvisation and Movement 187655, 2

Learning Outcome
Students will Improvise on piano and drums, patterns to guide young children' s movement leading toawareness of rhythms, meters, and formal structures.

| Title | Tags |
| --- | --- |
| Teaching Strategies | 187683, 6 |

Learning Outcome
Students will demontrate different strategies to effectively teach children using the teaching/learning processes explored in class.

| Title | Tags |
| --- | --- |
| Folk Song Analysis | 187689, 0 |

Learning Outcome
Students will analyze folk songs according to tone sets, scale types, rhythm patterns, and formal structures and create an organized index/retrieval system based on such analysis.

| Title | Tags |
| --- | --- |
| Dictation, Melody, and Rhythm | 187714, 4 |

Learning Outcome
Students will take from dictation, folk song melodies and rhythms, and sing with accuracy intervals, pentatonic scales, and modes.

| Title | Tags |
| --- | --- |
| Pitch and Intonation | 187798, 1 |

Learning Outcome
Students will demonstrate ability to sing children' s songs with accurate pitch and intonation.

| Title | Tags |
| --- | --- |
| Developmentally Appropriate Learning | 187799, 5 |

Learning Outcome
Students will be able to explain how children learn, and how they learn music, including an understanding of development ateach age, windows of opportunity for learning certain things, and ages and stages of

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 271 - Musicality in the Elementary School

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Developmentally Appropriate Learning | 187607, 7 |

Learning Outcome
Students will be able to explain how children learn, and how they learn music, including an understanding of development ateach age, windows of opportunity for learning certain things, and ages and stages of growth.

| Title | Tags |
| --- | --- |
| Dictation, Melody, and Rhythm | 187610, 6 |

Learning Outcome
Students will take from dictation, folk song melodies and rhythms, and sing with accuracy intervals, pentatonic scales, and modes.

| Title | Tags |
| --- | --- |
| Improvisation and Movement | 187622, 4 |

Learning Outcome
Students will Improvise on piano and drums, patterns to guide young children' s movement leading toawareness of rhythms, meters, and formal structures.

| Title | Tags |
| --- | --- |
| Pitch and Intonation | 187717, 3 |

Learning Outcome
Students will demonstrate ability to sing children' s songs with accurate pitch and intonation.

| Title | Tags |
| --- | --- |
| Technology in Music Education | 187749, 1 |

Learning Outcome
Students will demonstrate growth in knowledge of the use of technology in music education. In this class you will be asked toa. use finale to input music for flash cardsb. use the web to investigate music program offerings for young

growth.

| Title | Tags |
| --- | --- |
| Accompanying | 187806, 3 |

**Learning Outcome**
Students will demonstrate ability to accompany on autoharp or guitar, children' s folk and traditional songs, showing anunderstanding of keys and chord patterns.

| Title | Tags |
| --- | --- |
| Technology in Music Education | 187944, 7 |

**Learning Outcome**
Students will demonstrate growth in knowledge of the use of technology in music education. In this class you will be asked toa. use finale to input music for flash cardsb. use the web to investigate music program offerings for young childrenc. use the web to locate businesses that specialize in early childhood music books, instruments,and other equipment for music development and explorationd. create a song index retrieval system you can use throughout your education career,e. review interactive music teaching computer programs available for children

program offerings for young childrenc. use the web to locate businesses that specialize in early childhood music books, instruments,and other equipment for music development and explorationd. create a song index retrieval system you can use throughout your education career,e. review interactive music teaching computer programs available for children

| Title | Tags |
| --- | --- |
| Folk Song Analysis | 187829, 2 |

**Learning Outcome**
Students will analyze folk songs according to tone sets, scale types, rhythm patterns, and formal structures and create an organized index/retrieval system based on such analysis.

| Title | Tags |
| --- | --- |
| Teaching Strategies | 187836, 8 |

**Learning Outcome**
Students will demontrate different strategies to effectively teach children using the teaching/learning processes explored in class.

| Title | Tags |
| --- | --- |
| Accompanying | 187985, 5 |

**Learning Outcome**
Students will demonstrate ability to accompany on autoharp or guitar, children' s folk and traditional songs, showing anunderstanding of keys and chord patterns.

## MUSIC 273A - Percussion Techniques

### Course Information

**Teaching Area (new)** | **Course Number**
MUSIC | 273A

**Teaching Area**
MUSIC

**Course Title**
Percussion Techniques

**Course Description**
Accessory and concert percussion instruments and related performance literature

## MUSIC 273B - Percussion Techniques

### Course Information

**Teaching Area (new)** | **Course Number**
MUSIC | 273B

**Teaching Area**
MUSIC

**Course Title**
Percussion Techniques

**Course Description**
Introduction to world percussion, drum set, and marching percussion techniques

performance literature.

**Department**
Music
**When Taught**
Fall

## Credit Hours

**Min**
0.5

**Fixed**
0.5

## Lecture Hours

**Fixed**
1

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Percussion performance major or music education major with percussion emphasis

**Title**
MUS 273A - Percussion Techniques

**Tags**
187809, 0

**Learning Outcome**
Introduce basic concepts utilized in concert percussion performance. The focus will be on instruments that would be the part of a percussion section in a concert band, orchestra, or percussion ensemble.Students will become familiar with basic techniques on snare drum, bass drum, cymbals, timpani, keyboard percussion and percussion accessory instruments. Application of these techniques will be related to literature as well as an understanding of basic maintenance, tuning and care of the instruments. Students will be able to demonstrate their ability to play these instruments in a variety of ensemble performance situations with confidence.

techniques.

**Department**
Music
**When Taught**
Winter

## Credit Hours

**Min**
0.5

**Fixed**
0.5

## Lecture Hours

**Fixed**
1

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 273A - Percussion Techniques

**Additional Comments:**

**Title**
MUS 273B - Percussion Techniques

**Tags**
187743, 0

**Learning Outcome**
Students will become familiar with basic techniques on instruments from Africa, Brazil, Cuba, the Middle East, Asia, and other parts of the world. Some exposure to these exotic instruments will take place with an emphasis of “hands on” experiences. Application of these techniques will be related to literature and recordings as well as an understanding of basic maintenance, tuning and care of the instruments. Students will be able to demonstrate their ability to play these instruments in a variety of performance situations with confidence.

# MUSIC 276 - Introduction to Music Education

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
276

**Teaching Area**
MUSIC

**Course Title**
Introduction to Music Education

**Course Description**
Teaching experiences and seminars aimed at helping prospective music teachers experience the demands and opportunities associated with teaching secondary music students.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 176 - Careers in Music Education

**Additional Comments:**

**Other Prerequisites**
FBI fingerprint and background clearance. Successfully complete the Technology Skills Assessment

**Title**
Teaching Process

**Tags**
214120, 0, 1, 2023-08-29 11:14:23

**Learning Outcome**
Students will learn about and execute basic skills of lesson planning and teaching processes, i.e., developing learning objectives, using effective instructional strategies, sequencing instruction, assessing learning, and delivering instruction.

**Title**
Organizing Instruction

**Tags**
214121, 0, 2, 2023-08-29 11:14:25

**Learning Outcome**
Students will utilize national standards and expanded music literacy concepts to organize instructional content.

# MUSIC 278 - Foundations of Music Teaching and Learning

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
278

**Teaching Area**
MUSIC

**Course Title**
Foundations of Music Teaching and Learning

**Course Description**
Using an experiential approach, exploring ways to provide rich musical experiences for secondary students in general music situations, including mapping, additive approach, and other methods. Effective teaching and classroom management also addressed.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 276 - Introduction to Music Education

**Additional Comments:**

**Title**
Secondary General Methods

**Tags**
214125, 0, 1, 2023-08-29 11:14:58

**Learning Outcome**
Through an experiential appoach, students will become familiar with secondary education methodssuch as mapping, additive approach and other methods. As well, students will receive instruction of effective classroom management

management.

| Title | Tags |
| --- | --- |
| Musical Skills | 214122, 0, 3, 2023-08-29 11:14:38 |

**Learning Outcome**
Students will demonstrate basic skills related to two new instruments and to singing.

| Title | Tags |
| --- | --- |
| Theory of Music Teaching | 214123, 0, 4, 2023-08-29 11:14:40 |

**Learning Outcome**
Students will deepen their awareness of and thinking about educational theories underlying music instruction.

| Title | Tags |
| --- | --- |
| Attitudes and Behaviors | 214124, 0, 5, 2023-08-29 11:14:48 |

**Learning Outcome**
Students will develop professional attitudes and behaviors needed for success in the music education major and in the music teaching profession.

## MUSIC 280R - Topics in Music

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
280R
**Teaching Area**
MUSIC
**Course Title**
Topics in Music
**Course Description**
Topics vary.
**Department**
Music
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

| Title | Tags |
| --- | --- |
| Special Topics in Music | 187922, 0 |

**Learning Outcome**
Specific learning outcomes are

## MUSIC 281 - Foundations of Teaching Children Music

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
281
**Teaching Area**
MUSIC
**Course Title**
Foundations of Teaching Children Music
**Course Description**
Methods and materials for teaching general music, K--12. Cognitive development and learning styles as a basis for instructional strategies. Includes Dalcroze, Orff, and Kodaly.
**Department**
Music
**When Taught**
Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**

explicated at the outset of the course, but vary from syllabus to syllabus; each class explores in depth a subject supported by the particular research experience and expertise of the graduate faculty member who teaches the course.

Fixed
2

## Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 276 - Introduction to Music Education

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Music Literature Analysis | 214126, 0, 1, 2023-08-29 11:15:11 |

**Learning Outcome**
Students will analyze music literature (songs and recordings) for teaching developmentally appropriate music concepts.

| Title | Tags |
| --- | --- |
| Teaching Strategies | 214127, 0, 2, 2023-08-29 11:15:14 |

**Learning Outcome**
Students will implement appropriate teaching strategies for teaching elementary general music.

| Title | Tags |
| --- | --- |
| Orff, Dalcroze, MMCP, etc. Pedagogies | 214128, 0, 3, 2023-08-29 11:15:16 |

**Learning Outcome**
Students will apply ideas from the music pedagogies of Orff, Dalcroze, Kodaly, SongWorks, etc. in elementary music lesson plans and teaching experiences.

| Title | Tags |
| --- | --- |
| Child Musical Development | 214129, 0, 4, 2023-08-29 11:15:18 |

**Learning Outcome**
Students will develop music learning activities that are consistent with what they learn about child development and musical development, and determine appropriat means for assessing student musical

learning.

## MUSIC 282 - Foundations of Teaching Vocalists in Ensembles

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
282

**Teaching Area**
MUSIC

**Course Title**
Foundations of Teaching Vocalists in Ensembles

**Course Description**
Applied conducting technique, score analysis and preparation, evaluating solo performance, and application of learning theory.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 196 - Music Theory 2

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Voice Function | 213236, 0, 1 |

**Learning Outcome**

Identify basic anatomy and articulate how the voice functions.

## MUSIC 283 - Foundations of Teaching Instrumentalists in Ensembles

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
283

**Teaching Area**
MUSIC

**Course Title**
Foundations of Teaching Instrumentalists in Ensembles

**Course Description**
Applied conducting technique, score analysis and preparation, evaluating solo performance, and applying learning theory.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 196 - Music Theory 2

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Spiritually Strengthening | 213219, 0, 6 |

**Learning Outcome**
Discover ways to appropriately teach by the Spirit in a secular educational setting (D&C 50:13-22).

| Title | Tags |
| --- | --- |
| Principle-Based Voice Instruction | 213237, 0, 2 |

**Learning Outcome**

Articulate and demonstrate healthy vocal technique and choral habits required for successful performance, and incorporate principle-based vocal instruction in a choral rehearsal setting.

| Title | Tags |
| --- | --- |
| Score Analysis | 213238, 0, 3 |

**Learning Outcome**

Analyze choral scores in preparation to teach. This will include identifying textual, formal, and other salient features of the piece, singing and playing through all the parts, marking your score and conducting, deciding how to introduce a piece, predicting challenges in a piece, and writing an 8 week rehearsal plan.

| Title | Tags |
| --- | --- |
| Rehearsal Strategies | 213239, 0, 4 |

**Learning Outcome**

Discuss, plan, and implement diverse rehearsal/teaching strategies in a peer-teaching setting

| Title | Tags |
| --- | --- |
| Effective Conducting | 213240, 0, 5 |

**Learning Outcome**

Demonstrate principles of effective communication through conducting.

| Title | Tags |
| --- | --- |
| Performing on a Band and Orchestra Instrument | 213220, 0, 1 |

**Learning Outcome**

Demonstrate the ability to play with expression simple tunes, with proper playing position, tone quality, intonation, and rhythmic accuracy on a selected band and orchestra instrument.

| Title | Tags |
| --- | --- |
| The Role of Instrumental Music Instruction | 213222, 0, 3 |

**Learning Outcome**

Demonstrate an enthusiasm for and understanding of the role of instrumental (band and orchestra) instruction in the K-12 school music curriculum as ameans of realizing a comprehensive music education.

| Title | Tags |
| --- | --- |
| Professionalism | 213223, 0, 4 |

**Learning Outcome**

Develop professional skills, traits, and behaviors expected of a professional music educator.

| Title | Tags |
| --- | --- |
| Diagnosing Technical and Aural Problems | 213221, 0, 2 |

**Learning Outcome**

Demonstrate ability to diagnose technical problems and propose remedial strategies. This includes developing and improving aural skills for effective band and string teaching.

## MUSIC 284 - Jazz Improvisation 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 284 |

**Teaching Area**

MUSIC

## MUSIC 286 - Introduction to the Music Business

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 286 |

**Course Title**
Jazz Improvisation 1
**Course Description**
Beginning improvisation: theory and technique.
**Department**
Music
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Beginning Jazz Improvisation | 188063, 0 |

**Learning Outcome**
Students will learn the fundamentals of jazz improvisation and how to apply them in a performance environment. Such fundamentals will include blues scales and chord progressions, typical jazz chord progressions, melodic patterns for improvisation and others.

**Teaching Area**
MUSIC
**Course Title**
Introduction to the Music Business
**Course Description**
The music business and its models. Guided research topics for all musicians.
**Department**
Music
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music major status

| Title | Tags |
|---|---|
| Music Business | 188077, 1 |

**Learning Outcome**
Music 286 is required in the Commercial Music major and is a recommended elective for all music majors. In the vernacular of the day, we teach, "Don't do the music business; be a music business." The course stresses that all musicians need a business plan, and is taught in a manner relevant for all musicians. The semester's work includes exposure to a variety of guest lectures, and creation of personal semester projects, including research, which take the form of a personal business plan. Retention of material is measured with quizzes and a final exam.

## MUSIC 287 - Electronic Music Composition

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
287

**Teaching Area**
MUSIC

**Course Title**
Electronic Music Composition

**Course Description**
Introduction to composition with digital audio and related media.

**Department**
Music

**When Taught**
Fall

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status.

**Title**
Modern and Experimental Vocabularies via Composition

**Tags**
187927, 1

**Learning Outcome**
Introduction to modern and experimental music vocabularies via composition in electronic media.

## MUSIC 288 - Composition 2

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
288

**Teaching Area**
MUSIC

**Course Title**
Composition 2

**Course Description**
Invention and exploration of sound, control of multivoiced textures and larger forms, and recent art music.

**Department**
Music

**When Taught**
Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 287 - Electronic Music Composition

**Additional Comments:**

**Title**
Composition 2

**Tags**
187955, 1

**Learning Outcome**
Intermediate study of composition with modern and experimental music vocabularies.

## MUSIC 289 - Aural Skills 3

## MUSIC 294 - Aural Skills 4

## MUSIC 293 - Aural Skills 3

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
293

**Teaching Area**
MUSIC

**Course Title**
Aural Skills 3

**Course Description**
Continued development of aural skills through melodic dictation, rhythm dictation, harmonic dictation, and error detection; listening materials include modal and chromatic melodies, more difficult rhythms, and chromatic chord progressions.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2

**Additional Comments:**

**Title**
Melodic dictation

**Tags**
212143, 0, 1

**Learning Outcome**
Students will be able to accurately transcribe chromatic melodies.

**Title**
Harmonic dictation

**Tags**
212144, 0, 2

**Learning Outcome**

## MUSIC 294 - Aural Skills 4

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
294

**Teaching Area**
MUSIC

**Course Title**
Aural Skills 4

**Course Description**
Continued development of aural skills through melodic dictation, rhythm dictation, harmonic dictation, and error detection; listening materials include chromatic, modulating, and post-tonal melodies, challenging rhythms, and modulating chord progressions.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 293 - Aural Skills 3

**Additional Comments:**

**Title**
Melodic dictation

**Tags**
212147, 0, 1

**Learning Outcome**
Students will be able to accurately transcribe chromatic, modulating, and post-tonal melodies.

**Title**
Harmonic dictation

**Tags**
212148, 0, 2

Learning Outcome
Students will be able to accurately transcribe the outer voices and identify the harmonies in chromatic chord progressions.

| Title | Tags |
| --- | --- |
| Rhythmic dictation | 212145, 0, 3 |

Learning Outcome
Students will be able to accurately transcribe rhythms involving small subdivisions and irregular divisions.

| Title | Tags |
| --- | --- |
| Error detection | 212146, 0, 4 |

Learning Outcome
Students will be able to correctly identify errors in chromatic melodies, advanced rhythm patterns, and chromatic chord progressions.

Learning Outcome
Students will be able to accurately transcribe the outer voices and identify the harmonies in modulating chord progressions.

| Title | Tags |
| --- | --- |
| Rhythmic dictation | 212149, 0, 3 |

Learning Outcome
Students will be able to accurately transcribe challenging rhythms in asymmetrical and changing meters.

| Title | Tags |
| --- | --- |
| Error detection | 212150, 0, 4 |

Learning Outcome
Students will be able to correctly identify errors in chromatic and modulating melodies, complex rhythm patterns, and modulating chord progressions.

## MUSIC 295 - Music Theory 3

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 295 |

**Teaching Area**
MUSIC
**Course Title**
Music Theory 3
**Course Description**
Extended chromatic techniques and introduction to twentieth-century concepts.
**Department**
Music
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## MUSIC 296 - Music Theory 4

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 296 |

**Teaching Area**
MUSIC
**Course Title**
Music Theory 4
**Course Description**
Set theory, serialism, and other 20th- and 21st-Century concepts.
**Department**
Music
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 196 - Music Theory 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Part writing | 187795, 0, 1 |

**Learning Outcome**
Students will be able to part-write using chromatic harmonies, including mode mixture, Neapolitans, and augmented sixths in passages involving chromatic modulations and sequences

| Title | Tags |
|---|---|
| Analysis | 212300, 0, 2 |

**Learning Outcome**
Students will be able to analyze passages of music involving chromatic harmonies, including mode mixture, Neapolitans, augmented sixths, chromatic modulations and sequences

| Title | Tags |
|---|---|
| Form | 212301, 0, 3 |

**Learning Outcome**
Students will be able to identify and describe the components of rondo and sonata form

| Title | Tags |
|---|---|
| Composition | 212302, 0, 4 |

**Learning Outcome**
Students will be able to compose short representative pieces in late-Romantic styles

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 295 - Music Theory 3

**Additional Comments:**

| Title | Tags |
|---|---|
| Analysis | 187695, 0, 1 |

**Learning Outcome**
Students will be able to use modern analytical techniques (such as pitch class sets and serialism) to analyze post-tonal music

| Title | Tags |
|---|---|
| Composition | 212303, 0, 2 |

**Learning Outcome**
Students will be able to compose short representative pieces in 20th- and 21st-century styles

## MUSIC 297 - Sight Singing 3

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
297

**Teaching Area**
MUSIC

**Course Title**
Sight Singing 3

**Course Description**
Continued development of aural skills through sight-singing, rhythm reading, and improvisation; emphasis on modal and chromatic melodies and advanced rhythms.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 198 - Sight Singing 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Sight singing | 212151, 0, 1 |

**Learning Outcome**
Students will demonstrate the ability to sight-read chromatic melodies.

| Title | Tags |
|---|---|
| Rhythm reading | 212152, 0, 2 |

## MUSIC 298 - Sight Singing 4

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
298

**Teaching Area**
MUSIC

**Course Title**
Sight Singing 4

**Course Description**
Continued development of aural skills through sight singing, rhythm reading, and improvisation; emphasis on chromatic and modulating melodies and challenging rhythms.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 297 - Sight Singing 3

**Additional Comments:**

| Title | Tags |
|---|---|
| Sight singing | 187860, 0, 0 |

**Learning Outcome**
Students will demonstrate the ability to sight-read modal, modulating, and post-tonal melodies.

| Title | Tags |
|---|---|
| Rhythm reading | 212154, 0, 1 |

Learning Outcome
Students will demonstrate the ability to accurately perform rhythms involving small subdvisions and cross-rhythms while conducting.

| Title | Tags |
| --- | --- |
| Improvisation | 212153, 0, 3 |

Learning Outcome
Students will demonstrate the ability to improvise rhythmic canons and idiomatic melodic patterns over given chord changes.

Learning Outcome
Students will demonstrate the ability to accurately perform complex rhythms in asymmetrical and changing meters.

| Title | Tags |
| --- | --- |
| Improvisation | 212155, 0, 2 |

Learning Outcome
Students will demonstrate the ability to improvise idiomatic melodic and rhythmic patterns in response to a given call.

## MUSIC 300 - Music Theatre in Contemporary Culture

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 300 |

**Teaching Area**
MUSIC
**Course Title**
Music Theatre in Contemporary Culture
**Course Description**
Analysis of the form, evolution, and influence of music dance theatre in Western culture.
**Department**
Music
**When Taught**
Fall.

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
–

## MUSIC 301 - History of Western Music: Overview

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 301 |

**Teaching Area**
MUSIC
**Course Title**
History of Western Music: Overview
**Course Description**
Overview of Western music history from the Middle Ages to the Present, introducing principal composers, styles, genres, and forms.
**Department**
Music
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
–

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- 

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Dance 300 and TMA 300.

| Title | Tags |
| --- | --- |
| MDT Analysis and Communication | 187805, 0 |

**Learning Outcome**
Students will be able to analyze, synthesize and articulate the significant facets of music, dance and theatre within the historical context of the musical theatre genre.

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 294 - Aural Skills 4
  **AND** MUSIC 296 - Music Theory 4
  **AND** MUSIC 298 - Sight Singing 4

**Additional Comments:**

**Recommended**
Music 201, Music 202

| Title | Tags |
| --- | --- |
| Overview of Western Art Music | 188087, 1 |

**Learning Outcome**
Students will gain an overview of Western art music from the Middle Ages to the Present

| Title | Learning Outcome |
| --- | --- |
| Historical and Cultural Movements | Students will learn about important historical and cultural movements linking one musical period to another |

| Title | Learning Outcome |
| --- | --- |
| Composers, Styles, Genres, and Forms | Students will be exposed to the major composers, styles, genres, and forms of Western art music |

## MUSIC 302 - History of Western Music: Baroque

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 302 |

**Teaching Area**
MUSIC
**Course Title**
History of Western Music: Baroque
**Course Description**
Survey of European art music of the Baroque period.
**Department**
Music
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

## MUSIC 303 - History of Western Music: Classic

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 303 |

**Teaching Area**
MUSIC
**Course Title**
History of Western Music: Classic
**Course Description**
Survey of European art music of the Classic period.
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 301 - History of Western Music: Overview

**Additional Comments:**

Recommended
Music 201, Music 202
Note
The course will be offered in either spring or summer term in addition to Fall semester.

| Title | Tags |
|---|---|
| Identify Stylistic Elements | 188088, 1 |

Learning Outcome
Identify simple elements of the major historical art music styles in the Baroque Period.

| Title | Learning Outcome |
|---|---|
| Demonstrate Familiarity | Demonstrate familiarity with selected representative musical works from these historical periods. |
| Use Appropriate Terminology | Use appropriately the terminology associated with the study of these repertories. |
| Think, Speak, and Write | Think, speak, and write clearly and effectively about the music from this time period. |

## MUSIC 304 - History of Western Music: Romantic

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 301 - History of Western Music: Overview

**Additional Comments:**

Recommended
Music 201, Music 202
Note
The course will be offered every Fall, but only every other Winter semester.

| Title | Tags |
|---|---|
| Identify Stylistic Elements | 188089, 1 |

Learning Outcome
Identify simple elements of the major historical art music styles in the Classic Period.

| Title | Learning Outcome |
|---|---|
| Demonstrate Familiarity | Demonstrate familiarity with selected representative musical works from these historical periods. |
| Use Appropriate Terminology | Use appropriately the terminology associated with the study of these repertories. |
| Think, Speak, and Write | Think, speak, and write clearly and effectively about the music from this time period. |

## MUSIC 305 - History of Western Music: 20th and 21st Centuries

## Romantic

### Course Information

**Course Number**
304
**Teaching Area**
MUSIC
**Course Title**
History of Western Music: Romantic
**Course Description**
Survey of European art music of the Romantic period.
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Untitled Requirement**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MUSIC 301 - History of Western Music: Overview

**Additional Comments:**

**Recommended**
Music 201, Music 202
**Note**
This course will be offered every Fall, but only every other Winter semester.

| | |
|---|---|
| **Title**<br>Identify Stylistic Elements | **Learning Outcome**<br>Identify simple elements of the major historical art music styles in the Romantic Period. |

| | |
|---|---|
| **Title**<br>Demonstrate Familiarity | **Learning Outcome**<br>Demonstrate familiarity with selected representative musical works from these historical periods. |

## 20th and 21st Centuries

### Course Information

**Course Number**
305
**Teaching Area**
MUSIC
**Course Title**
History of Western Music: 20th and 21st Centuries
**Course Description**
Survey of European and American art music of the twentieth and twenty-first centuries.
**Department**
Music
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Untitled Requirement**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MUSIC 301 - History of Western Music: Overview

**Additional Comments:**

**Recommended**
Music 201, Music 202
**Note**
The course will be offered in either spring or summer term in addition to Winter semester.

| | |
|---|---|
| **Title**<br>Identify Stylistic Elements | **Learning Outcome**<br>Identify simple elements of the major historical art music styles in the Twentieth and Twenty-First Centuries. |

| | |
|---|---|
| | **Learning Outcome**<br>Demonstrate familiarity with selected representative musical |

| | |
|---|---|
| **Title**<br>Use Appropriate Terminology | **Learning Outcome**<br>Use appropriately the terminology associated with the study of these repertories. |

| | |
|---|---|
| **Title**<br>Think, Speak, and Write | **Learning Outcome**<br>Think, speak, and write clearly and effectively about the music from this time period. |

## MUSIC 306 - Classical Music in Popular Culture

### Course Information

**Course Number**
306
**Teaching Area**
MUSIC
**Course Title**
Classical Music in Popular Culture
**Course Description**
Surveys the interactions between classical music and popular culture, using methodologies and approaches drawn from anthropology, sociology, media studies, cultural studies, ethnomusicology, and reception theory.
**Department**
Music
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Untitled Requirement**
**Type**

| | |
|---|---|
| **Title**<br>Demonstrate Familiarity | works from these historical periods. |

| | |
|---|---|
| **Title**<br>Use Appropriate Terminology | **Learning Outcome**<br>Use appropriately the terminology associated with the study of these repertories. |

| | |
|---|---|
| **Title**<br>Think, Speak, and Write | **Learning Outcome**<br>Think, speak, and write clearly and effectively about the music from this time period. |

## MUSIC 307 - World Music

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
307
**Teaching Area**
MUSIC
**Course Title**
World Music
**Course Description**
Exploration of music making from a global perspective.
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

Type
Prerequisite

**Complete ALL of the following Courses:**
- MUSIC 293 - Aural Skills 3
  **AND** MUSIC 295 - Music Theory 3
  **AND** MUSIC 297 - Sight Singing 3

**Additional Comments:**

| | |
|---|---|
| Title<br>Intersections | Learning Outcome<br>Identify and examine the intersections between the Western art-music tradition and the transformational uses of these repertoires in popular culture, mass media, and digital media. |
| Title<br>Lenses | Learning Outcome<br>Demonstrate an understanding of the multiple, overlapping analytical and critical “lenses” through which this repertoire can be viewed and assessed. |
| Title<br>Terminology | Learning Outcome<br>Use appropriately the terminology associated with this kind of study, including modes of discourse drawn from cultural studies, American studies, sociology, semiotics, reception theory, ethnomusicology, and other relevant disciplines. |
| Title<br>Engagement | Learning Outcome<br>Demonstrate through effective writing, oral presentation, and other creative media an ability to engage deeply with transformational musical expressions that cross traditional cultural divides between so-called “high” and “low” art. |

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Music, Values, and "Cross-Domain Mapping" | 188072, 5 |

**Learning Outcome**
Students will articulate how a culture's values can be embodied and discerned within musical practices.
Students will learn how music's organizational principles (see the previous learning outcome) can be mapped onto various non-musical aspects of that culture.
In other words, students will be able to observe and articulate how the way a music sounds relates to what that music means. Some areas of exploration related to this learning outcome could include:

musical practices in various cultures that project power and legitimacy within political contexts
musical practices in various cultures that reinforce social cohesion in a community context
musical practices in various cultures that convey reverence or worship in a religious context

In discussions, assignments, and essays, students will use this concept of "cross-domain mapping" to articulate the connection between sound and meaning in various musical contexts. They will also use this as a basis to for written self-reflection:

How does the music the students themselves use in personal, social, and religious contexts resonate with their personal, community, and religious beliefs and values?
How do LDS musical practices, for example, reflect, shape, and strengthen Mormon identity?

| Title | Tags |
|---|---|
| Ethnomusicology as a Path to Cultural Understanding | 188073, 6 |

Learning Outcome
Students will be able to articulate and demonstrate how the discipline of ethnomusicology and the scholarly methods it entails foster cross-cultural awareness, understanding, and empathy. Students will fulfill this objective by reading about the history and practices of ethnomusicology as an academic discipline, studying the methods and ethical considerations applied in ethnomusicological fieldwork, writing about their findings in assignments and exam essays, and completing a review of a scholarly monograph based on ethnomusicological fieldwork. Students will articulate in a written essay how the goals, methodologies, and ethical standards of the discipline of ethnomusicology align with the purposes and outcomes articulated in BYU's Global and Cultural Awareness Foundation Document.

| Title | Tags |
| --- | --- |
| Music and Global Change | 188074, 7 |

Learning Outcome
Students will demonstrate an understanding of the ways in which music reflects and contributes to large-scale international and intercultural changes.
Students will examine the ways in which major changes such as colonial and postcolonial political shifts, international economic developments, new media technologies, shifting social norms, religious proselytizing, etc., affect and are affected by musical practices. Students will demonstrate an understanding of musical culture as a continual interplay of tradition, hybridization, retrenchment, and change, and will be able to draw on various specific musical case studies to reflect on the complex cultural issues globalism raises. These case studies could include such things as:

How various historical encounters, from the Silk Road to the Crusades to the World Fairs

of the late 19th and 20th centuries, contributed to musical cross-pollination.
How a Colombian soap opera helped turn a little-known provincial folk music style into an international phenomenon.
How the advent of the recording industry in India dramatically changed the role of women in Indian classical music.
How a Tibetan folk musician living in the U.S. balances his sense of stewardship over his tradition with the desire to broaden his audience.
How members of the LDS Church throughout the world navigate the relationship between local traditional culture and shared LDS culture through the musical celebrations that precede temple dedications.
Etc.

**Title**
Understanding of Non-Western Musical Practices

**Tags**
188076, 4

**Learning Outcome**
Students will be able to demonstrate an understanding of the methods of musical creativity in several non-Western cultures, including various approaches to melodic, rhythmic, timbral, and formal organization.
They will also be able to identify various musical instruments as well as the methods through which various cultures conceptualize and taxonomize instruments, and be able to show an understanding of how various modes of musical transmission (oral tradition, notation, media) affect musical practices over time.

## MUSIC 308 - History of Jazz

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
308

**Teaching Area**
MUSIC

**Course Title**
History of Jazz

**Course Description**

## MUSIC 309 - Vocal Techniques for Choir Men

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
309

**Teaching Area**
MUSIC

**Course Title**
Vocal Techniques for Choir Men

Survey of jazz history, emphasizing periods, styles, and artists through the analysis of published transcriptions and arrangements.
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 293 - Aural Skills 3
  **AND** MUSIC 295 - Music Theory 3
  **AND** MUSIC 297 - Sight Singing 3

**Additional Comments:**

| Title | Tags |
|---|---|
| Aural | 187353, 1 |

**Learning Outcome**
Master an assigned repertory of classic jazz recordings.

| Title | Tags |
|---|---|
| Written | 187354, 2 |

**Learning Outcome**
Be able to describe the main differences between important styles and artists.

| Title | Tags |
|---|---|
| Application | 187873, 2 |

**Learning Outcome**
Learn to transcribe and analyze

**Vocal Techniques for Choir Men**
**Course Description**
Vocal training to prepare student for participation in an advanced choral ensemble. Topics will cover vocal technique, sight singing, and choral musicianship.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Learning Outcome | 188014, 0 |

**Learning Outcome**
Men will demonstrate in their singing the ability to sing with proper breathing, phonation, resonation, and articulation. Men will access head tone, showing it to be part of their overall vocal technique.

jazz solos

## MUSIC 310 - Community Engagement & Leadership in Music

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
310

**Teaching Area**
MUSIC

**Course Title**
Community Engagement & Leadership in Music

**Course Description**
Opportunities to grow as versatile artists, arts advocates, and global artist citizens through collaboration, community engagement, and student-led entrepreneurial projects.

**Department**
Music

**When Taught**
Fall Even Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 296 - Music Theory 4

**Additional Comments:**

**Other Prerequisites**
Piano performance major

## MUSIC 311R - University Chorale

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
311R

**Teaching Area**
MUSIC

**Course Title**
University Chorale

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Note**
No audition required.

**Title**
University Chorale

**Tags**
187972, 0

**Learning Outcome**
Students will demonstrate in performance their ability to read, learn, memorize, and polish the choral literature chosen as the choir's repertoire for the semester, together with all the specific technical and musical demands of the chosen music.

## MUSIC 312R - Men's Chorus.

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
312R

**Teaching Area**
MUSIC

**Course Title**
Men's Chorus.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
5

**Title**
Men's Chorus

**Tags**
187766, 0, 0

**Learning Outcome**
Students will learn to:

Rehearse selected choral repertoire in disciplined, efficient manner, in order to perform with excellence.
Develop a personal understanding of the details that contribute to choral excellence; healthy vocal technique, precision, blend, intonation, artistry.
Participate in choral performances that display the ensemble's mastery of the above.

## MUSIC 313R - Women's Chorus.

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
313R

**Teaching Area**
MUSIC

**Course Title**
Women's Chorus.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
5

**Other Prerequisites**
Audition and director's consent

**Title**
Women's Chorus

**Tags**
187620, 0

**Learning Outcome**
1. Rehearse selected choral repertoire in disciplined, efficient manner, in order to perform with excellence.2. Develop a personal understanding of the details that contribute to choral excellence; healthy vocal technique, precision, blend, intonation, artistry.3. Participate in choral performances that display the ensemble's mastery of the above.

## MUSIC 314R - Concert Choir

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
314R

**Teaching Area**
MUSIC

**Course Title**
Concert Choir

**Department**
Music

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
1

**Fixed**
1

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
5

**Other Prerequisites**
Audition and director's consent

| Title | Tags |
|---|---|
| Concert Choir | 187729, 0 |

**Learning Outcome**
Students will learn to:1. Rehearse selected choral repertoire in disciplined, efficient manner, in order to perform with excellence.2. Develop a personal understanding of the details that contribute to choral excellence; healthy vocal technique, precision, blend, intonation, artistry.3. Participate in choral performances that display the ensemble's mastery of the above.

## MUSIC 315R - University Singers

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
315R

**Teaching Area**
MUSIC

**Course Title**
University Singers

**Department**
Music

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
1

**Fixed**
1

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
5

**Other Prerequisites**
Audition and director's consent

| Title | Tags |
|---|---|
| University Singers | 187800, 0 |

**Learning Outcome**
Students will demonstrate in performance their ability to read, learn, memorize, and polish the choral literature chosen as the choir's repertoire for the semester, together with all the specific technical and musical demands of the chosen music.

## MUSIC 316R - Opera Workshop

### Course Information

**Teaching Area (new)**

**Course Number**

## MUSIC 317R - Opera Ensemble

### Course Information

**Teaching Area (new)**

**Course Number**

MUSIC 316R

**Teaching Area**
MUSIC

**Course Title**
Opera Workshop

**Course Description**
In a masterclass/workshop setting, students will learn and practice acting and interpretation skills for musical performances, including opera, concerts, recitals, auditions, and other opportunities. Students will perform both individually and as part of an ensemble.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor approval required.

**Note**
Preference will be given to music majors.

| Title | Tags |
|---|---|
| Operatic Performance Technique | 187699, 1 |

**Learning Outcome**
Students will learn the performance techniques required to sing art songs and operatic arias from the western classical vocal traditions.

| Title | Tags |
|---|---|
| Class Performance | 187747, 2 |

**Learning Outcome**
Students will apply these skills in the performance of songs or arias in the class.

MUSIC 317R

**Teaching Area**
MUSIC

**Course Title**
Opera Ensemble

**Course Description**
Students will prepare for, rehearse, and perform in a theatrical operatic production. They will do so in a variety of styles and languages as a soloist and/or as a member of an opera chorus.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor approval required.

**Note**
Auditions for opera scenes and the winter opera are held at the beginning of Fall Semester. Productions consist of the following: an opera scenes program (Fall Semester, 2nd term), a fully produced opera (Winter Semester, 1st term), and a chamber opera (Spring Semester).

| Title | Tags |
|---|---|
| Opera Ensemble | 188075, 0 |

**Learning Outcome**
Through performance opportunities before an audience, students will demonstrate a more comprehensive understanding of the basic skills taught in the Opera Workshop course (See Learning Outcomes for the respective courses; Mus 316R and 616R).

## MUSIC 319R - Baroque Ensemble

## MUSIC 320R - BYU Studio Orchestra

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
319R

**Teaching Area**
MUSIC

**Course Title**
Baroque Ensemble

**Course Description**
Small ensemble that specializes in the performance of early music. Learning to play an authentic baroque instrument, mastering the period style of playing, and performing alongside students and faculty members. Includes rehearsals, performances, and listening assignments. In-depth study of early music to strengthen students as performers, musicians, and soloists on baroque and modern instruments.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Audition

## Course Information

**Course Number**
320R

**Teaching Area**
MUSIC

**Course Title**
BYU Studio Orchestra

**Course Description**
Ensemble that performs and records music in a variety of styles and genres in a professional studio environment.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
4

| Title | Learning Outcome |
| --- | --- |
| Studio Experience | Students will gain valuable professional skills and experience by being a part of an ensemble that is patterned after a real recording and performing studio orchestra. |
| Sight Reading | Students will learn how to play to a click track, and will improve their sight-reading ability significantly since the ensemble involves very little outside practice, focusing on the ability to read and record a piece of music in one or two sittings. |
| | Students will be exposed to multiple genres and styles and gain proficiency in learning to effectively use appropriate techniques associated with |

| | |
|---|---|
| Genres and Styles | different musical genres. |

| | |
|---|---|
| Title<br>Professionalism | Learning Outcome<br>Students will learn studio professionalism and appropriate communication, attitudes and interaction skills by interfacing with all members of the studio orchestra and music production teams. |

## MUSIC 321R - University String Orchestra.

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
321R

**Teaching Area**
MUSIC

**Course Title**
University String Orchestra.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
No audition required. Does not satisfy large ensemble requirement for majors.

| Title | Tags |
|---|---|
| 321R University String Orchestra | 187782, 0 |

**Learning Outcome**
The University String Orchestra seeks to further the musical development of its musicians, to increase appreciation and understanding of standard works in string orchestra repertoire,and to experience the joy of making music alongside fellow non-music majors.

## MUSIC 321R - University Orchestra

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
321R

**Teaching Area**
MUSIC

**Course Title**
University Orchestra

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
No audition required. Does not satisfy large ensemble requirement for majors.

| Title | Tags |
|---|---|
| 321R University String Orchestra | 188184, 1 |

**Learning Outcome**
The University Orchestra seeks to further the musical development of its musicians, to increase appreciation and understanding of standard works in orchestra repertoire,and to experience the joy of making music alongside fellow non-music majors.

## MUSIC 322R - University Band

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
322R

**Teaching Area**
MUSIC

## MUSIC 323R - Marching Band

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
323R

**Teaching Area**
MUSIC

**Course Title**
University Band
**Department**
Music
**When Taught**
Winter

## Credit Hours

**Min**
1

**Fixed**
1

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
0

**Note**
No audition required. Does not satisfy large ensemble requirement for majors.

| Title | Tags |
| --- | --- |
| 322R University Band | 188083, 0 |

**Learning Outcome**
Students should be able to apply the musical principles of individual, section, and ensemble musical tone production, correct notes, rhythms and dynamics, balance and blend. Students should be able to demonstrate application of these principles by successfully performing college-level band repertoire in a formal concert at semester's end.

| Title | Tags |
| --- | --- |
| Performance Proficiency | 188391, 1 |

**Learning Outcome**
Students will expand individual confidence and performance proficiency through the medium of a large ensemble.

| Title | Tags |
| --- | --- |
| Critical Listening Skills | 188392, 2 |

**Learning Outcome**
Students will develop and

**Course Title**
Marching Band
**Department**
Music
**When Taught**
Fall

## Credit Hours

**Min**
1

**Fixed**
1

## Lecture Hours

**Fixed**
0

## Lab Hours

**Fixed**
6

**Other Prerequisites**
Audition or director's consent

| Title | Tags |
| --- | --- |
| 323R Marching Band | 187890, 0 |

**Learning Outcome**
As learning outcomes, students should be able to apply the musical principles of individual, section, and ensemble musical tone production, correct notes, rhythms and dynamics, balance and blend, and correct marching execution. Students should be able to demonstrate application of these principles by successfully performing college-level marching band repertoire in rehearsal and performances.

demonstrate critical listening skills through the performance of wind band literature.

| Title | Tags |
| --- | --- |
| Aesthetic Sensitivity | 188393, 3 |

**Learning Outcome**
Students will expand their asethetic horizons by developing an appreciation and understanding of various peoples and their cultures as expressed through music.

## MUSIC 324R - Cougar Band

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 324R |

**Teaching Area**
MUSIC
**Course Title**
Cougar Band
**Department**
Music
**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Other Prerequisites**
Audition or director's consent

| Title | Tags |
| --- | --- |
| 324R Cougar Band | 187719, 0 |

**Learning Outcome**
As learning outcomes, students should be able to apply the musical principles of individual,

## MUSIC 325R - Symphonic Band

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 325R |

**Teaching Area**
MUSIC
**Course Title**
Symphonic Band
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
4

**Other Prerequisites**
Audition

| Title | Tags |
| --- | --- |
| Performance Proficiency | 187923, 0 |

**Learning Outcome**
Students will expand individual confidence and performance proficiency through the medium

section, and ensemble musical tone production, correct notes, rhythms and dynamics, balance and blend. Students should be able to demonstrate application of these principles by successfully performing college-level pep band repertoire in rehearsals and performances.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 188405, 1 |

**Learning Outcome**
Members of the ROC Bands will be able to perform selected music at basketball games in a highly efficient and musical manner and exemplify BYU and its standards in dress, decorum, and sportsmanship.

| Title | Tags |
| --- | --- |
| Performance Proficiency | 188406, 2 |

**Learning Outcome**

Students will expand individual confidence and performance proficiency through the medium of a large ensemble.

| Title | Tags |
| --- | --- |
| Critical Listening Skills | 188407, 3 |

**Learning Outcome**

Students will develop and demonstrate critical listening skills through the performance of marching band literature.

| Title | Tags |
| --- | --- |
| Aesthetic Sensitivity | 188408, 4 |

**Learning Outcome**

Students will expand their asethetic horizons by developing an appreciation and understanding of various peoples and their cultures as expressed through music.

of a large ensemble.

| Title | Tags |
| --- | --- |
| Aesthetic sensitivity | 188065, 2 |

**Learning Outcome**
Students will expand their aesthetic horizons by developing an appreciation and understanding of various peoples and their cultures as expressed through music.

| Title | Tags |
| --- | --- |
| Critical Listening Skills | 188288, 1 |

**Learning Outcome**
Students will develop and demonstrate critical listening skills through the performance of wind band literature.

## MUSIC 326R - Wind Symphony

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
326R

**Teaching Area**
MUSIC

**Course Title**
Wind Symphony

**Department**
Music

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
4

**Other Prerequisites**
Audition

| Title | Tags |
|---|---|
| Critical Listening Skills | 187952, 2 |

**Learning Outcome**
Students will develop and demonstrate critical listening skills through the performance of band literature.

| Title | Tags |
|---|---|
| Performance Proficiency | 188064, 1 |

**Learning Outcome**
Students will expand individual confidence and performance proficiency through the medium of a large ensemble.

## MUSIC 327R - Percussion Chamber Music

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
327R

**Teaching Area**
MUSIC

**Course Title**
Percussion Chamber Music

**Course Description**
A premier percussion chamber ensemble that seeks to connect with the percussion community. Members of the quartet learn and perform advanced percussion quartet literature, perform on campus, and seek opportunities to broaden their reach locally, regionally, and online. Members are determined by audition.

**Department**
Music

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Director's consent

## MUSIC 328 - Script, Movement and Score Analysis

## MUSIC 329R - Folk Ensemble

### Course Information

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
328

**Teaching Area**
MUSIC

**Course Title**
Script, Movement and Score Analysis

**Course Description**
The integration into performance of information gathered from careful research and analysis of movement style, script and score.

**Department**
Music

**When Taught**
Fall.

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- 

**Additional Comments:**

**Other Prerequisites**
Music dance theatre BFA major status; concurrent enrollment in Dance 328 and TMA 328.

**Recommended**
Concurrent enrollment in Music 300, Dance 300, and TMA 300

**Title**
Performance Improvement

**Tags**
187661, 2

**Learning Outcome**
Students will learn to implement into their musical theatre performance essential acting, vocal, and movement skills as outlined in the evaluation forms

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
329R

**Teaching Area**
MUSIC

**Course Title**
Folk Ensemble

**Course Description**
Traditional bluegrass ensemble.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
4

**Other Prerequisites**
Director's consent

**Note**
Performs with BYU International Folk Dancers.

**Title**
Folk Music Learning Outcomes

**Tags**
187706, 0

**Learning Outcome**
Folk Music students will learn to be team players as ensembles members. All Folk Music students are required to perform at least one time per semester. As students become better team players in their respective ensembles they will also learn management, leadership, and music performance, and music arranging skills. These skills will help them to proliferate music in their future lives and families.

| Title | Tags |
| --- | --- |
| Professional Conduct | 187811, 5 |

**Learning Outcome**
Students will approach their work in a competent, courteous and professional manner.

| Title | Tags |
| --- | --- |
| Integration | 187692, 0, 3 |

**Learning Outcome**
Students will integrate their analysis of the script, score, and movement into their performance.

## MUSIC 330R - Steel Band

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
330R

**Teaching Area**
MUSIC

**Course Title**
Steel Band

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Director's consent

**Title**
MUS 330R - Steel Band

**Tags**
188067, 0

**Learning Outcome**
Students should be exposed to music outside the Western European tradition. Most of the music performed in this ensemble includes Calypso and Soca styles from the island nation of Trinidad and Tobago. We will sometimes include a pop or classical number, but most of the time we will focus on "groove" music. This means that having a conductor will be rare and the student is expected to listen and learn how to contribute to that "groove".

## MUSIC 331R - Jazz Combos

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
331R

**Teaching Area**
MUSIC

**Course Title**
Jazz Combos

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Audition.

**Title**
Jazz Combos

**Tags**
187915, 0

**Learning Outcome**
Students will learn how to function in a traditional jazz combo setting, including learning head charts, standard lead sheet tunes, and arrangements. They will also further their knowledge of and experience in improvising in a typical professional performance setting in a variety of jazz styles.

## MUSIC 332R - Show Band

## MUSIC 333R - Jazz Lab Band

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
332R

**Teaching Area**
MUSIC

**Course Title**
Show Band

**Course Description**
Contemporary and traditional show music (Young Ambassadors) and ethnic music (Living Legends). \t

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Other Prerequisites**
Audition.

| Title | Tags |
| --- | --- |
| Young Ambassador Show Band | 187918, 0 |

**Learning Outcome**
The goal of the Young Ambassadors Show Band is that each member will:· Develop, improve, and hone their technique and skill on their respective instruments· Expand their talents and abilities as a performing artist· Broaden their knowledge of, and facility in performing differing styles of popular and jazz music idioms· Increase their ability to communicate, through performing, their love for and joy of music· Deepen their awareness of how their efforts, talents and abilities can touch and inspire the lives of those whom they meet, or for whom they perform, and realize more profoundly how such efforts, talents and abilities can assist the Lord in His work

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
333R

**Teaching Area**
MUSIC

**Course Title**
Jazz Lab Band

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Jazz Lab Band | 187849, 3 |

**Learning Outcome**
Students will learn to perform in the traditional jazz big band idiom. Music will be selected from the standard and contemporary jazz repertiore.

Lord in His work.

| Title | Tags |
| --- | --- |
| Knowledge | 188209, 1 |

Learning Outcome
Students will deepen their understanding of how music and show band are related.

## MUSIC 333R - Vocal Jazz Ensemble

### Course Information

Teaching Area (new)
MUSIC
Course Number
333R
Teaching Area
MUSIC
Course Title
Vocal Jazz Ensemble
Department
Music
When Taught
Contact Department

#### Credit Hours

Min
1
Fixed
1

#### Lecture Hours

Fixed
1

#### Lab Hours

Fixed
2

| Title | Tags |
| --- | --- |
| Jazz Voices | 187789, 2 |

Learning Outcome
Students will learn proper vocal techniques in the vocal jazz idiom and will learn how to perform music from the traditional vocal jazz repertiore.

| Title | Tags |
| --- | --- |
| Objectives | 188061, 4 |

## MUSIC 333R - Jazz Ensemble

### Course Information

Teaching Area (new)
MUSIC
Course Number
333R
Teaching Area
MUSIC
Course Title
Jazz Ensemble
Course Description
Includes Jazz Ensemble (big band), Jazz Lab Band (entry-level big band), and Vocal Jazz Ensembles.
Department
Music
When Taught
Fall, Winter, Spring

#### Credit Hours

Min
1
Fixed
1

#### Lecture Hours

Fixed
1

#### Lab Hours

Fixed
2

Other Prerequisites
Audition.

| Title | Tags |
| --- | --- |
| Jazz Ensemble | 187643, 1 |

Learning Outcome
Students will learn how to perform in a traditional big band setting. Standard and representative repertoire from the various jazz styles will be taught and explored in this

**Learning Outcome**

To provide students a high quality vocal jazz experience and instruction.
To provide an environment of spiritual, academic, musical and emotional growth.
To provide opportunities to learn about jazz/music; its development, construction and expression.
To create awareness about vocal jazz history, performance, standards, styles and improvisation.
To engage artistically at the highest levels of complexity and competence.
To develop improvisation skills and performance techniques, both as a group and as soloists.

To rehearse and perfect high quality literature that will represent a wide range of jazz/contemporary/musical periods and styles.

course.

## MUSIC 334R - Synthesis

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
334R
**Teaching Area**
MUSIC
**Course Title**
Synthesis
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

## MUSIC 335R - Jazz Legacy Band

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
335R
**Teaching Area**
MUSIC
**Course Title**
Jazz Legacy Band
**Course Description**
Traditional ensemble specializing in early jazz. Band occasionally tours off campus.
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

Fixed
4

Other Prerequisites
Audition.

| Title | Tags |
| --- | --- |
| Synthesis | 187840, 0 |

Learning Outcome
Students will learn to perform in a traditional big band setting. Music will be selected from the standard and representative repertoire of jazz styles.

2

### Lab Hours

Fixed
0

Other Prerequisites
Audition.

| Title | Tags |
| --- | --- |
| Performance Routines | 187667, 2 |

Learning Outcome
Students will play typical introductions, endings, solo backgrounds, texture routines characteristic of traditional jazz styles

| Title | Tags |
| --- | --- |
| Improvisation | 187845, 1 |

Learning Outcome
Each student will improvise solos in the style of the early jazz masters who play his or her instrument.

| Title | Tags |
| --- | --- |
| Style | 188000, 0 |

Learning Outcome
Students will perform traditional jazz, improvising within the traditional jazz tutti texture. Each student will demonstrate the roll of his or her instrument within the context of traditional jazz.

| Title | Tags |
| --- | --- |
| 25 Standard "Dixieland" tunes | 188068, 3 |

Learning Outcome
Students will demonstrate the ability to play 25 "Dixieland Standards." These are among the most commonly performed tunes that are played by professional "Dixieland" bands at casual performance engagements (gigs).
Standard tunes:

Avalon
Basin Street Blues
Big Butter and Egg Man
Black and Blue
Bourbon Street Parade
Do You Know What it Means

High Society
I Can't Give You Anything But Love
I Found A New Baby
Indiana (Back Home Again in)
Ja Da
Just A Closer Walk With Thee
Muskrat Ramble
Royal Garden Blues
St. James Infirmary
St. Louis Blues
Struttin' With Some Barbecue
Sweet Georgia Brown
That's A Plenty
Tin Roof Blues
Twelfth Street Rag
Up a Lazy River
When the Saints Go Marching In
When You're Smiling
Won't You Come Home Bill Bailey

## MUSIC 336R - Balinese Gamelan

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
336R

**Teaching Area**
MUSIC

**Course Title**
Balinese Gamelan

**Course Description**
Playing and performing on the Balinese gamelan (percussion) instruments.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

## MUSIC 337R - Symphony Orchestra

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
337R

**Teaching Area**
MUSIC

**Course Title**
Symphony Orchestra

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
4

**Other Prerequisites**
Audition.

| Title | Tags |
|---|---|

| Title | Tags |
| --- | --- |
| Mental and Technical Skill | 188015, 1 |

**Learning Outcome**
Students participating in Gamelan will learn the mental and technical skills required to memorize and perform works from the traditional Balinese gamelan repertoire, including becoming proficient on one or more of the instruments in the ensemble.

| Title | Tags |
| --- | --- |
| Social and Religious Culture | 188016, 2 |

**Learning Outcome**
Students will also use music as a window into the relationship between Balinese musical practice and Balinese social and religious culture, and, more broadly, develop a deep appreciation for this music's profound contribution to the life experience.

| Title | Tags |
| --- | --- |
| Interconnected Global Society | 188017, 3 |

**Learning Outcome**
In the spirit of BYU's global mission and the breadth of educational experience advocated in BYU's guiding documents, successful students in gamelan will develop a greater understanding of and respect for music and traditions outside of their native experience. This respect will better prepare them to represent BYU and the Church in an increasingly interconnected global society.

| Performance | 188069, 0 |
| --- | --- |

**Learning Outcome**
Students will enhance their performance proficiency through large ensemble playing.

## MUSIC 338R - Philharmonic Orchestra

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
338R

**Teaching Area**
MUSIC

**Course Title**
Philharmonic Orchestra

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
4

**Other Prerequisites**
Audition.

**Title**
338R Philharmonic Orchestra

**Tags**
187893, 0

**Learning Outcome**
The BYU Philharmonic seeks to discover the truth imbedded in the greatest works for symphony orchestra through study, preparation, and performance, both for its own musicians and for audiences who hear them.

## MUSIC 339R - Chamber Orchestra

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
339R

**Teaching Area**
MUSIC

**Course Title**
Chamber Orchestra

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Audition.

**Title**
339R Chamber Orchestra

**Tags**
187992, 0

**Learning Outcome**
The Chamber Orchestra seeks to discover the truth imbedded in the greatest works for chamber orchestra through study, preparation, and performance, both for its own musicians and for audiences who hear them. The orchestra bears the responsibility of representing the School of Music, the University, and the Church through regional, national, and international tours.

## MUSIC 340R - Harp Ensemble

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
340R

**Teaching Area**
MUSIC

**Course Title**
Harp Ensemble

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Director's consent

| Title | Tags |
| --- | --- |
| Harp Ensemble | 187625, 0 |

**Learning Outcome**
The expected outcomes of this course are improved ensemble playing and arranging skills, and an expanded ensemble repertoire for each student

## MUSIC 341R - Brass Choir

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
341R

**Teaching Area**
MUSIC

**Course Title**
Brass Choir

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Director's consent

| Title | Tags |
| --- | --- |
| Ensemble Performance | 188186, 1 |

**Learning Outcome**
Students will demonstrate the ability to perform standard brass choir music at an appropriate artistic level for their year of study.

## MUSIC 341R - Trombone Choir

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
341R

**Teaching Area**
MUSIC

**Course Title**
Trombone Choir

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Director's consent.

**Title**
Ensemble Performance

**Tags**
188187, 1

**Learning Outcome**
Students will demonstrate the ability to perform standard trombone choir music at an appropriate artistic level for their year of study.

## MUSIC 341R - Brass Ensemble

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
341R

**Teaching Area**
MUSIC

**Course Title**
Brass Ensemble

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Director's consent.

**Title**
Ensemble Performance

**Tags**
188185, 1

**Learning Outcome**
Students will demonstrate the ability to perform standard brass ensemble music at an appropriate artistic level for their year of study.

## MUSIC 341R - Brass Chamber Music

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
341R
**Teaching Area**
MUSIC
**Course Title**
Brass Chamber Music
**Department**
Music
**When Taught**
Fall; Winter; Spring.

**Credit Hours**
**Min**
1
**Fixed**
1

**Lecture Hours**
**Fixed**
1

**Lab Hours**
**Fixed**
2

**Other Prerequisites**
director's consent.

| Title | Tags |
|---|---|
| Ensemble Performance | 187788, 1 |

**Learning Outcome**
Students will demonstrate the ability to perform standard chamber ensemble music at an appropriate artistic level for their year of study.

## MUSIC 343R - Guitar Ensemble

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
343R
**Teaching Area**
MUSIC
**Course Title**
Guitar Ensemble
**Department**
Music
**When Taught**
Fall and Winter

**Credit Hours**
**Min**
1
**Fixed**
1

**Lecture Hours**
**Fixed**
1

**Lab Hours**
**Fixed**
2

**Other Prerequisites**
Director's consent

| Title | Tags |
|---|---|
| Guitar Ensemble | 187906, 0 |

**Learning Outcome**
Students will gain ensemble experience with other guitarists, develop better sight-reading skills, and perform in a formal setting during the semester.

## MUSIC 344R - Keyboard in Ensemble

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
344R
**Teaching Area**
MUSIC
**Course Title**
Keyboard in Ensemble
**Course Description**
Accompanying and ensemble performance.
**Department**

## MUSIC 344R - Musical Theater Accompaniment

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
344R
**Teaching Area**
MUSIC
**Course Title**
Musical Theater Accompaniment
**Course Description**
Accompanying in the style of Musical Theater

.
Music
When Taught
Fall

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

Other Prerequisites
Music 260R or instructor's consent

| Title | Tags |
| --- | --- |
| Ensemble Playing | 188019, 0 |

Learning Outcome
Skills to Develop in 344r:
1. Understand how to best balance their playing with another instrument and comprehend how that balance evolves to meet the needs of different instruments.
2. Understand how to communicate musical ideas through body language.
3. Develop musical "ESP". This is achieved when a pianist works with the same person over a long period of time, and develops better sensitivity. The pianist and soloist can sense changes in tempi, phrasing, and dynamics through concentrated listening, needing almost no visual contact.
4. Understand the subtext of the score.
5. Develop a genuine appreciation for the art of the accompanist.

Accompanying in the Style of Musical Theater
Department
Music
When Taught
Winter Odd Years

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Other Prerequisites
Music 360R, Music 460R, or instructor's consent.

## MUSIC 345R - Percussion Ensemble

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
345R

**Teaching Area**
MUSIC

**Course Title**
Percussion Ensemble

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Director's consent

| Title | Tags |
| --- | --- |
| MUS 345R - Percussion Ensemble | 187979, 0 |

**Learning Outcome**
To expose students to the music written for percussion ensemble, to help students develop technique(s) on a myriad of instruments while contributing musically, and to present musical situations with and without a conductor. The percussion parts in a percussion ensemble differ drastically from those found in traditional orchestral and band percussion scores in that most performers must be not only rhythmically proficient, but melodically, harmonically and texturally expressive.

## MUSIC 346R - String Chamber Music

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
346R

**Teaching Area**
MUSIC

**Course Title**
String Chamber Music

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| String Chamber Music | 188320, 0 |

**Learning Outcome**
There are four main areas of student outcomes important for this course: the building of repertoire, experience performing, exploring the enormous variety of timbre and color in the chamber music setting, and artistically improving how to communicate musically with performing colleagues, as well as the audience.

## MUSIC 347R - A Cappella Ensemble

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
347R

**Teaching Area**
MUSIC

**Course Title**
A Cappella Ensemble

**Course Description**
For Noteworthy and Vocal Point.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Director's consent.

**Title**
Vocal Point

**Tags**
188267, 1

**Learning Outcome**
The desired outcome of vocal point is to represent the School of Music and BYU to the World with a high degree of artistry and capturing the personality of our campus, through the medium of male a cappella choral music.

**Title**
Ensemble Performance

**Tags**
188268, 2

**Learning Outcome**
The desired outcome of A Cappella Ensemble is to represent the School of Music and BYU to the World with a high degree of artistry and capturing the personality of our campus, through a cappella ensemble music.

## MUSIC 348R - Woodwind Ensemble

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
348R

**Teaching Area**
MUSIC

**Course Title**
Woodwind Ensemble

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Director's consent.

**Title**
Ensemble Performance

**Tags**
188265, 1

**Learning Outcome**
--students will rehearse and perform woodwind ensemble music --depending on the music chosen, students will learn varying styles from the woodwind chamber repertory --Students will demonstrate critical listening skills within the context of a chamber music ensemble.

| Title | Tags |
| --- | --- |
| Vocal Point | 187869, 0 |

**Learning Outcome**
The desired outcome of vocal point is to represent the School of Music and BYU to the World with a high degree of artistry and capturing the personality of our campus, through the medium of male a cappella choral music.

| Title | Tags |
| --- | --- |
| Ensemble Performance | 188188, 1 |

**Learning Outcome**
The desired outcome of A Cappella Ensemble is to represent the School of Music and BYU to the World with a high degree of artistry and capturing the personality of our campus, through a cappella ensemble music.

## MUSIC 348R - Saxophone Ensemble

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
348R

**Teaching Area**
MUSIC

**Course Title**
Saxophone Ensemble

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Director's consent.

| Title | Tags |
| --- | --- |
| Ensemble Performance | 188266, 1 |

**Learning Outcome**
--Students will rehearse and perform saxophone ensemble music
--Depending on the music chosen, students will learn varying styles from the woodwind chamber repertory
--Students will demonstrate critical listening skills within the context of a chamber music ensemble.

## MUSIC 348R - Flute Choir

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
348R

**Teaching Area**
MUSIC

**Course Title**
Flute Choir

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Director's consent.

| Title | Tags |
| --- | --- |
| Performance | 188022, 0 |

**Learning Outcome**
Students will demonstrate performance proficiency on their instrument within the context of woodwind chamber music.

## MUSIC 348R - Woodwind Chamber Music

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
348R

**Teaching Area**
MUSIC

**Course Title**
Woodwind Chamber Music

**Department**
Music

**When Taught**
Fall; Winter; Spring.

**Credit Hours**

**Min**
1

**Fixed**
1

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
2

**Other Prerequisites**
Director's consent

| Title | Tags |
|---|---|
| Performance | 209940, 0, 1 |

**Learning Outcome**
--students will rehearse and perform woodwind chamber music
--depending on the music chosen, students will learn varying styles from the woodwind chamber repertory
--Students will demonstrate critical listening skills within the context of a chamber music ensemble.

## MUSIC 349 - Junior Recital

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
349

**Teaching Area**
MUSIC

**Course Title**
Junior Recital

**Department**
Music

**When Taught**
Fall, Winter, Spring

**Credit Hours**

**Min**
0

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Music 360R or 460R and instructor's consent. Prerecital hearing required at least three weeks before juried recitals.

**Note**
NOTE: Fee. NOTE: Students must register for recital before it can be scheduled. Contact studio instructor for details.

| Title | Tags |
|---|---|
| Full Recital | 187671, 0 |

**Learning Outcome**
Students will perform a full recital of repertory, artistically appropriate to the year of study.

## MUSIC 351 - Audio Applications 1.

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
351

**Teaching Area**

## MUSIC 352 - Audio Applications 2.

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
352

**Teaching Area**

MUSIC
**Course Title**
Audio Applications 1.
**Course Description**
Advanced concepts in digital sound editing.
**Department**
Music
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 257 - Recording Studio 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Practical Hands-On Experience | 187768, 1 |

**Learning Outcome**
This course focuses on experimentation in an audio workstation. Each student will have a workstation available to them in the classroom. This hands-on experience allows the students to follow demonstrations and accomplish tasks on their own workstation. They will be given several projects to accomplish on their own as well.

| Title | Tags |
|---|---|
| Audio Production | 187841, 2 |

**Learning Outcome**

MUSIC
**Course Title**
Audio Applications 2.
**Course Description**
Advanced concepts in digital sound editing.
**Department**
Music
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 257 - Recording Studio 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Editing | 187632, 2 |

**Learning Outcome**
Students will achieve advanced proficiency in digital audio editing and recording techniques.

| Title | Tags |
|---|---|
| Practical Hands on Experience | 187752, 1 |

**Learning Outcome**
This course focuses on advanced use of an audio workstation. Each student will have a workstation available to them in the classroom. This hands-on experience allows the students to follow demonstrations and

Learning Outcome
Students will achieve an intermediate-level of proficiency in digital audio editing and recording techniques.

| Title | Tags |
| --- | --- |
| Audio Technology | 187921, 0 |

Learning Outcome
Students will become familiar with basic audio workstations; particularly the use of ProTools. Basic editing and recording principles using a workstation are taught, including, importing of files, editing, signal processing, and recording.

accomplish tasks on their own workstation. They will be given several projects to accomplish on their own as well.

| Title | Tags |
| --- | --- |
| Audio Technology | 187828, 0 |

Learning Outcome
Students will use basic audio workstations; and particularly ProTools to perform advanced editing. Audio workstation are used to import files, edit, and produce recordings.

## MUSIC 355R - Recording Workshop

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
355

**Teaching Area**
MUSIC

**Course Title**
Recording Workshop

**Course Description**
Studio projects in multitrack recording for records, broadcast, film, and television.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
5

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 351 - Audio Applications 1.

**Additional Comments:**

**Learning Outcome**
Music 355 is the final recording projects class before graduation. The assignment is to produce a commercially viable stereo recording utilizing skills acquired from all previous class work, both artistic and technical.

**Tags**
214130, 0, 1, 2023-08-29 11:18:06

## MUSIC 359R - Performance Study

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
359R

**Teaching Area**
MUSIC

**Course Title**
Performance Study

**Course Description**
Private instruction and studio class requiring from one to four hours of daily practice.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; completion of degree requirements in 260R, 360R, and 460R; instructor's consent.

**Fee**
Semester: 514; Term: 257

**Note**
Fee.

**Title**
Performance Study

**Tags**
187694, 0

**Learning Outcome**
By preparing for and attending weekly lessons, students will develop their technique, improve their tonal concepts and strengthen their interpretive skills.

## MUSIC 360R - Performance Instruction: Harp

## MUSIC 360R - Performance Instruction: Flute

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Harp

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Performance and Repertoire | 188141, 1 |

**Learning Outcome**
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

| Title | Tags |
| --- | --- |
| Solo Performance | 188199, 2 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Flute

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188143, 1 |

**Learning Outcome**
Students will develop communication skills as they encourage one another in a spirit of love and support.

## MUSIC 360R - Performance Instruction: Euphonium

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Euphonium

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
MDT Major status; Jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

**Title**
Technique and Musicality

**Tags**
188152, 1

**Learning Outcome**
Students will develop communication skills as they encourage one another in a spirit of love and support.

## MUSIC 360R - Performance Instruction: Clarinet

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Clarinet

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

**Title**
Technique and Musicality

**Tags**
188147, 1

**Learning Outcome**
Students will develop communication skills as they encourage one another in a spirit of love and support.

## MUSIC 360R - Performance Instruction: Music Technology Studio

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Music Technology Studio

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

## MUSIC 360R - Performance Instruction: Oboe

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Oboe

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

**Title**
Technique and Musicality

**Tags**
188145, 1

**Learning Outcome**
Students will develop communication skills as they encourage one another in a spirit of love and support.

## MUSIC 360R - Performance Instruction: Viola

### Course Information

**Teaching Area (new)**

**Course Number**

## MUSIC 360R - Performance Instruction: Harpsichord

### Course Information

**Teaching Area (new)**

**Course Number**

MUSIC 360R

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Viola
**Course Description**
Private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval
**Fee**
Semester: 514; Term: 257
**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Performance and Repertoire | 188140, 1 |

**Learning Outcome**
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

MUSIC 360R

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Harpsichord
**Course Description**
Private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval
**Fee**
Semester: 514; Term: 257
**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Performance and Repertoire | 188133, 1 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

| Title | Tags |
| --- | --- |
| Solo Performance | 188196, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 360R - Performance Instruction: Trombone

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Trombone

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Performance and Repertoire | 188131, 1 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 360R - Performance Instruction: Trumpet

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Trumpet

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Solo Performance | 188193, 1 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 360R - Performance Instruction: Horn

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
360R
**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Horn
**Course Description**
Private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5
**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
MUSIC 194 & MUSIC 196 & MUSIC 198; Music major status; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Solo Performance | 188194, 1 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 360R - Performance Instruction: Saxophone

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
360R
**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Saxophone
**Course Description**
Private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5
**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval
**Fee**
Semester: 514; Term: 257
**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188150, 1 |

**Learning Outcome**
Students will develop communication skills as they encourage one another in a spirit of love and support.

## MUSIC 360R - Performance Instruction: Percussion

## MUSIC 360R - Performance Instruction: Bassoon

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Percussion

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Performance and Repertoire | 188134, 1 |

**Learning Outcome**
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

| Title | Tags |
| --- | --- |
| Solo Performance | 188198, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Bassoon

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188148, 1 |

**Learning Outcome**
Students will develop communication skills as they encourage one another in a spirit of love and support.

# MUSIC 360R - Performance Instruction

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
MUSIC 194 & MUSIC 196 & MUSIC 198; Music major status; jury approval.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| MUS 360R | 187663, 2 |

**Learning Outcome**
Students will learn how to improve their technical facility and artistic expression in their chosen area of musical study.

# MUSIC 360R - Performance Instruction: Organ

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Organ

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Performance and Repertoire | 187983, 3 |

**Learning Outcome**
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

| Title | Tags |
| --- | --- |
| Solo Performance | 188197, 4 |

**Learning Outcome**
Students will demonstrate the

ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 360R - Performance Instruction: String Bass

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: String Bass

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188161, 1 |

**Learning Outcome**
Students will develop communication skills as they encourage one another in a spirit of love and support.

## MUSIC 360R - Performance Instruction: Piano

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Piano

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Performance and Repertoire | 188135, 2 |

**Learning Outcome**
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

| Title | Tags |
| --- | --- |
| Solo Performance | 188381, 1 |

**Learning Outcome**

Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes at an appropriate artistic level for their year of study. They must also show the ability to independently prepare a complete solo work for adjudication.

## MUSIC 360R - Performance Instruction: Violin

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Violin

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Performance and Repertoire | 188138, 1 |

**Learning Outcome**
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

## MUSIC 360R - Performance Instruction: Contemporary Voice

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Contemporary Voice

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval.

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

## MUSIC 360R - Performance Instruction: Cello

### Course Information

## MUSIC 360R - Performance Instruction: Classical Voice

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
360R
**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Cello
**Course Description**
Private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

**Teaching Area (new)**
MUSIC
**Course Number**
360R
**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Classical Voice
**Course Description**
Private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
MUSIC 194 & MUSIC 196 & MUSIC 198. Music major status; jury approval. Concurrent enrollment in Music 362R: Diction Lab in Fall and Winter semesters.
**Fee**
Semester: 514; Term: 257
**Note**
From one to four hours of daily practice. Fee.

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2

**AND** MUSIC 196 - Music Theory 2
**AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2

**AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 260R - Performance Instruction: Percussion

**Additional Comments:**

**Other Prerequisites**
Music major status; jury approval
**Fee**
Semester: 514; Term: 257
**Note**
From one to four hours of daily practice. Fee.

## MUSIC 360R - Performance Instruction: Guitar

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Guitar

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188162, 1 |

**Learning Outcome**
Students will develop communication skills as they encourage one another in a spirit of love and support.

## MUSIC 360R - Performance Instruction: Conducting

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Conducting

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188159, 1 |

**Learning Outcome**
Students will develop communication skills as they encourage one another in a spirit of love and support.

## MUSIC 360R - Performance Instruction: Tuba

### Course Information

**Teaching Area (new)**

**Course Number**

## MUSIC 362R - Diction Lab 2: English

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
362R

MUSIC 360R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Tuba

**Course Description**
Private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music major status; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From one to four hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Performance and Repertoire | 188132, 1 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

| Title | Tags |
| --- | --- |
| Solo Performance | 188195, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

**Teaching Area**
MUSIC

**Course Title**
Diction Lab 2: English

**Course Description**
Continuation of the study of English diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Concurrent enrollment in Music 360R: Classical Voice.

## MUSIC 362R - Diction Lab 2: German

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
362R

**Teaching Area**
MUSIC

**Course Title**
Diction Lab 2: German

**Course Description**
Continuation of the study of German diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

## MUSIC 362R - Diction Lab 2

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
362R

**Teaching Area**
MUSIC

**Course Title**
Diction Lab 2

**Course Description**
Continuation of the study of Italian diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Note**
Continuation of the study of diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

## MUSIC 362R - Diction Lab 2: French

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
362R

**Teaching Area**
MUSIC

**Course Title**
Diction Lab 2: French

**Course Description**
Continuation of the study of French diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

## MUSIC 362R - Diction Lab 2: Italian

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
362R

**Teaching Area**
MUSIC

**Course Title**
Diction Lab 2: Italian

**Course Description**
Continuation of the study of Italian diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

## MUSIC 363 - Vocal Pedagogy

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
363

**Teaching Area**
MUSIC

**Course Title**
Vocal Pedagogy

**Course Description**
Introduction to physiology, acoustics, and pedagogy of singing.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Fixed**
2

## MUSIC 364 - Keyboard Pedagogy

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
364

**Teaching Area**
MUSIC

**Course Title**
Keyboard Pedagogy

**Course Description**
Basic pedagogical principles as applied to keyboard instruments.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Other Prerequisites
Junior standing as vocal performance or choral music education major or instructor's consent.

| Title | Tags |
| --- | --- |
| Human Voice Physiology and Biomechanics | 187600, 1 |

Learning Outcome
Students will learn the physiology and biomechanics of the human voice.

| Title | Tags |
| --- | --- |
| Acoustical Laws | 187895, 2 |

Learning Outcome
Students will learn the acoustical laws which govern sound as applied to the human voice.

| Title | Tags |
| --- | --- |
| Pedagogical Approaches | 187730, 0, 3 |

Learning Outcome
Students will learn pedagogical approaches to teaching voice which conform to physical and acoustical principles.

## MUSIC 365 - Piano Pedagogy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 249 - Sophomore Recital

**Additional Comments:**

Other Prerequisites
Junior standing and successful completion of Music 249.

| Title | Tags |
| --- | --- |
| Professional Preparation | 187633, 2 |

Learning Outcome
Through reading about successful methods and teachers, and listening to lectures the students will gain the necessary background for becoming good teachers and beginning a career as a professional teacher in their own established studio.

| Title | Tags |
| --- | --- |
| Private Teaching Techniques | 187817, 1 |

Learning Outcome
The objective of this course is to provide a foundation for teaching private piano to students, to increase the students' ability to utilize the various piano courses and techniques that will help provide basic skills for the art.

## MUSIC 366 - Organ Pedagogy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

MUSIC 365

**Teaching Area**
MUSIC

**Course Title**
Piano Pedagogy

**Course Description**
Preparation for supervised private or group teaching.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 364 - Keyboard Pedagogy

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Private Piano Teaching Skills | 187750, 1 |

**Learning Outcome**
As a continuation of Music 364, the objective of this course is to provide a foundation for teaching private piano to students, to increase the students' ability to utilize the various piano courses and techniques that will help provide basic skills for the art.

| Title | Tags |
| --- | --- |
| Professional Preparation | 187978, 2 |

**Learning Outcome**
As a continuation of Music 364

MUSIC 366

**Teaching Area**
MUSIC

**Course Title**
Organ Pedagogy

**Course Description**
Preparation for supervised private or group teaching.

**Department**
Music

**When Taught**
Winter Even Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Teaching Techniques | 187981, 1 |

**Learning Outcome**
Learn teaching techniques from prominent music teachers (including organ teachers) both in and out of the local area.

As a continuation of Music 364, through reading about successful methods and teachers, and listening to lectures the students will gain the necessary background for becoming good teachers and beginning a career as a professional teacher in their own established studio.

## MUSIC 367 - Woodwind Pedagogy

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
367

**Teaching Area**
MUSIC

**Course Title**
Woodwind Pedagogy

**Department**
Music

**When Taught**
Fall Odd Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Woodwind performance major status or instructor's consent

| Title | Tags |
| --- | --- |
| Effective Private Teaching | 187640, 1 |

**Learning Outcome**
Students will gain the knowledge and skill necessary to become en effective private teacher on their chosen instrument.

| Title | Tags |
| --- | --- |
| Woodwind Pedagogy | 187646, 2 |

**Learning Outcome**

## MUSIC 368 - Brass Pedagogy

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
368

**Teaching Area**
MUSIC

**Course Title**
Brass Pedagogy

**Department**
Music

**When Taught**
Fall Even Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Brass performance major status or instructor's consent

| Title | Tags |
| --- | --- |
| Brass Pedagogy Fundamentals | 187355, 1 |

**Learning Outcome**
Students will demonstrate an understanding of the fundamentals of brass pedagogy.

| Title | Tags |
| --- | --- |
| Performance Traditions | 187626, 3 |

**Learning Outcome**
Students will demonstrate a

Learning Outcome
Students will demonstrate a knowledge of woodwind pedagogy, especially as it applies to their chosen instrument.

Students will demonstrate a working knowledge of brass performance traditions, including recordings, style, and legacy of significant brass performers.

| Title | Tags |
| --- | --- |
| Professional Preparation | 187941, 0 |

Learning Outcome
Students will demonstrate a knowledge of the necessary background for becoming good private teachers and beginning a career as a professional teacher in their own established studios.

# MUSIC 369A - String Pedagogy: Violin and Viola

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
369A

**Teaching Area**
MUSIC

**Course Title**
String Pedagogy: Violin and Viola

**Course Description**
String pedagogy techniques for violin and viola, with a focus on teaching students of varying levels and organizing a private studio.

**Department**
Music

**When Taught**
Fall Even Years

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instrumental music major on violin or viola, or instructor's consent.

**Title**
Studio Teaching

**Tags**
214131, 0, 1, 2023-08-29 11:19:20

**Learning Outcome**
Students will acquire the skills necessary to organize and maintain a successful private studio.

**Title**
String Pedagogy

**Tags**
214132, 0, 2, 2023-08-29 11:19:21

**Learning Outcome**
Students will increase their pedagogical knowledge and practical skills as a teacher on their instrument.

# MUSIC 369B - String Pedagogy: Bass

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
369B

**Teaching Area**
MUSIC

**Course Title**
String Pedagogy: Bass

**Course Description**
String pedagogy techniques for bass, with a focus on teaching students of varying levels and organizing a private studio.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instrumental music major on double bass, or instructor's consent.

**Title**
Bass Pedagogy

**Tags**
214133, 0, 1, 2023-08-29 11:19:24

**Learning Outcome**
At the end of this course, students will understand the mechanics of the instrument, know more about its history and evolution, and be able to clearly communicate such knowledge.

**Title**
Studio Teaching

**Tags**
214134, 0, 2, 2023-08-29 11:19:28

**Learning Outcome**
Students will acquire the skills necessary to organize and maintain a successful private studio.

## MUSIC 369C - String Pedagogy: Cello

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
369C

**Teaching Area**
MUSIC

**Course Title**
String Pedagogy: Cello

**Course Description**
String pedagogy techniques for cello, with a focus on teaching students of varying levels and organizing a private studio.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instrumental music major on cello or instructor's consent.

**Title**
Cello Pedagogy

**Tags**
214135, 0, 1, 2023-08-29 11:19:33

**Learning Outcome**
Students will learn to teach all levels of playing by studying principles of movement and different schools of cello playing and methods.

**Title**
Studio Teaching

**Tags**
214136, 0, 2, 2023-08-29 11:19:35

**Learning Outcome**
Students will learn the music business side of running a private studio.

## MUSIC 369D - String Pedagogy: Harp

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
369D

**Teaching Area**
MUSIC

**Course Title**
String Pedagogy: Harp

**Course Description**
String pedagogy techniques for harp, with a focus on teaching students of varying levels and organizing a private studio.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instrumental music major on harp or instructor's consent.

**Title**
Harp Pedagogy

**Tags**
214137, 0, 1, 2023-08-29 11:19:39

**Learning Outcome**
Students will demonstrate an understanding of methods of pedagogy related to teaching harp.

**Title**
Studio Teaching

**Tags**
214138, 0, 2, 2023-08-29 11:19:43

**Learning Outcome**
Students will demonstrate an understanding of personal teaching philosophies, lesson plans, and other skills related to setting up a private studio.

## MUSIC 369E - String Pedagogy: Guitar

## MUSIC 370 - Musical Theater Pedagogy and

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
369E

**Teaching Area**
MUSIC

**Course Title**
String Pedagogy: Guitar

**Course Description**
String pedagogy techniques for guitar, with a focus on teaching students of varying levels and organizing a private studio.

**Department**
Music

**When Taught**
Fall Odd Years

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instrumental music major on guitar or instructor's consent.

**Title**
Guitar Pedagogy

**Tags**
214139, 0, 1, 2023-08-29 11:19:46

**Learning Outcome**
Students will gain experience instructing students at the beginning and intermediate levels, gain a deeper knowledge of classical guitar and jazz guitar techniques, and analyze various guitar methods and approaches.

**Title**
Studio Teaching

**Tags**
214140, 0, 2, 2023-08-29 11:19:48

**Learning Outcome**
Students will acquire the skills necessary to organize and maintain a successful private studio.

# Vocal Technique

## Course Information

**Course Number**
370

**Teaching Area**
MUSIC

**Course Title**
Musical Theater Pedagogy and Vocal Technique

**Course Description**
Introductory course preparing students to teach musical theater skills and techniques in a public school setting.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Title**
Vocal Technique

**Tags**
214141, 0, 1, 2023-08-29 11:19:50

**Learning Outcome**
Students will demonstrate knowledge of healthy vocal technique for musical theatre (both classical and contemporary).

**Title**
Pedagogical Practice

**Tags**
214142, 0, 2, 2023-08-29 11:19:52

**Learning Outcome**
Students will demonstrate understanding of sound pedagogical practices in a musical theater setting.

**Title**
Vocal Coaching and Directing

**Tags**
214143, 0, 3, 2023-08-29 11:19:54

**Learning Outcome**
Students will develop skills and strategies for vocal coaching and directing in the context of a

school musical theater production.

## MUSIC 378 - Music for the Elementary Classroom Teacher

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
378

**Teaching Area**
MUSIC

**Course Title**
Music for the Elementary Classroom Teacher

**Course Description**
Establishing a classroom environment for musical development; emphasis on appropriate songs, activities, resources, and teaching strategies.

**Department**
Music

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
MUSIC 378 - Mu Elem Clsrm Tch

**Tags**
187963, 0

**Learning Outcome**
Students will acquire personal musicianship skills applied to knowledge of age-appropriate musical activities, materials and delivery techniques for grades K–6.

## MUSIC 379 - Pre-Student Teaching

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
379

**Teaching Area**
MUSIC

**Course Title**
Pre-Student Teaching

**Course Description**
Analyzing education practice and relationship between theories and research on music education and the practice of teaching.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 282 - Foundations of Teaching Vocalists in Ensembles

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 283 - Foundations of Teaching Instrumentalists in Ensembles

**Additional Comments:**

**Other Prerequisites**
C or higher in all major courses.

| Title | Tags |
| --- | --- |
| Student Teaching Readiness | 187757, 1 |

**Learning Outcome**
Students will demonstrate a readiness to assume the responsibilities of student teaching in general, choral, or instrumental music through successfully completing a semester-long, part-time field experience in a suitable public school music classroom setting.

## MUSIC 380A - Techniques for Instrumental Music Educators: Voice

### Course Information

**Course Number**
380A
**Teaching Area**
MUSIC
**Course Title**
Techniques for Instrumental Music Educators: Voice
**Course Description**
Introductory course on vocal skills and technique with a focus on how to teach vocalists in a group setting.
**Department**
Music
**When Taught**
Contact Department

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Anatomy | 214168, 0, 1, 2023-08-29 11:22:04 |

**Learning Outcome**
Students will demonstrate knowledge of basic anatomy and

## MUSIC 380B - Techniques for Music Educators: Brass

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
380B
**Teaching Area**
MUSIC
**Course Title**
Techniques for Music Educators: Brass
**Course Description**
Learning to play and to teach brass instruments; survey of instructional materials.
**Department**
Music
**When Taught**
Fall

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

function of the voice.

| Title | Tags |
| --- | --- |
| Vocal Skills | 214169, 0, 2, 2023-08-29 11:22:06 |

**Learning Outcome**
Students will develop their own vocal skills.

| Title | Tags |
| --- | --- |
| Diagnosis | 214170, 0, 3, 2023-08-29 11:22:07 |

**Learning Outcome**
Students will be able to diagnose and prescribe solutions to common voice issues.

| Title | Tags |
| --- | --- |
| Leadership | 214171, 0, 4, 2023-08-29 11:22:09 |

**Learning Outcome**
Students will be able to lead both group and individual coaching sessions.

**Prerequisites**

**Complete ALL of the following Courses:**

- MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Performance Skills | 214172, 0, 1, 2023-08-29 11:22:12 |

**Learning Outcome**
Students will demonstrate fundamental performance skills and technique on trumpet, french horn, trombone, euphonium, and tuba including: correct embouchure, proper hand positions and slide manipulation, ability to breath properly without disturbing the mouthpiece position, appropriate tonguing (sustained and detached sound, double and triple tonguing).

| Title | Tags |
| --- | --- |
| Teaching Skills | 214173, 0, 2, 2023-08-29 11:22:14 |

**Learning Outcome**
Students will effectively sequence and demonstrate appropriate strategies for instructing fundamental performance skillsand technique on trumpet, french horn, trombone, euphonium, and tuba.

| Title | Tags |
| --- | --- |
| Instrument/Performance Mechanics | 214174, 0, 3, 2023-08-29 11:22:15 |

**Learning Outcome**
Students will demonstrate understanding of: the simple physics of the overtone series and how it applies to brass instruments; the basics of mouthpiece construction and how it affects performance; three different ways to produce vibrato on brass instruments; various transpositions needed by an orchestral brass player; mutes and what effect they have on performance and intonation.

| Title | Tags |
| --- | --- |
| Awareness of Pedagogy | 214175, 0, 4, 2023-08-29 11:22:16 |

**Learning Outcome**
Students will demonstrate: a

basic knowledge of the history of brass instruments; how electronic accompaniments can be used as a teaching tool; an awareness of graded brass literature; recognition of the most commonly played brass solos.

## MUSIC 380C - Techniques for Music Educators: Clarinet, Flute, Saxophone

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
380C
**Teaching Area**
MUSIC
**Course Title**
Techniques for Music Educators: Clarinet, Flute, Saxophone
**Course Description**
Learning to play and to teach woodwind instruments; survey of instructional materials; emphasis on clarinet, flute, and saxophone.
**Department**
Music
**When Taught**
Fall

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Performance Skills | 214176. 0. 1. 2023-08-29 11:22:18 |

## MUSIC 380D - Techniques for Music Educators: Bassoon, Oboe

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
380D
**Teaching Area**
MUSIC
**Course Title**
Techniques for Music Educators: Bassoon, Oboe
**Course Description**
Continuation of Music 380C. Emphasis on oboe and bassoon.
**Department**
Music
**When Taught**
Winter

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Performance Skills | 214179, 0, 1, 2023-08-29 11:22:23 |

Learning Outcome
Students will demonstrate fundamental performance skills and technique on clarinet, flute, and saxophone.

| Title | Tags |
| --- | --- |
| Teaching Skills | 214177, 0, 2, 2023-08-29 11:22:19 |

Learning Outcome
Students will effectively sequence and demonstrate appropriate strategies for instructing fundamental performance skills and technique on clarinet, flute, and saxophone, and will identify a variety of woodwind teaching resources.

| Title | Tags |
| --- | --- |
| Awareness of Pedagogy | 214178, 0, 3, 2023-08-29 11:22:22 |

Learning Outcome
Students will demonstrate familiarity with selected woodwind pedagogues and their contributions.

Learning Outcome
Students will demonstrate fundamental performance skills and technique on oboe and bassoon.

| Title | Tags |
| --- | --- |
| Teaching Skills | 214180, 0, 2, 2023-08-29 11:22:25 |

Learning Outcome
Students will effectively sequence and demonstrate appropriate strategies for instructing fundamental performance skills and technique on oboe and bassoon, and will identify a variety of woodwind teaching resources.

| Title | Tags |
| --- | --- |
| Awareness of Pedagogy | 214181, 0, 3, 2023-08-29 11:22:27 |

Learning Outcome
Students will demonstrate familiarity with selected woodwind pedagogues and their contributions.

## MUSIC 380E - Techniques for Choral Music Educators: Percussion

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 380E |

**Teaching Area**
MUSIC
**Course Title**
Techniques for Choral Music Educators: Percussion
**Department**
Music
**When Taught**
Winter Even Years

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
0

## MUSIC 380F - Techniques for Instrumental Music Educators: Percussion

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 380F |

**Teaching Area**
MUSIC
**Course Title**
Techniques for Instrumental Music Educators: Percussion
**Course Description**
Learning to play and to teach percussion instruments with a focus on instrumental ensembles; survey of instructional materials.
**Department**
Music
**When Taught**
Winter Odd Years

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Untitled Requirement**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MUSIC 196 - Music Theory 2
- MUSIC 198 - Sight Singing 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Choral Percussion | 214182, 0, 1, 2023-08-29 11:22:29 |

**Learning Outcome**
To prepare you to teach basic percussion skills at the public school level to both instrumental students and choral students as well as to help you reach a high level of performance ability with regards to rhythm, counting, and exposure to a variety of percussion instruments. Additional objectives are to develop your abilities in writing/arranging percussion parts for choral works and becoming more familiar with choral repertory that utilizes percussion. Since this is a one semester course, please try to immerse yourself in percussion related activities by attending recitals and concerts where percussion is utilized.

| Title | Tags |
|---|---|
| Performance Skills | 214183, 0, 2, 2023-08-29 11:22:31 |

**Learning Outcome**
Students will demonstrate: an understanding of fundamental performance techniques for musical instruments common to the percussion family; rudimentary technique on many of the instruments labeled percussion, concentrating on those that are most common to today's elementary and high school literature.

| Title | Tags |
|---|---|
| Teaching Skills | 214184, 0, 3, 2023-08-29 11:22:33 |

**Learning Outcome**

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 196 - Music Theory 2
- MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Other Prerequisites**
Music 196, 198.

| Title | Tags |
|---|---|
| Performance Skills | 214186, 0, 1, 2023-08-29 11:22:36 |

**Learning Outcome**
Students will demonstrate: an understanding of fundamental performance techniques for musical instruments common to the percussion family; rudimentary technique on many of the instruments labeled percussion, concentrating on those that are most common to today's elementary and high school band and orchestra literature.

| Title | Tags |
|---|---|
| Teaching Skills | 214187, 0, 2, 2023-08-29 11:22:37 |

**Learning Outcome**
Students will demonstrate ability to teach beginning percussion students at the elementary or secondary school levels and to continue to provide them with an accepted, organized approach to learning and developing percussion techniques and skills.

| Title | Tags |
|---|---|
| Awareness of Pedagogy | 214188, 0, 3, 2023-08-29 11:22:40 |

**Learning Outcome**
Students will demonstrate familiarity with the history of each major instrument found in the percussion family, their acoustical properties and methods of sound production,

Students will demonstrate ability to teach beginning percussion students at the elementary or secondary school levels and to continue to provide them with an accepted, organized approach to learning and developing percussion techniques and skills.

and the idiosyncrasies of percussion music notation.

**Title**
Awareness of Pedagogy

**Tags**
214185, 0, 4, 2023-08-29 11:22:34

**Learning Outcome**
Students will demonstrate familiarity with the history of each major instrument found in the percussion family, their acoustical properties and methods of sound production, and the idiosyncrasies of percussion music notation.

## MUSIC 380G - Techniques for Music Educators: Guitar

### Course Information

**Course Number**
380G
**Teaching Area**
MUSIC
**Course Title**
Techniques for Music Educators: Guitar
**Course Description**
An introductory course on guitar skills and technique with a focus on teaching guitar in a school setting.
**Department**
Music
**When Taught**
Fall

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

## MUSIC 380H - Techniques for Music Educators: Orchestral Strings

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
380H
**Teaching Area**
MUSIC
**Course Title**
Techniques for Music Educators: Orchestral Strings
**Course Description**
Learning to play and teach string instruments; survey of instructional materials, emphasis on violin and viola.
**Department**
Music
**When Taught**
Fall

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Performance | 214189, 0, 1, 2023-08-29 11:22:42 |

Learning Outcome
Students will be able to play on the guitar music of varied styles, genre, and cultures.

| Title | Tags |
| --- | --- |
| Pedagogy | 214190, 0, 2, 2023-08-29 11:22:44 |

Learning Outcome
Students will develop the pedagogical content knowledge to teach guitar in a school setting.

| Title | Tags |
| --- | --- |
| Performing on a Stringed Instrument | 214191, 0, 1, 2023-08-29 11:22:45 |

Learning Outcome
Demonstrate the ability to play with expression simple tunes, with proper playing position, tone quality, intonation, and rhythmic accuracy on all four orchestral instruments.

| Title | Tags |
| --- | --- |
| String Skills and Techniques | 214192, 0, 2, 2023-08-29 11:22:48 |

Learning Outcome
Demonstrate ability to identify skills and techniques common to all string instruments.

| Title | Tags |
| --- | --- |
| Effective Sequencing and Instruction | 214193, 0, 3, 2023-08-29 11:22:49 |

Learning Outcome
Demonstrate ability to effectively sequence and instruct these fundamental skills.

| Title | Tags |
| --- | --- |
| Diagnosing Technical and Aural Problems | 214194, 0, 4, 2023-08-29 11:22:51 |

Learning Outcome
Demonstrate ability to diagnose technical problems and propose remedial strategies. This includes developing and improving the necessary aural skills needed for effective string teaching.

| Title | Tags |
| --- | --- |
| The Role of String Instruction | 214195, 0, 5, 2023-08-29 11:22:52 |

Learning Outcome
Demonstrate an enthusiasm for and understanding of the role of orchestra/string instruction in the K-12 school music curriculum as a means of realizing a comprehensive music education.

| Title | Tags |
| --- | --- |
| Professionalism | 214196, 0, 6, 2023-08-29 11:22:57 |

Learning Outcome
Develop the professional skills

Develop the professional skills, traits, and behaviors expected of a professional music educator.

| Title | Tags |
| --- | --- |
| Pedagogues and Movements in String Education | 214197, 0, 7, 2023-08-29 11:22:59 |

**Learning Outcome**
Students will know selected string pedagogues, and demonstrate ability to identify important movements in string education.

| Title | Tags |
| --- | --- |
| Spiritually Strengthining | 214198, 0, 8, 2023-08-29 11:23:00 |

**Learning Outcome**
Discover ways to appropriately teach by the Spirit in a secular educational setting (D&C 50:13-22).

## MUSIC 381 - Art of Teaching Children Music in the Classroom

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 381 |

**Teaching Area**
MUSIC
**Course Title**
Art of Teaching Children Music in the Classroom
**Course Description**
Overview and practical application of classroom general music methodologies in the elementary grades, including the relationship of classroom practice to choral and instrumental experiences. Observation and teaching opportunities in the schools.
**Department**
Music
**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

## MUSIC 382 - Art of Teaching Vocalists in Ensembles

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 382 |

**Teaching Area**
MUSIC
**Course Title**
Art of Teaching Vocalists in Ensembles
**Course Description**
Curriculum design, score analysis and preparation, choral arranging, rehearsal techniques, survey of literature, and vocal pedagogy, including treble voice and changing voice; computers and computer-assisted instruction.
**Department**
Music
**When Taught**
Winter.

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 276 - Introduction to Music Education
  **AND** MUSIC 281 - Foundations of Teaching Children Music

**Additional Comments:**

**Recommended**
Music 278

| Title | Tags |
|---|---|
| Teaching Skills | 213229, 0, 2 |

**Learning Outcome**

Demonstrate sequenced developmental teaching of musical elements for grades K-6 using a variety of methods and delivery techniques.

| Title | Tags |
|---|---|
| Assessment | 213230, 0, 3 |

**Learning Outcome**

Select, utilize, and evaluate methods of assessment in elementary general music.

| Title | Tags |
|---|---|
| Content Knowledge | 213231, 0, 4 |

**Learning Outcome**

Explore and discuss special topics in music education, such as: classroom engagement, teaching students with exceptionalities and special needs, social emotional learning, world music pedagogy, arts and other content integration, and other topics as needed or desired.

| Title | Tags |
|---|---|
| Standards-Based Curriculum Writing | 213228, 0, 1 |

**Learning Outcome**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 235A - Instrumental Conducting Techniques.
  **OR** MUSIC 235B - Choral Conducting Techniques
- MUSIC 276 - Introduction to Music Education
- MUSIC 282 - Foundations of Teaching Vocalists in Ensembles

**Additional Comments:**

**Untitled Requirement**
**Type**
Prerequisite

**Additional Comments:**

| Title | Tags |
|---|---|
| Professional Preparation | 214199, 0, 1, 2023-08-29 11:23:05 |

**Learning Outcome**
Students will be prepared to function competently in the public school classroom as musical artists, as teachers, and as administrators.

| Title | Tags |
|---|---|
| Classroom Strategies and Policies | 214200, 0, 2, 2023-08-29 11:23:06 |

**Learning Outcome**
Students will be prepared to create their own strategies and policies for the music classroom based on sound principles.

| Title | Tags |
|---|---|
| Rehearsal Technique | 214201, 0, 3, 2023-08-29 11:23:09 |

**Learning Outcome**
Students will develop processes, build skills, and share knowledge in rehearsal technique by analyzing scores, forecasting rehearsal issues, planning, creating, and prioritizing strategies, executing the rehearsal with a real lab choir.

| Title | Tags |
|---|---|
| Choral Voice Building | 214202, 0, 4, 2023-08-29 11:23:11 |

**Learning Outcome**

Articulate what should be taught in elementary music for grades K-6, including music skills, fundamentals, and INGs, and develop standards-based lesson and unit plans for grades K-6 based on appropriate music skills and concepts for each grade level.

Students will develop processes, build skills, and share knowledge in voice building of choral singers by creating an index of vocalises to build technique, modeling for and strategizing to improve the tone of the lab choir over the semester, reading about and discussing group vocal pedagogy.

**Title**
Choral Repertoire

**Tags**
214203, 0, 5, 2023-08-29 11:23:14

**Learning Outcome**
Students will develop processes, build skills, and share knowledge in discerning quality choral repertoire, collecting and organizing it into personal choral reference libraries.

**Title**
Repertoire and Program Selection

**Tags**
214204, 0, 6, 2023-08-29 11:23:16

**Learning Outcome**
Students will develop processes, build skills, and share knowledge in selecting repertoire and creating quality concert programs for secondary students.

**Title**
Creating Course Documents

**Tags**
214205, 0, 7, 2023-08-29 11:23:18

**Learning Outcome**
Students will develop processes, build skills, and share knowledge in creating course documents that outline curriculum goals, classroom management rules and consequences, assessment and grading procedures, budget proposals and purchasing information.

**Title**
Recruiting and Voice Testing

**Tags**
214206, 0, 8, 2023-08-29 11:23:20

**Learning Outcome**
Students will develop processes, build skills, and share knowledge in recruiting singers, voice testing and discerning stages of the changing voice meeting the range needs of those voices, auditioning.

# MUSIC 383 - Art of Teaching Instrumentalists in Ensembles

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
383

**Teaching Area**
MUSIC

**Course Title**
Art of Teaching Instrumentalists in Ensembles

**Course Description**
Curriculum design, evaluating ensemble performance, advanced rehearsal techniques, administering secondary instrumental music programs; computers and computer-assisted instruction.

**Department**
Music

**When Taught**
Winter.

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 235A - Instrumental Conducting Techniques. **OR** MUSIC 235B - Choral Conducting Techniques
- MUSIC 276 - Introduction to Music Education
- MUSIC 283 - Foundations of Teaching Instrumentalists in Ensembles

**Additional Comments:**

| Title | Tags |
|---|---|
| Spiritually Strengthening | 214207, 0, 1, 2023-08-29 11:23:22 |

**Learning Outcome**
Discover ways to appropriately teach by the Spirit in a secular educational setting (D&C 50:13-22).

# MUSIC 384 - Jazz Improvisation 2

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
384

**Teaching Area**
MUSIC

**Course Title**
Jazz Improvisation 2

**Course Description**
Intermediate improvisation: theory and technique.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 284 or director's consent

| Title | Tags |
|---|---|
| Jazz Improv II | 187896, 0 |

**Learning Outcome**
Students will continue their study of improvisation techniques and will learn advanced scales, chord progressions, and stylistic approaches to jazz improvisation.

| Title | Tags |
| --- | --- |
| Professionalism | 214208, 0, 2, 2023-08-29 11:23:25 |

**Learning Outcome**
Develop and maintain the professional skills, traits, and behaviors expected of a professional music educator.

| Title | Tags |
| --- | --- |
| K-12 Instrumental Music Program Management | 214209, 0, 3, 2023-08-29 11:23:27 |

**Learning Outcome**
Demonstrate the leadership and managerial skills required to manage a K-12 band and orchestra program. This includes contest/festival adjudication, facility planning, recruiting, public relations, finances, and fund raising.

| Title | Tags |
| --- | --- |
| Rehearsal techniques | 214210, 0, 4, 2023-08-29 11:23:28 |

**Learning Outcome**
Students will demonstrate ability to locate and resolve errors in ensemble performance and to conduct ensemble music with clarity and purpose. Students will gain experience in the musical skills of intonation/quality, and transposition/score reading.

| Title | Tags |
| --- | --- |
| Diagnosing Technical and Aural Problems | 214211, 0, 5, 2023-08-29 11:23:30 |

**Learning Outcome**
Demonstrate and improve needed aural, theoretical, and pedagogical skills required for effective conducting and teaching in a K-12 band and orchestra rehearsal. This includes the ability to diagnose aural and technical problems while proposing remedial strategies to improve student musicianship.

| Title | Tags |
| --- | --- |
| Effective Conducting | 214212, 0, 6, 2023-08-29 11:23:32 |

**Learning Outcome**

Learning Outcome
Demonstrate a high degree of musicianship as a conductor.

| Title | Tags |
| --- | --- |
| Teaching | 214213, 0, 7, 2023-08-29 11:23:34 |

Learning Outcome
Demonstrate ability to effectively sequence and instruct the skills of musicianship needed in a K-12 band and orchestra class.

| Title | Tags |
| --- | --- |
| Instrumental Pedagogy | 214214, 0, 8, 2023-08-29 11:23:35 |

Learning Outcome
Demonstrate the ability to identify skills and techniques common to K-12 band and orchestra musicians. This includes the ability to recognize challenges and diagnose solutions to common pedagogical challenges encountered in a K-12 band and orchestra classroom.

| Title | Tags |
| --- | --- |
| Performing on Band and Orchestra Instruments | 214215, 0, 9, 2023-08-29 11:23:37 |

Learning Outcome
Demonstrate the ability to play music appropriate for school bands and orchestras with proper playing position, tone quality, rhythmic accuracy, intonation, and expression on all instruments learned in workshop classes.

| Title | Tags |
| --- | --- |
| Philosophy of Instrumental Music Education | 214216, 0, 10, 2023-08-29 11:23:38 |

Learning Outcome
Develop and demonstrate the ability to articulate a personal philosophy for music education which accounts for the place of arts in the K-12 school curriculum. Philosophical topics may include the scope and sequence of a curriculum, music selection, extra-musical activities (travel, fund raising, service), diversity and inclusion, and ethics.

## MUSIC 386 - Songwriting 2

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
386

**Teaching Area**
MUSIC

**Course Title**
Songwriting 2

**Course Description**
Projects in advanced songwriting.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 186 - Songwriting 1
  **AND** MUSIC 256 - Recording Studio 1
  **AND** MUSIC 295 - Music Theory 3

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Purposes of Songwriting | 214217, 0, 1, 2023-08-29 11:23:41 |

**Learning Outcome**
Students will demonstrate an understanding of the purposes of songwriting--for personal purposes or for the publishers and producers of movies and television episodes.

| Title | Tags |
| --- | --- |

## MUSIC 387R - Composition Seminar

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
387R

**Teaching Area**
MUSIC

**Course Title**
Composition Seminar

**Course Description**
Seminars in principles and techniques of recent art music.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment with MUSIC 187R or MUSIC 388R

**Note**
Music Composition major status

| Title | Tags |
| --- | --- |
| Advanced Composition | 187977, 1 |

**Learning Outcome**
Advanced composition study that (a) focuses on modern and postmodern musical vocabularies, (b) enhances knowledge of contemporary repertoire, and (c) prepares students for their senior recitals.

| Collaboration and Pace | 214218, 0, 2, 2023-08-29 11:23:43 |
|---|---|

**Learning Outcome**
Students will demonstrate experience with industry-style collaboration and will be able to work on concurrent projects at a professional pace.

## MUSIC 388R - Advanced Composition

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 388R |

**Teaching Area**
MUSIC
**Course Title**
Advanced Composition
**Course Description**
Private lessons in music composition.
**Department**
Music
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1.5

**Fixed**
1.5

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Four credits of Music 187R; junior-level screening; concurrent enrollment in Music 387R.

## MUSIC 389 - Projects in Commercial Music

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 389 |

**Teaching Area**
MUSIC
**Course Title**
Projects in Commercial Music
**Course Description**
Introductory projects in scoring for broadcast media, publication, and studio recording.
**Department**
Music
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music 186, 222, 256, 296.

| Title | Tags |
|---|---|
| Commercial Music Projects | 188274, 1 |

**Learning Outcome**
The projects class will help students understand and prepare for real-world applications of the tools and techniques used in music production. A good working knowledge and understanding of MIDI, music compositional techniques, digital

compositional techniques, digital workstations(such as Pro Tools, Logic, Digital Performer), Virtual Instrument plug-ins and other production components are required. The class will review some basic principles and teach more advanced uses of these technologies. Class projects will range from realistic drum sequencing, writing and producing jingles, song clones to scoring for video and film.

## MUSIC 390R - Music Production Seminar

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
390R
**Teaching Area**
MUSIC
**Course Title**
Music Production Seminar
**Course Description**
Principles and techniques in music production taught by commercial music faculty in a private one to one lesson fashion and then meeting as a group (master class setting) to showcase, discuss, and critique student works.
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Commercial Music Major status

## MUSIC 391 - Jazz Keyboard

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
391
**Teaching Area**
MUSIC
**Course Title**
Jazz Keyboard
**Course Description**
Lead sheets, chord voicings, and other aspects of jazz performance practice.
**Department**
Music
**When Taught**
Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 196 - Music Theory 2
  **AND** MUSIC 222 - Functional Piano Skills 2

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Jazz Keyboarding | 187734, 0 |

**Learning Outcome**
Students learn how to read lead sheets and how to appropriately voice chords on the piano.

| Title | Tags |
| --- | --- |
| Play standard tunes in the following ways using a lead sheet | 188026, 1 |

**Learning Outcome**
Upon the successful completion of this course a student should be able

Melody in the right hand and basic chord inversions in the left hand
Chords only spread between both hands to comp behind a soloist, employing upper structure and altered chord harmony.
Rootless voicings in the left hand and embellished melody in the right hand while playing with bass and drums.
Play a solo piano ballad with rich jazz harmonies and moving textural lines.
Play the blues in four keys, demonstrating standard chord voicings and improvisational techniques.
Play II-V-I patterns in major and minor, using three voicing systems; 1735-1379, 1357-1793, and rootless voicings. These include harmonic extensions to the 13th and various forms of the altered dominant seventh chords and their substitutions.
Know and play all of the following modes and scales with correct fingerings: Dorian, Mixolydian, Jazz Minor, Lydian, Locrian, Whole Tone, Diminished (Octatonic) in two forms, Lydian Dominant, Super Locrian (Diminished Whole-Tone).

## MUSIC 394 - Jazz Styles and Analysis

### Course Information

**Teaching Area (new)** **Course Number**

## MUSIC 395 - Form and Analysis

### Course Information

**Teaching Area (new)** **Course Number**

MUSIC 394

**Teaching Area**
MUSIC
**Course Title**
Jazz Styles and Analysis
**Course Description**
In-depth experience in recognizing and differentiating jazz styles, including analyzing and transcribing solo and ensemble jazz materials.
**Department**
Music
**When Taught**
Winter Odd Yrs..

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Recommended**
Music major status; instructor's consent.

| Title | Tags |
|---|---|
| Jazz Styles and Analysis | 187652, 0 |

**Learning Outcome**
In-depth experience in recognizing and differentiating jazz styles, including analyzing and transcribing solo and ensemble jazz materials.

MUSIC 395

**Teaching Area**
MUSIC
**Course Title**
Form and Analysis
**Course Description**
Analysis of music from scores and recordings, with emphasis on formal elements of music.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 295 - Music Theory 3

**Additional Comments:**

| Title | Tags |
|---|---|
| Form | 187986, 0, 1 |

**Learning Outcome**
Students will demonstrate an understanding of phrase form, small part forms, large scale forms (such as sonata and rondo) and contrapuntal structures (such as fugues and inventions).

| Title | Tags |
|---|---|
| Analysis | 212304, 0, 2 |

**Learning Outcome**
Students will demonstrate the ability to effectively choose and apply appropriate analytical

apply appropriate analytical techniques to analyze compositions in a variety of styles, demonstrating an understanding of aspects ranging from harmony, melody, rhythm and meter, and form to timbre, texture, and musical meaning.

## MUSIC 399R - Academic Internship

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
399R
**Teaching Area**
MUSIC
**Course Title**
Academic Internship
**Course Description**
Internship or externship in creative, performing, producing, or teaching applications of major course work.
**Department**
Music
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5
**Fixed**
6

**Other Prerequisites**
Instructor's consent
**Note**
An APPROVED Internship Application is required before adding.

**Title**
Off Campus Performance
**Tags**
187598, 0
**Learning Outcome**
Students will participate in an off-campus performance or administrative experience to enhance the student's academic training at the university.

**Title**
Skill Application
**Tags**
187739, 2
**Learning Outcome**
Students will apply acquired classroom skills in a professional setting.

**Title**
**Tags**

## MUSIC 402A - Vocal Literature

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
402
**Teaching Area**
MUSIC
**Course Title**
Vocal Literature
**Course Description**
Survey of literature with emphasis on art song. Research in area of concentration.
**Department**
Music
**When Taught**
Fall.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into 360R or instructor's consent

**Title**
Listening
**Tags**
187656, 3
**Learning Outcome**
Students will be able to identify listening examples of specific songs.

**Title**

| Networking | 187839, 1 |
|---|---|

**Learning Outcome**
Students will gain access to professional contacts and create a network beneficial to future career choices.

| Classical Vocal Art Song: 1600 to Present | Tags 187718, 1 |
|---|---|

**Learning Outcome**
Students will survey the classical vocal art song repertoire in English, Italian, German, and French from the past 400 years.

| Title | Tags |
|---|---|
| Repertoire Lists | 187804, 5 |

**Learning Outcome**
Students will be able to compile a comprehensive personal repertoire list.

| Title | Tags |
|---|---|
| Seminar Presentations | 187826, 2 |

**Learning Outcome**
Students will be able to prepare and present a class on a given composer or group of composers —consisting of lecture, musical examples, live performance, and appropriate handouts.

| Title | Tags |
|---|---|
| Performance | 187833, 4 |

**Learning Outcome**
Students will be able to perform at least one song in two other student presentations.

| Title | Tags |
|---|---|
| Style and Development | 187880, 2 |

**Learning Outcome**
Students will be able to discuss stylistic elements of song, including melody, harmony, rhythm, accompaniment, text, and form.Students will be able to discuss the development of song through various composers, languages or eras.

## MUSIC 403A - Piano Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 403A |

**Teaching Area**
MUSIC

## MUSIC 403B - Piano Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 403B |

**Teaching Area**
MUSIC

**Course Title**
Piano Literature
**Course Description**
Survey of literature. Research in area of concentration.
**Department**
Music
**When Taught**
Fall

## Credit Hours

**Min**
2

**Fixed**
2

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
0

**Other Prerequisites**
C- or higher in Music 306; acceptance into 360R or 460R, or instructor's consent

| Title | Tags |
| --- | --- |
| Advanced Keyboard Performance | 187898, 1 |

**Learning Outcome**
This course is designed for the advanced keyboard performer, and consists of projects in keyboard harmony, sight-reading, transposition, modulation, improvisation, playing by ear, and score reading, in pursuit of developing the complete keyboard fluency.

**Course Title**
Piano Literature
**Course Description**
Continuation of Music 403A.
**Department**
Music
**When Taught**
Winter

## Credit Hours

**Min**
2

**Fixed**
2

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
0

**Other Prerequisites**
C- or higher in Music 306; acceptance into 360R or 460R, or instructor's consent

| Title | Tags |
| --- | --- |
| Piano Literature: Classical to Contemporary | 187737, 1 |

**Learning Outcome**
This course will explore piano literature from late Classical, Romantic, Impressionistic, and Contemporary periods of music history including composer surveys, analysis, aural and score recognition, performances and performance practices. The goal of this course is for each student to gain a broad understanding of the subject and develop a love for the rich heritage of the medium. A major purpose of the course is to instill in students a curiosity essential for lifetime discovery. Thorough knowledge and appreciation of the piano repertoire is crucial for a successful career in performance and teaching.

## MUSIC 404A - Organ Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
404A

**Teaching Area**
MUSIC

**Course Title**
Organ Literature

**Course Description**
Survey of literature. Research in area of concentration.

**Department**
Music

**When Taught**
Fall Even Years

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into Music 360R or 460R, or instructor's consent.

| Title | Tags |
| --- | --- |
| Organ Lit | 187733, 0 |

**Learning Outcome**
The course objective is to further an acquaintance and familiarity with the repertory, composers, forms and genres, stylistic features, analytical techniques and general performance practices associated with organ literature from the earliest sources of the fourteenth century through the music of Johann Sebastian Bach.

## MUSIC 404B - Organ Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
404B

**Teaching Area**
MUSIC

**Course Title**
Organ Literature

**Course Description**
Continuation of Music 404A.

**Department**
Music

**When Taught**
Winter Odd Years

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into Music 360R or 460R, or instructor's consent.

| Title | Tags |
| --- | --- |
| Organ Lit, 2 | 187881, 0 |

**Learning Outcome**
A continuation of 404A, with the focus being on organ literature from the mid-eighteenth century to the present.

## MUSIC 406 - String Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
406

**Teaching Area**
MUSIC

## MUSIC 423 - Harp Arranging and Transcribing

### Course Information

**Course Number**
423

MUSIC
**Course Title**
String Literature
**Course Description**
Survey of literature, including research in field of concentration.
**Department**
Music
**When Taught**
Fall Odd Years

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into 360R or 460R, or instructor's consent

| Title | Tags |
|---|---|
| String Literature | 187792, 0 |

**Learning Outcome**
Be able to discuss, listen to, dance to and perform standard standard repertoire as well as read and write about it. The ultimate purpose is to expand your understanding of the concert and teaching repertoire. This survey will demonstrate the wealth of string literature available and how you can find, understand and play it well.

**Teaching Area**
MUSIC
**Course Title**
Harp Arranging and Transcribing
**Course Description**
Transcribing and arranging for harp.
**Department**
Music
**When Taught**
Winter Odd Years

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
1

**Simple Requisites**

**Untitled Requirement**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MUSIC 195 - Music Theory 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Transcribing | 214219, 0, 1, 2023-08-29 11:24:45 |

**Learning Outcome**
Students will learn how to transcribe music from the Baroque and Classical eras, which will help them prepare for competitions and future performances. Title

| Title | Tags |
|---|---|
| Arranging | 214220, 0, 2, 2023-08-29 11:24:52 |

**Learning Outcome**
Students will be able to confidently arrange classical and popular music and adjust orchestral parts.

## MUSIC 426 - Music Dance Theatre: Senior Performance Project

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | |

## MUSIC 441R - New Music Ensemble

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 441R |

Teaching Area

MUSIC 426
**Teaching Area**
MUSIC
**Course Title**
Music Dance Theatre: Senior Performance Project
**Course Description**
Participation in an MDT performance group culminating in a showcase for agents and directors in New York City during April.
**Department**
Music
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 328 - Script, Movement and Score Analysis

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in Dance 426 and TMA 426. BFA Acting or MDT status. By audition only.

| Title | Tags |
|---|---|
| Professional Feedback | 187878, 0, 0 |

**Learning Outcome**
Students will audition for and receive feedback from industry professionals.

| Title | Tags |
|---|---|
| Promotional Materials | 187882, 0, 3 |

**Learning Outcome**
Students will have personal promotional materials ready as they leave the university.

**Teaching Area**
MUSIC
**Course Title**
New Music Ensemble
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| Modern and Experimental Music Practice | 187713, 1 |

**Learning Outcome**
Performance practice in modern and experimental musical vocabularies.

| Title | Tags |
| --- | --- |
| Professional Contacts | 187968, 0, 6 |

**Learning Outcome**
Students will establish professional contacts with working industry professionals.

## MUSIC 449 - Senior Recital

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
449
**Teaching Area**
MUSIC
**Course Title**
Senior Recital
**Department**
Music
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
1

**Fixed**
1

**Other Prerequisites**
Concurrent enrollment in Music 360R, 387R, or 460R, and instructor's consent. Prerecital hearing required at least three weeks before juried recitals.
**Note**
NOTE: Fee. NOTE: Students mus register for recital before it can be scheduled; contact studio instructor for details.

| Title | Tags |
| --- | --- |
| Full Recital Performance | 187356, 1 |

**Learning Outcome**
Students will perform a full recital of repertory, artistically appropriate to the year of study.

## MUSIC 460R - Performance Instruction: Guitar

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
460R
**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Guitar
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
1.5

**Fixed**
3

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188239, 1 |

**Learning Outcome**
Students will acquire the

technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
| --- | --- |
| Solo Performance | 188240, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 460R - Performance Instruction: Euphonium

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 460R |

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Euphonium
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**

## MUSIC 460R - Performance Instruction: Cello

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 460R |

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Cello
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**

From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188235, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
| --- | --- |
| Solo Performance | 188236, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Applied Cello Instruction | 188117, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

## MUSIC 460R - Performance Instruction: Organ

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
460R
**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Organ
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5
**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

## MUSIC 460R - Performance Instruction: Horn

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
460R
**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Horn
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5
**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188246, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
|---|---|
| Solo Performance | 188247, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 460R - Performance Instruction: Percussion

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 460R |

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Percussion
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5
**Fixed**
3

### Lecture Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188243, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

## MUSIC 460R - Performance Instruction: Flute

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 460R |

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Flute
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5
**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188248, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
|---|---|
| Solo Performance | 188249, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 460R - Performance Instruction: Saxophone

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 460R |

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Saxophone
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188237, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
|---|---|
| Solo Performance | 188238, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 460R - Performance Instruction: Oboe

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 460R |

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Oboe
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

**Lecture Hours**

Fixed
1

**Lab Hours**

Fixed
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
Fee
Semester: 514; Term: 257
Note
From three to five hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188252, 1 |

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
|---|---|
| Solo Performance | 188253, 2 |

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 460R - Performance Instruction: String Bass

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 460R |

Teaching Area
MUSIC
Course Title
Performance Instruction: String Bass
Course Description
Advanced private instruction and studio class.
Department
Music
When Taught
Fall, Winter, Spring

**Credit Hours**

**Lecture Hours**

Fixed
1

**Lab Hours**

Fixed
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
Fee
Semester: 514; Term: 257
Note
From three to five hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188244, 1 |

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
|---|---|
| Solo Performance | 188245, 2 |

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 460R - Performance Instruction: Trumpet

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 460R |

Teaching Area
MUSIC
Course Title
Performance Instruction: Trumpet
Course Description
Advanced private instruction and studio class.
Department
Music
When Taught
Fall, Winter, Spring

**Credit Hours**

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188254, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
|---|---|
| Solo Performance | 188255, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Major in performance; jury approval
**Fee**
Semester: 514; Term: 257
**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188258, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

## MUSIC 460R - Performance Instruction: Bassoon

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 460R |

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Bassoon
**Course Description**
Advanced private instruction and studio class.
**Department**

## MUSIC 460R - Performance Instruction: Piano

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 460R |

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Piano
**Course Description**
Advanced private instruction and studio class.
**Department**

Department
Music
When Taught
Fall, Winter, Spring

### Credit Hours

Min
1.5

Fixed
3

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
Fee
Semester: 514; Term: 257
Note
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188229, 1 |

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
| --- | --- |
| Solo Performance | 188230, 2 |

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 460R - Performance Instruction

Department
Music
When Taught
Fall, Winter, Spring

### Credit Hours

Min
1.5

Fixed
3

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
Fee
Semester: 514; Term: 257
Note
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188379, 1 |

Learning Outcome
Students will acquire a higher technical level and develop additional musical skills needed to pursue a career in teaching, solo performance, and collaborative performance.

| Title | Tags |
| --- | --- |
| Solo Performance | 188382, 2 |

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes at an appropriate artistic level for their year of study. Their final presentation will include a 50-60 minute recital representing three contrasting periods of music.

## MUSIC 460R - Performance Instruction: Trombone

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
460R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction

**Course Description**
Advanced private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**

## Trombone

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
460R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Trombone

**Course Description**
Advanced private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

**Fee**
Semester: 514; Term: 257

**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Solo Performance | 187785, 1 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188257, 2 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MUSIC 194 - Aural Skills 2

- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2

**AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 194 - Aural Skills 2
  **AND** MUSIC 196 - Music Theory 2
  **AND** MUSIC 198 - Sight Singing 2

**Additional Comments:**

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188250, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
|---|---|
| Solo Performance | 188251, 2 |

**Learning Outcome**
Students will demonstrate the

ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 460R - Performance Instruction: Viola

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
460R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Viola

**Course Description**
Advanced private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

**Fee**
Semester: 514; Term: 257

**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Solo Performance | 188332, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study. Students will cultivate technical and musical skills neeed to pursue a career in music.

## MUSIC 460R - Performance Instruction: Conducting

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
460R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Conducting

**Course Description**
Advanced private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

**Fee**
Semester: 514; Term: 257

**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188234, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

## MUSIC 460R - Performance Instruction: Woodwinds

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
460R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Woodwinds

**Course Description**
Advanced private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

**Fee**
Semester: 514; Term: 257

**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Solo Performance | 188224, 1 |

**Learning Outcome**
Students will perform two solo selections from the advanced (professional) standard repertory in master class, recital, and jury exams each semester

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188264, 2 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments

## MUSIC 460R - Performance Instruction: Strings

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
460R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Strings

**Course Description**
Advanced private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Major in performance; jury approval

**Fee**
Semester: 514; Term: 257

**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Solo Performance | 188226, 1 |

**Learning Outcome**
Students will perform two solo selections from the advanced (professional) standard repertory in master class, recital, and jury exams each semester

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188256, 2 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

their respective instruments.

## MUSIC 460R - Performance Instruction: Voice

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
460R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Voice

**Course Description**
Advanced private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

**Fee**
Semester: 514; Term: 257

**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Technique and Musicality | 188263, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

## MUSIC 460R - Performance Instruction: Tuba

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
460R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Tuba

**Course Description**
Advanced private instruction and studio class.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

**Fee**
Semester: 514; Term: 257

**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Solo Performance | 188260, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

| Title | Tags |
| --- | --- |

| Technique and Musicality | 188261, 1 |
|---|---|

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

## MUSIC 460R - Performance Instruction: Harp

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
460R
**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Harp
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5
**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188227, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on

## MUSIC 460R - Performance Instruction: Clarinet

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
460R
**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Clarinet
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5
**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
**Fee**
Semester: 514; Term: 257
**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
|---|---|
| Technique and Musicality | 188232, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on

their respective instruments.

| Title | Tags |
| --- | --- |
| Solo Performance | 188228, 2 |

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

their respective instruments.

| Title | Tags |
| --- | --- |
| Solo Performance | 188233, 2 |

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 460R - Performance Instruction: Brass and Percussion

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 460R |

Teaching Area
MUSIC
Course Title
Performance Instruction: Brass and Percussion
Course Description
Advanced private instruction and studio class.
Department
Music
When Taught
Fall, Winter, Spring

### Credit Hours

Min
1.5

Fixed
3

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
Fee
Semester: 514; Term: 257
Note
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |

## MUSIC 460R - Performance Instruction: Harpsichord

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 460R |

Teaching Area
MUSIC
Course Title
Performance Instruction: Harpsichord
Course Description
Advanced private instruction and studio class.
Department
Music
When Taught
Fall, Winter, Spring

### Credit Hours

Min
1.5

Fixed
3

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.
Fee
Semester: 514; Term: 257
Note
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |

| | |
|---|---|
| Solo Performance | 188225, 1 |

**Learning Outcome**
Students will perform two solo selections from the advanced (professional) standard repertory in master class, recital, and jury exams each semester.

| Title | Tags |
|---|---|
| Technique and Musicality | 188231, 2 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| | |
|---|---|
| Technique and Musicality | 188241, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
|---|---|
| Solo Performance | 188242, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

## MUSIC 460R - Performance Instruction: Violin

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 460R |

**Teaching Area**
MUSIC
**Course Title**
Performance Instruction: Violin
**Course Description**
Advanced private instruction and studio class.
**Department**
Music
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1.5

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 194 & Music 196 & Music 198; Major in performance; jury

## MUSIC 462R - Orchestral Excerpts: Viola

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 462R |

**Teaching Area**
MUSIC
**Course Title**
Orchestral Excerpts: Viola
**Course Description**
Performance instruction in standard orchestral repertoire.
**Department**
Music
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Music 460R or instructor's consent.
**Note**
For string performance majors

approval.
**Fee**
Semester: 514; Term: 257
**Note**
From three to five hours of daily practice. Fee.

| Title | Tags |
| --- | --- |
| Applied Violin Instruction | 188118, 1 |

**Learning Outcome**
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

| Title | Tags |
| --- | --- |
| Solo Performance | 188262, 2 |

**Learning Outcome**
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

For string performance majors.

| Title | Tags |
| --- | --- |
| Orchestral Excerpts and Repertoire | 188109, 1 |

**Learning Outcome**
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.

Preparation and performance of standard orchestral excerpts
Sight-reading of several other standard orchestral excerpts
Perform for outside adjudicators in "mock audition" setting
Understand professional audition procedures and processes
Collect mateials and resources to aid in preparation for future professional auditions

## MUSIC 462R - Orchestral Excerpts: Cello

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 462R |

**Teaching Area**
MUSIC
**Course Title**
Orchestral Excerpts: Cello
**Course Description**
Performance instruction in standard orchestral repertoire.
**Department**
Music
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

## MUSIC 462R - Orchestral Excerpts: Woodwinds

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 462R |

**Teaching Area**
MUSIC
**Course Title**
Orchestral Excerpts: Woodwinds
**Course Description**
Performance instruction in standard orchestral repertoire.
**Department**
Music
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Music 260R or 460R and/or instructor's consent
**Note**
For string performance majors.

| Title | Tags |
| --- | --- |
| Orchestral Repertoire & Excerpts | 187649, 0 |

**Learning Outcome**
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.Preparation and performance of standard orchestral excerptsSight-reading of several other standard orchestral excerptsPerform for outside adjudicators in “mock audition” settingUnderstand professional audition procedures and processesCollect materials and resources to aid in preparation for future professional auditions

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Music 460R or instructor's consent.
**Note**
For string performance majors.

| Title | Tags |
| --- | --- |
| Orchestral Excerpts and Repertoire | 188111, 1 |

**Learning Outcome**
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.

Preparation and performance of standard orchestral excerpts
Sight-reading of several other standard orchestral excerpts
Perform for outside adjudicators in "mock audition" setting
Understand professional audition procedures and processes
Collect mateials and resources to aid in preparation for future professional auditions

## MUSIC 462R - Orchestral Excerpts: Harp

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 462R |

**Teaching Area**
MUSIC
**Course Title**
Orchestral Excerpts: Harp
**Course Description**
Performance instruction in standard orchestral repertoire.
**Department**
Music
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

**Lecture Hours**

## MUSIC 462R - Orchestral Excerpts: Bass

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 462R |

**Teaching Area**
MUSIC
**Course Title**
Orchestral Excerpts: Bass
**Course Description**
Performance instruction in standard orchestral repertoire.
**Department**
Music
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

**Lecture Hours**

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Music 460R or instructor's consent.
**Note**
For string performance majors.

**Title**
Orchestral Excerpts and Repertoire

**Tags**
188110, 1

**Learning Outcome**
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.

Preparation and performance of standard orchestral excerpts
Sight-reading of several other standard orchestral excerpts
Perform for outside adjudicators in "mock audition" setting
Understand professional audition procedures and processes
Collect mateials and resources to aid in preparation for future professional auditions

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Music 460R or instructor's consent.
**Note**
For string performance majors.

**Title**
Orchestral Excerpts and Repertoire

**Tags**
188112, 1

**Learning Outcome**
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.

Preparation and performance of standard orchestral excerpts
Sight-reading of several other standard orchestral excerpts
Perform for outside adjudicators in "mock audition" setting
Understand professional audition procedures and processes
Collect mateials and resources to aid in preparation for future professional auditions

## MUSIC 462R - Orchestral Excerpts: Violin

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
462R

**Teaching Area**
MUSIC

**Course Title**
Orchestral Excerpts: Violin

**Course Description**
Performance instruction in standard orchestral repertoire.

**Department**
Music

**When Taught**
Winter

**Credit Hours**

**Min**

## MUSIC 462R - Orchestral Excerpts: Brass

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
462R

**Teaching Area**
MUSIC

**Course Title**
Orchestral Excerpts: Brass

**Course Description**
Performance instruction in standard orchestral repertoire for brass instruments.

**Department**
Music

**When Taught**
Winter

**Credit Hours**

1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Music 460R or instructor's consent.
**Note**
For string performance majors.

**Title**
Orchestral Excerpts and Repertoire

**Tags**
188108, 1

**Learning Outcome**
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.

Preparation and performance of standard orchestral excerpts
Sight-reading of several other standard orchestral excerpts
Perform for outside adjudicators in "mock audition" setting
Understand professional audition procedures and processes
Collect mateials and resources to aid in preparation for future professional auditions

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Music 460R or instructor's consent.
**Note**
For brass performance majors

## MUSIC 465A - Organ Practicum

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
465A
**Teaching Area**
MUSIC
**Course Title**
Organ Practicum
**Course Description**
Designing and implementing a personal strategy for developing the practical skills required of the organist.
**Department**

## MUSIC 465B - Organ Practicum

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
465B
**Teaching Area**
MUSIC
**Course Title**
Organ Practicum
**Course Description**
Developing the practical skills required of the organist, with emphasis on improvisation, figured bass, melody harmonization, transposition, and open score reading.

Music
**When Taught**
Fall Even Years

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music 166 or organ performance major status.

| Title | Tags |
|---|---|
| Hymn Playing | 209941, 0, 1 |

**Learning Outcome**
Students will demonstrate the ability to play hymns using a wide variety of techniques and with artistry, encouraging congregational participation and enthusiasm, and to conduct hymns adequately.

| Title | Tags |
|---|---|
| Choir Accompaniment | 209942, 0, 2 |

**Learning Outcome**
Students will demonstrate the ability to accompany choirs at the organ, interpreting and preparing the score properly, managing the console with mastery, and following the director accurately and musically.

## MUSIC 465C - Organ Practicum

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 465C |

**Department**
Music
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Hymn Playing | 209943, 0, 1 |

**Learning Outcome**
Students will demonstrate intermediate ability to play hymns using a wide variety of techniques and with artistry, encouraging congregational participation and enthusiasm, and to conduct hymns adequately.

| Title | Tags |
|---|---|
| Choir Accompaniment | 209944, 0, 2 |

**Learning Outcome**
Students will demonstrate intermediate ability to accompany choirs at the organ, interpreting and preparing the score properly, managing the console with mastery, and following the director accurately and musically.

## MUSIC 467 - String Teaching Practicum: Harp.

### Course Information

| Teaching Area (new) | Course Number |
|---|---|

**Teaching Area**
MUSIC
**Course Title**
Organ Practicum
**Course Description**
Refining the practical skills required of the organist, with emphasis on melody harmonization, choir accompaniment, hymn playing, and improvisation.
**Department**
Music
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Hymn Playing | 209945, 0, 1 |

**Learning Outcome**
Students will demonstrate advanced ability to play hymns using a wide variety of techniques and with artistry, encouraging congregational participation and enthusiasm, and to conduct hymns adequately.

| Title | Tags |
|---|---|
| Choir Accompaniment | 209946, 0, 2 |

**Learning Outcome**
Students will demonstrate advanced ability to accompany choirs at the organ, interpreting and preparing the score properly, managing the console with mastery, and following the director accurately and musically.

MUSIC 467
**Teaching Area**
MUSIC
**Course Title**
String Teaching Practicum: Harp.
**Course Description**
Applying pedagogical principles to teaching.
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Completion of required pedagogy class (Music 369A-E).

## MUSIC 467 - String Teaching Practicum: Bass.

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
467

**Teaching Area**
MUSIC

**Course Title**
String Teaching Practicum: Bass.

**Course Description**
Applying pedagogical principles to teaching.

**Department**
Music

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
1

**Fixed**
1

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
3

**Other Prerequisites**
Completion of required pedagogy class (Music 369A-E).

| Title | Tags |
| --- | --- |
| String Bass Teaching Practicum | 188323, 1 |

**Learning Outcome**
Students will have greater facility in understanding technical and pedagogical principles of double bass, how these principles are best organized and presented in a teaching setting, and how to synthesize these with effective teaching methods.

## MUSIC 467 - String Teaching Practicum: Guitar.

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
467

**Teaching Area**
MUSIC

**Course Title**
String Teaching Practicum: Guitar.

**Course Description**
Applying pedagogical principles to teaching.

**Department**
Music

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
1

**Fixed**
1

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
3

**Other Prerequisites**
Completion of required pedagogy class (Music 369A-E).

## MUSIC 467 - String Teaching Practicum

### Course Information

**Teaching Area (new)**

**Course Number**

## MUSIC 467 - String Teaching Practicum: Viola.

Teaching Area (new) | Course Number
MUSIC | 467
**Teaching Area**
MUSIC
**Course Title**
String Teaching Practicum
**Course Description**
Applying pedagogical principles to teaching.
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Completion of required pedagogy class (Music 369A-E).

## Course Information

**Teaching Area (new)** | **Course Number**
MUSIC | 467
**Teaching Area**
MUSIC
**Course Title**
String Teaching Practicum: Viola.
**Course Description**
Applying pedagogical principles to teaching.
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Completion of required pedagogy class (Music 369A-E).

**Title** | **Tags**
String Studio Teaching Practicum | 188062, 0

**Learning Outcome**

1- Pedagogy - By the semester's end, each student will have a thorough knowledge of how to apply string pedagogy, its theory, and practice.
2- Teaching - The student will have greatly improved his or her capacity to teach learners of every age and ability level through actual supervised teaching. 3- Private Teaching Studio- Each student will have gained the knowledge and skill necessary to run a successful private teaching studio.

## MUSIC 467 - String Teaching Practicum: Violin

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
467

**Teaching Area**
MUSIC

**Course Title**
String Teaching Practicum: Violin

**Course Description**
Applying pedagogical principles to teaching.

**Department**
Music

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Completion of required pedagogy class (Music 369A-E).

## MUSIC 467 - String Teaching Practicum: Cello.

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
467

**Teaching Area**
MUSIC

**Course Title**
String Teaching Practicum: Cello.

**Course Description**
Applying pedagogical principles to teaching.

**Department**
Music

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Completion of required pedagogy class (Music 369A-E).

## MUSIC 468 - Jazz Pedagogy

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
468
**Teaching Area**
MUSIC
**Course Title**
Jazz Pedagogy
**Course Description**
Organizing and teaching jazz in the secondary school. Designed for the music educator.
**Department**
Music
**When Taught**
Fall Even Years

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Jazz Pedagogy
**Tags**
187848, 0
**Learning Outcome**
Students will learn how to organize and teach jazz in the secondary school. Materials are designed for the music educator.

## MUSIC 470R - Keyboard Teaching Practicum: Piano

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
470R
**Teaching Area**
MUSIC
**Course Title**
Keyboard Teaching Practicum: Piano
**Course Description**
Applying pedagogical principles to teaching.
**Department**
Music
**When Taught**
Fall

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
MUSIC 366; Completion of required pedagogy class or instructor's consent

**Title**
Knowledge
**Tags**
188321, 1
**Learning Outcome**
Students will deepen their understanding of how music and teaching practice are related.

## MUSIC 470R - Keyboard Teaching Practicum

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
470R
**Teaching Area**
MUSIC
**Course Title**

## MUSIC 470R - Keyboard Teaching Practicum: Organ

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
470R
**Teaching Area**
MUSIC
**Course Title**

Keyboard Teaching Practicum

**Course Description**
Applying pedagogical principles to teaching.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Completion of required pedagogy class or instructor's consent

| Title | Tags |
|---|---|
| Knowledge | 188210, 1 |

**Learning Outcome**
Students will deepen their understanding of how music and practicum are related.

Keyboard Teaching Practicum: Organ

**Course Description**
Applying pedagogical principles to teaching.

**Department**
Music

**When Taught**
Fall Even Years

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Completion of required pedagogy class or instructor's consent.

| Title | Tags |
|---|---|
| Self-sufficient | 187835, 2 |

**Learning Outcome**
Become self-sufficient as an organ teacher.

| Title | Tags |
|---|---|
| Plan, teach, evaluate | 187962, 0 |

**Learning Outcome**
Plan, teach, and evaluate effective organ training courses and private lessons.

| Title | Tags |
|---|---|
| Apply | 187966, 1 |

**Learning Outcome**
Apply concepts introduced in Organ Pedagogy (Music 366, 665) in supervised private and group instruction.

## MUSIC 472 - Supervised Teaching in Voice

### Course Information

## MUSIC 476 - Secondary Student Teaching

### Course Information

**Course Information**

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 472 |

**Teaching Area**
MUSIC
**Course Title**
Supervised Teaching in Voice
**Course Description**
Lecture, discussion, and practicum in the methodology of studio voice instruction.
**Department**
Music
**When Taught**
Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- MUSIC 363 - Vocal Pedagogy

**Additional Comments:**

| Title | Tags |
|---|---|
| Repertoire for Beginning Voice | 187662, 3 |

**Learning Outcome**
Students will develop a basic list of repertoire appropriate to teaching beginning voice lessons.

| Title | Tags |
|---|---|
| Teaching Experience | 187677, 1 |

**Learning Outcome**
Students will apply the information gained in Music 363 to teaching at least 2 students,

**Course Information**

| Teaching Area (new) | Course Number |
|---|---|
| MUSIC | 476 |

**Teaching Area**
MUSIC
**Course Title**
Secondary Student Teaching
**Course Description**
Capstone, field-based, semester-long experience in teaching secondary music students, demonstrating proficiency in all program standards. Seminar required.
**Department**
Music
**When Taught**
Fall and Winter

### Credit Hours

**Min**
12
**Fixed**
12

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- MUSIC 379 - Pre-Student Teaching

**Additional Comments:**

**Other Prerequisites**
Completion of all course work or with approval, and with a major GPA of at least 3.0 and a C or higher in all major courses.

| Title | Tags |
|---|---|
| Teacher Work Sample | 187910, 1 |

**Learning Outcome**
Students will complete a Teacher Work Sample documenting their ability to understand a teaching situation and their individual students in one specific class, and their ability to plan, teach, reflect on and revise music learning events to teach a learning unit to this class. They will document group and individual progress for the unit.

| Title | Tags |
|---|---|
| Effective Planning, Teaching and Revising | 187948, 1 |

**Learning Outcome**
Students will demonstrate their ability to effectively plan, teach, reflect and revise music learning events by teaching full-time in a student teaching placement with

one male and the other female.

| Title | Tags |
| --- | --- |
| Home Studio Management | 187697, 5 |

**Learning Outcome**
Students will learn the organizational and financial structure of a successful home studio.

| Title | Tags |
| --- | --- |
| Pedagogical Approaches | 187862, 2 |

**Learning Outcome**
Students will develop through study and experience pedagocial approaches to teaching singing.

| Title | Tags |
| --- | --- |
| Student Public Recital | 188082, 4 |

**Learning Outcome**
Students will help their pupils prepare at least one song to a performance level which can be presented in a public recital.

student teaching placement with a mentor teacher. In addition, students will demonstrate their ability to communicate effectively with individual students and groups of students, as well as parents, as well as the ability to work well with their mentor teacher and other school colleagues.

## MUSIC 480R - Advanced Topics in Music

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
480R

**Teaching Area**
MUSIC

**Course Title**
Advanced Topics in Music

**Course Description**
Topics vary.

**Department**
Music

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- MUSIC 296 - Music Theory 4

**Additional Comments:**

| Title | Tags |
|---|---|
| General Special Topics Outcome | 187668, 8 |

**Learning Outcome**
Specific learning outcomes are explicated at the outset of the course, but vary from syllabus to syllabus; each class explores in depth a subject supported by the particular research experience and expertise of the graduate faculty member who teaches the course.

## MUSIC 481 - Orchestration 1

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
481

**Teaching Area**
MUSIC

**Course Title**
Orchestration 1

**Course Description**
An introduction to orchestration, including a study of the characteristics of each instrument and the ability to write for them in combination at a fundamental to intermediate level.

**Department**
Music

**When Taught**
Fall

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MUSIC 293 - Aural Skills 3
- MUSIC 295 - Music Theory 3

**Additional Comments:**

| Title | Tags |
|---|---|
| Orchestration | 214221, 0, 1, 2023-08-29 11:30:02 |

**Learning Outcome**
Students will demonstrate an understanding of fundamentals and intermediate techniques of orchestration in primarily pre-modern repertoire.

## MUSIC 482 - Choral Arranging

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
482

**Teaching Area**
MUSIC

**Course Title**
Choral Arranging

**Course Description**
Study of published choral arrangements, as well as techniques for adapting and arranging for choirs.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
C- or higher in Music 295.

**Title**
Choral Arranging

**Tags**
187623, 0

**Learning Outcome**
This course will help students learn a broad range of techniques in choral arranging, especially as it applies to adapting existing works for different configurations and creating new arrangements based on preexisting melodies.

## MUSIC 483 - Counterpoint

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
483

**Teaching Area**
MUSIC

**Course Title**
Counterpoint

**Course Description**
Eighteenth-century contrapuntal styles and techniques, emphasizing those of J. S. Bach.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 294 - Aural Skills 4
  **AND** MUSIC 296 - Music Theory 4

**Additional Comments:**

**Title**
18th Century Counterpoint

**Tags**
187946, 1

**Learning Outcome**
Learn techniques of 18th-century counterpoint and how they apply in principle to music of all subsequent periods.

## MUSIC 484 - Media Orchestration

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
484

**Teaching Area**
MUSIC

**Course Title**
Media Orchestration

**Course Description**
Emphasizes the theory and advance practices associated with creating realistic orchestral and contemporary production music through the use of sample libraries, synths, software, and other resources.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 389 - Projects in Commercial Music

**Additional Comments:**

## MUSIC 485 - Jazz Arranging and Composition

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
485

**Teaching Area**
MUSIC

**Course Title**
Jazz Arranging and Composition

**Course Description**
Developing concepts and skills related to the orchestration, arranging, and composition of jazz and related contemporary styles of music.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 295 - Music Theory 3

**Additional Comments:**

**Title**
Jazz Arranging

**Tags**
188001, 0

**Learning Outcome**
Students will develop concepts and skills related to the orchestration, arranging, and composition of jazz and related contemporary styles of music.

# MUSIC 486 - Commercial Music Capstone Project

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
486

**Teaching Area**
MUSIC

**Course Title**
Commercial Music Capstone Project

**Course Description**
Creating a demo CD and resume from course work, creative project, and internship experiences. Career goals and opportunities.

**Department**
Music

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 389 - Projects in Commercial Music

**Additional Comments:**

**Other Prerequisites**
Commercial Music major status

| Title | Tags |
|---|---|
| Senior Capstone Project | 187814, 0, 0 |

**Learning Outcome**
The capstone course provides an opportunity for the student to demonstrate a high degree of proficiency through the participation in a culminating project that is customized for the

# MUSIC 489 - Film Scoring

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
489

**Teaching Area**
MUSIC

**Course Title**
Film Scoring

**Course Description**
Introduction to techniques and technology of film scoring.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 389 - Projects in Commercial Music

**Additional Comments:**

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| Course Outcomes | 187611, 0 |

**Learning Outcome**
Successful completion of this class will allow students:1. To develop a practical understanding and approach to film scoring.2. To develop an appreciation of film composition as an art form.3. To have a practical ability of the creative

individual student. In consultation and approval with the instructor, the student will devise a substantial project that utilizes their unique abilities and knowledge to create a vehicle that showcases their professional talents. The goal is that they will have the opportunity to perform at their highest level and have a resume/portfolio worthy project to initiate a step into the commercial music industry.

and technical process of film composition.4. Seek to develop a balance between the career and spiritual well-being.5. Ultimately, to gain a greater fascination and increased skill of film composition.

## MUSIC 490 - BA Music Capstone

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
490

**Teaching Area**
MUSIC

**Course Title**
BA Music Capstone

**Course Description**
Mentored capstone project for students pursuing the Bachelor of Arts in Music degree. Students will pursue original research or creative work under the advisement of a faculty mentor.

**Department**
Music

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Submission of BA Capstone form to BA faculty advisor; advisor approval required.

## MUSIC 494R - Independent Readings

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
494R

**Teaching Area**
MUSIC

**Course Title**
Independent Readings

**Department**
Music

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Advising professor's consent as certified by completing a contract obtained from the Academic Administrative Assistant in the Music Office

**Title**
Independent Readings

**Tags**
187813, 0

**Learning Outcome**
Precise learning outcomes vary from student to student, and are negotiated prior to the experience and approved by the supervising faculty member. These specific requirements are written down in a contract and placed on file.

## MUSIC 495R - Commercial Music Special

## MUSIC 500 - Musical Research Techniques

# Projects

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
495R

**Teaching Area**
MUSIC

**Course Title**
Commercial Music Special Projects

**Course Description**
Projects vary.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Commercial Music Major status; Advising professor's consent as certified by completing a contract.

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
500

**Teaching Area**
MUSIC

**Course Title**
Musical Research Techniques

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate status

**Title**
Scholarly Inquiry, Information Literacy, and Writing

**Tags**
187357, 1

**Learning Outcome**
Develop skills of scholarly inquiry, information literacy, and writing that will (1) save time and make graduate coursework easier, (2) facilitate current awareness of developments in the music professions, (3) lay a foundation for your own professional development, (4) and enable lifelong personal learning.

**Title**
Critical Thinking

**Tags**
187358, 2

**Learning Outcome**
Learn to think critically (make value judgments) about music and evaluate the purpose of your career in music. Add intellectual and spiritual depth to your musical activities.

| Title | Tags |
| --- | --- |
| Methodologies and Publication | 187359, 3 |

**Learning Outcome**
Gain a broad understanding of methodologies and publication types commonly applied in music research.

| Title | Tags |
| --- | --- |
| Basic and Advanced Reference Sources | 187360, 5 |

**Learning Outcome**
Learn the uses and comparative merits of basic and advanced reference sources related to music. Gain the ability to determine the best reference source for a given research need. Learn how to critique reference sources.

| Title | Tags |
| --- | --- |
| Correct Citations | 187361, 6 |

**Learning Outcome**
Become proficient in basic and advanced aspects of bibliographic citation, using principles of the Chicago Manual of Style (16th edition) and other writing conventions common to scholarly music publications.

| Title | Tags |
| --- | --- |
| Evaluation of Sources | 187362, 7 |

**Learning Outcome**
Develop basic skills necessary to locate and evaluate critically musical manuscripts and various types of editions of scores.

| Title | Tags |
| --- | --- |
| Reference Sources, Public Services, and Actual Holdings | 188071, 4 |

**Learning Outcome**
Become familiar with reference sources, public services, and actual holdings useful for music research and performance in the Harold B. Lee Library, in other significant music libraries throughout the world, and online.

## MUSIC 501 - Music Education Research Techniques

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
501

**Teaching Area**
MUSIC

**Course Title**
Music Education Research Techniques

**Department**
Music

**When Taught**
Summer Term

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate status

| Title | Tags |
|---|---|
| Course Outcomes | 188410, 1 |

**Learning Outcome**
At the end of this course, students should be able to:

Identify research problems and questions.
Identify the appropriate research methodology to address a given problem or question.
Identify the standards and procedures of ethical research practices in music education.
Articulate the key elements of quantitative, qualitative, historical, and philosophical research designs. Also, included will be action research or research on your own teaching in your own classroom.

## MUSIC 503 - Aesthetics

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
503

**Teaching Area**
MUSIC

**Course Title**
Aesthetics

**Course Description**
Fundamental questions of aesthetic theory from classical antiquity to the present, emphasizing musical aesthetics.

**Department**
Music

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MUSIC 303 - History of Western Music: Classic

**Additional Comments:**

| Title | Tags |
|---|---|
| Aesthetics | 187604, 1 |

**Learning Outcome**
Students will understand a broad historical range of literature in the philosophy of art, with particular emphasis on music.

Effectively read, evaluate, and critique data and research findings particular to music education.
Analyze quantitative and qualitative research data.
Conduct research literature reviews and synthesizing the material into their own practice.
Access and utilize the basic music education research journals and other sources of research reports and summaries, including online sources.
Clearly and effectively express research and teaching ideas in writing.
Apply the principles of gospel teaching and learning in music research and teaching.

## MUSIC 505A - Applied Literature: Percussion Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505A

**Teaching Area**
MUSIC

**Course Title**
Applied Literature: Percussion Literature

**Course Description**
Advanced survey and research of literature.

**Department**
Music

**When Taught**
Contact Department

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Minimum of one enrollment in Music 402-407 or equivalent.

## MUSIC 505A - Applied Literature: String Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505A

**Teaching Area**
MUSIC

**Course Title**
Applied Literature: String Literature

**Course Description**
Advanced survey and research of literature.

**Department**
Music

**When Taught**
Contact Department

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Minimum of one enrollment in Music 402-407 or equivalent.

# MUSIC 505A - Applied Literature

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505A

**Teaching Area**
MUSIC

**Course Title**
Applied Literature

**Course Description**
Advanced survey and research of literature.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Minimum of one enrollment in Music 402-407 or equivalent.

| Title | Tags |
| --- | --- |
| Performance Literature | 209936, 0, 1 |

**Learning Outcome**
Students will be exposed to and study repertoire specific to their performance specialization. Solo, chamber, and large ensemble repertoire will be studied.

| Title | Tags |
| --- | --- |
| Oral Exam Preparation | 209937, 0, 2 |

**Learning Outcome**
Students will be prepared to communicate clearly about the repertoire studied.

# MUSIC 505A - Applied Literature: Brass Literature

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505A

**Teaching Area**
MUSIC

**Course Title**
Applied Literature: Brass Literature

**Course Description**
Advanced survey and research of literature.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Minimum of one enrollment in Music 402-407 or equivalent.

## MUSIC 505A - Applied Literature: Organ Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505A

**Teaching Area**
MUSIC

**Course Title**
Applied Literature: Organ Literature

**Course Description**
Advanced survey and research of literature.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Minimum of one enrollment in Music 402-407 or equivalent.

## MUSIC 505A - Applied Literature: Woodwind Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505A

**Teaching Area**
MUSIC

**Course Title**
Applied Literature: Woodwind Literature

**Course Description**
Advanced survey and research of literature.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Minimum of one enrollment in Music 402-407 or equivalent.

## MUSIC 505A - Applied Literature: Vocal Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505A

**Teaching Area**
MUSIC

**Course Title**
Applied Literature: Vocal Literature

**Course Description**
Advanced survey and research of literature.

**Department**
Music

**When Taught**
Contact Department

**Credit Hours**

**Min**
2

**Fixed**
2

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
1

**Other Prerequisites**
Minimum of one enrollment in Music 402-407 or equivalent

## MUSIC 505A - Applied Literature: Piano Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505A

**Teaching Area**
MUSIC

**Course Title**
Applied Literature: Piano Literature

**Course Description**
Advanced survey and research of literature.

**Department**
Music

**When Taught**
Contact Department

**Credit Hours**

**Min**
2

**Fixed**
2

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
1

**Other Prerequisites**
Minimum of one enrollment in Music 402-407 or equivalent.

## MUSIC 505B - Advanced Applied Literature: Vocal Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505B

**Teaching Area**
MUSIC

**Course Title**
Advanced Applied Literature: Vocal Literature

**Course Description**
Intensification and deeper study of Music 505A materials.

**Department**
Music

**When Taught**
Contact Department

**Credit Hours**

## MUSIC 505B - Advanced Applied Literature: Woodwind Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505B

**Teaching Area**
MUSIC

**Course Title**
Advanced Applied Literature: Woodwind Literature

**Course Description**
Intensification and deeper study of Music 505A materials.

**Department**
Music

**When Taught**
Contact Department

**Credit Hours**

**Min**
2

**Fixed**
2

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 505A - Applied Literature: Woodwind Literature

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 505A - Applied Literature: Woodwind Literature

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 505A - Applied Literature: Woodwind Literature

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 505A - Applied Literature: Woodwind Literature

**Additional Comments:**

**Prerequisites**

**Other Prerequisites**
Music 505A.

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 505A - Applied Literature: Woodwind Literature

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 505A - Applied Literature: Woodwind Literature

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 505A - Applied Literature: Woodwind Literature

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MUSIC 505A - Applied Literature: Woodwind Literature

**Additional Comments:**

**Other Prerequisites**
Music 505A.

## MUSIC 505B - Advanced Applied Literature: Organ Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505B

**Teaching Area**
MUSIC

**Course Title**
Advanced Applied Literature: Organ Literature

**Course Description**
Intensification and deeper study of Music 505A materials.

**Department**
Music

**When Taught**
Contact Department

**Credit Hours**

**Min**
2

**Fixed**
2

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
1

**Other Prerequisites**
Music 505A.

## MUSIC 505B - Advanced Applied Literature: Brass Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505B

**Teaching Area**
MUSIC

**Course Title**
Advanced Applied Literature: Brass Literature

**Course Description**
Intensification and deeper study of Music 505A materials.

**Department**
Music

**When Taught**
Contact Department

**Credit Hours**

**Min**
2

**Fixed**
2

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
1

**Other Prerequisites**
Music 505A.

# MUSIC 505B - Advanced Applied Literature: Piano Literature

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505B

**Teaching Area**
MUSIC

**Course Title**
Advanced Applied Literature: Piano Literature

**Course Description**
Intensification and deeper study of Music 505A materials.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 505A.

# MUSIC 505B - Advanced Applied Literature

## Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505B

**Teaching Area**
MUSIC

**Course Title**
Advanced Applied Literature

**Course Description**
Intensification and deeper study of Music 505A materials.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Title**
Performance Literature

**Tags**
209938, 0, 1

**Learning Outcome**
Students will be exposed to and study repertoire specific to their performance specialization. Solo, chamber, and large ensemble repertoire will be studied.

**Title**
Oral Exam Preparation

**Tags**
209939, 0, 2

**Learning Outcome**
Students will be prepared to communicate clearly about the repertoire studied.

## MUSIC 505B - Advanced Applied Literature: Percussion Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505B

**Teaching Area**
MUSIC

**Course Title**
Advanced Applied Literature: Percussion Literature

**Course Description**
Intensification and deeper study of Music 505A materials.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 505A.

## MUSIC 505B - Advanced Applied Literature: String Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
505B

**Teaching Area**
MUSIC

**Course Title**
Advanced Applied Literature: String Literature

**Course Description**
Intensification and deeper study of Music 505A materials.

**Department**
Music

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Music 505A.

## MUSIC 506 - Choral Literature 1

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
506

**Teaching Area**
MUSIC

**Course Title**
Choral Literature 1

**Course Description**
Concentrated analytical study and application of choral literature through Beethoven.

**Department**
Music

**When Taught**
Fall Odd Years

### Credit Hours

## MUSIC 507 - Choral Literature 2

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
507

**Teaching Area**
MUSIC

**Course Title**
Choral Literature 2

**Course Description**
Concentrated analytical study and application of choral literature from post-Beethoven to the present.

**Department**
Music

**When Taught**
Fall Even Years

### Credit Hours

**Min**
2

**Fixed**
2

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Choral Lit 1 | 187635, 0 |

**Learning Outcome**
1. You will have begun to assemble your own personal choral music database and library.2. You will have familiarized yourself with many representative pieces of major composers from each historical period. You will know their general characteristics and be able to apply this knowledge to the analysis of many kinds of choral music. You will know the important works of the major composers in each period. You will be able to recognize visually or aurally the musical characteristics of periods and composers in unidentified scores and recordings.3. You will know the names and general characteristics of contemporary arrangers, and composers who write choral music for educational purposes. You will also be able to recognize desirable qualities of repertoire for varying levels of age and ability in school, church, or community choir settings.4. You will know the criteria which affect choral programming. You will have compiled three sample programs, which demonstrate both your ability to create an artistic program and your knowledge of the repertoire.5. You will know about the issues which affect the choral musician's search for repertoire: the focus of well known

**Min**
2

**Fixed**
2

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Choral Lit 2 | 187613, 0 |

**Learning Outcome**
1. You will have begun to assemble your own personal choral music database and library.2. You will have familiarized yourself with many representative pieces of major composers from each historical period. You will know their general characteristics and be able to apply this knowledge to the analysis of many kinds of choral music. You will know the important works of the major composers in each period. You will be able to recognize visually or aurally the musical characteristics of periods and composers in unidentified scores and recordings.3. You will know the names and general characteristics of contemporary arrangers, and composers who write choral music for educational purposes. You will also be able to recognize desirable qualities of repertoire for varying levels of age and ability in school, church, or community choir settings.4. You will know the criteria which affect choral programming. You will have compiled three sample programs, which demonstrate both your ability to create an artistic program and your knowledge of the repertoire.5. You will know about the issues which affect the choral musician's search for repertoire: the focus of well known

publishers, music in the public domain, internet resources, copyright issues, out of print music, etc.6. You will have the necessary skills to evaluate each choral piece you encounter and be able to assess why a choral piece is or is not worth performing. Also, you will hopefully find great spiritual enlightenment as you come to know and better understand the world's choral masterpieces.

publishers, music in the public domain, internet resources, copyright issues, out of print music, etc.6. You will have the necessary skills to evaluate each choral piece you encounter and be able to assess why a choral piece is or is not worth performing. Also, you will hopefully find great spiritual enlightenment as you come to know and better understand the world's choral masterpieces.

## MUSIC 508 - Orchestra Literature 1

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
508

**Teaching Area**
MUSIC

**Course Title**
Orchestra Literature 1

**Course Description**
Concentrated analytical study and application of orchestral literature of the baroque and classical eras.

**Department**
Music

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Title**
508 Orchestral Literature 1

**Tags**
187631, 0

**Learning Outcome**
The purpose of this course is to study the standard orchestral literature through the eyes of a conductor. Upon completion of the course, students will be familiar with the most important literature of the Baroque, Classical, and Romantic periods up to through the works of Brahms. They will be able to identify the most important composers, their works, and the most significant passages with regards to challenges for the conductor.

## MUSIC 509 - Orchestra Literature 2

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
509

**Teaching Area**
MUSIC

**Course Title**
Orchestra Literature 2

**Course Description**
Concentrated analytical study and application of orchestral literature of the romantic era and the 20th century.

**Department**
Music

**When Taught**
Winter Even Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Title**
509 Orchestral Literature 2

**Tags**
187658, 0

**Learning Outcome**
The purpose of this course is to study the standard orchestral literature through the eyes of a conductor. Upon completion of the course, students will be familiar with the most important literature of the late Romantic period up to through the new music of today.. They will be able to identify the most important composers, their works, and the most significant passages with regards to challenges for the conductor.

## MUSIC 510 - Band Literature

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
510

**Teaching Area**
MUSIC

**Course Title**
Band Literature

**Course Description**
Concentrated study of band literature through analysis and conducting.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Knowledge of Composers | 187711, 2 |

**Learning Outcome**
List significant composers for the instrumental genres of band or orchestra music and name their most prominent works--while citing research sources for additional information.

| Title | Tags |
| --- | --- |
| Score Analysis | 187790, 0 |

**Learning Outcome**
Identify and describe elements of form, rhythm, melody, harmony, texture, dynamics, timbres, style and phrasing in a variety of band or orchestral scores.

## MUSIC 511 - Oratorio Literature for Solo Voice

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
511

**Teaching Area**
MUSIC

**Course Title**
Oratorio Literature for Solo Voice

**Course Description**
History, repertoire, and performance practice of sacred works with a focus on works from the Baroque Era to Contemporary.

**Department**
Music

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music 402A or equivalent.

| Title | Tags |
| --- | --- |
| Outcomes | 188058, 0 |

**Learning Outcome**
1. Students will study the history of oratorio repertoire and its styles of performance from the baroque era through to the present day.

2. Students will focus on specific recitative and arias from the oratorio repertoire, and perform extracts in class.

3. Students will complete assignments and give presentations in class that will pertain to their research on oratorio repertoire.

| Title | Tags |
| --- | --- |
| Historical Knowledge | 188031, 1 |

**Learning Outcome**
Describe the evolution of various large scale instrumental forms and trace the development of the styles and composition techniques in band history--while citing research sources for adding to that information.

## MUSIC 532R - Score Preparation and Conducting: Instrumental

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 532R |

**Teaching Area**
MUSIC
**Course Title**
Score Preparation and Conducting: Instrumental
**Department**
Music
**When Taught**
Fall

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Score Marking | 187670, 1 |

**Learning Outcome**
Use a variety of score marking techniques to notate preparation in score analysis and rehearsal planning.

## MUSIC 533R - Choral Conducting and Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| MUSIC | 533R |

**Teaching Area**
MUSIC
**Course Title**
Choral Conducting and Development
**Course Description**
Principles and practices of score preparation, conducting, and choral development as elements of choral artistry.
**Department**
Music
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Learning Outcome | 188279, 0 |

**Learning Outcome**
Students will demonstrate (1) the ability to analyze and graph a score, including factors of form, rhythm, melody, harmony, texture, dynamics, and balance,

| Title | Tags |
| --- | --- |
| Conducting Clarity | 187901, 2 |

**Learning Outcome**
Demonstrate the ability to clearly signal changes in meter, tempo, style, phrasing and dynamics while conducting the ensemble.

| Title | Tags |
| --- | --- |
| Score Analysis | 187939, 0 |

**Learning Outcome**
Identify and describe elements of form, rhythm, melody, harmony, texture, dynamics, timbres, style and phrasing in a variety of band or orchestral scores.

| Title | Tags |
| --- | --- |
| Rehearsal Techniques | 187960, 3 |

**Learning Outcome**
Demonstrate ability to forecast performance problems and demonstrate techniques and strategies for correcting them.

(2) the ability to prepare the score for rehearsal, creating a clear rehearsal plan, while showing challenges in the score and offering the means for meeting those challenges, and (3) conducting the score in a manner that communicates its style and character.

## MUSIC 534R - Score Preparation and Direction: Jazz

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
534R
**Teaching Area**
MUSIC
**Course Title**
Score Preparation and Direction: Jazz
**Department**
Music
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

## MUSIC 535R - Instrumental Conducting and Error Detection

### Course Information

**Teaching Area (new)**
MUSIC
**Course Number**
535R
**Teaching Area**
MUSIC
**Course Title**
Instrumental Conducting and Error Detection
**Course Description**
Development of critical rehearsal and conducting skills through score preparation, lesson planning, rehearsal goals and predicting issues, performance accuracy, score transpositions, error detection, conducting gesture analysis, and music-mapping for the development of expressive conducting gesture.
**Department**
Music
**When Taught**
Summer Term Odd Years

### Credit Hours

**Min**
2
**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Score Prep | 187703, 0 |

**Learning Outcome**
Students will be able to prepare a score for rehearsal.

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Conducting and Error Detection | 188091, 1 |

**Learning Outcome**

Demonstrate ability to study scores effectively to predict ensemble needs
Demonstrate ability to prepare effectively for rehearsal and develop lesson plans
Demonstrate ability to map a piece
Demonstrate ability to use clear and effective conducting gestures to enhance ensemble's performance
Conduct and perform for each other in micro teaching modules
Demonstrate ability to perform in an ensemble with accuracy and precision
Demonstrate ability to detect errors in score and performance in a positive manner, recommend solutions, and reinforce good behaviors
Analyze and assess performance practice in live lab settings
Demonstrate ability to transpose concert score for each instrument in the ensemble
Students will show empathy, respect and courtesy towards each other throughout the learning process

## MUSIC 560R - Performance Instruction

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
560R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction

**Course Description**
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

**Department**
Music

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
2

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate student status

**Fee**
Semester: 514; Term: 257

**Note**
Fee.

| Title | Tags |
| --- | --- |
| 560R Performance Instruction | 187940, 1 |

**Learning Outcome**
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

## MUSIC 560R - Performance Instruction: Percussion

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
560R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Percussion

**Course Description**
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

**Department**
Music

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
2

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Fee**
Semester: 514; Term: 257

**Note**
Fee.

## MUSIC 560R - Performance Instruction: Woodwind

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
560R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Woodwind

**Course Description**
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate music student status

**Fee**
Semester: 514; Term: 257

## MUSIC 560R - Performance Instruction: Voice

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
560R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Voice

**Course Description**
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

**Department**
Music

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate music student status

**Fee**
Semester: 514; Term: 257

## MUSIC 560R - Performance Instruction: Harpsichord

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
560R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Harpsichord

**Course Description**
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

**Department**
Music

**When Taught**
Contact Department

**Credit Hours**

**Min**
1

**Fixed**
2

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Graduate music student status

**Fee**
Semester: 514; Term: 257

## MUSIC 560R - Performance Instruction: Brass

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
560R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Brass

**Course Description**
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

**Department**
Music

**When Taught**
Fall, Winter, Spring

**Credit Hours**

**Min**
1

**Fixed**
2

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Graduate music student status

**Fee**
Semester: 514; Term: 257

## MUSIC 560R - Performance Instruction: Organ

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
560R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Organ

**Course Description**
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

**Department**
Music

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate music student status

**Fee**
Semester: 514; Term: 257

## MUSIC 560R - Performance Instruction: Piano

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
560R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Piano

**Course Description**
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

**Department**
Music

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate music student status

**Fee**
Semester: 514; Term: 257

## MUSIC 560R - Performance Instruction: Conducting

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
560R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: Conducting

**Course Description**
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

**Department**
Music

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
1

**Fixed**
2

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Graduate music student status

**Fee**
Semester: 514; Term: 257

## MUSIC 560R - Performance Instruction: String

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
560R

**Teaching Area**
MUSIC

**Course Title**
Performance Instruction: String

**Course Description**
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

**Department**
Music

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
1

**Fixed**
2

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Graduate music student status

**Fee**
Semester: 514; Term: 257

## MUSIC 570 - Music for Elementary School Teachers

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
570

**Teaching Area**
MUSIC

**Course Title**
Music for Elementary School Teachers

**Course Description**
Experiences in teaching various music activities in the elementary school.

**Department**
Music

**When Taught**
Contact Department

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music 371, 471, or elementary music teaching experience

| Title | Tags |
| --- | --- |
| Music for Elementary Teachers | 188092, 1 |

**Learning Outcome**
Students will have a greater understanding of the musical needs and abilities for K-6 students.

## MUSIC 571 - Elementary Education Music Pedagogy

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
571

**Teaching Area**
MUSIC

**Course Title**
Elementary Education Music Pedagogy

**Course Description**
Orff, Dalcroze, and Kodaly materials and techniques.

**Department**
Music

**When Taught**
Contact Department

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music 371 and equivalent of elementary education teaching minor in music

| Title | Tags |
| --- | --- |
| Music ElEd Pedagogy | 188093, 1 |

**Learning Outcome**
Students will learn different methods of teaching music to K-6 students.

## MUSIC 575R - Summer Music Workshops and Clinics

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
575R

**Teaching Area**
MUSIC

**Course Title**
Summer Music Workshops and Clinics

**Department**
Music

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
4

| Title | Tags |
| --- | --- |
| Classroom Teaching Techniques | 187984, 0 |

**Learning Outcome**
Students will demonstrate ability to apply to their classroom teaching those music education teaching techniques addressed in the given Summer Music Clinic.

## MUSIC 576 - Fundamentals and Techniques of the Marching Band

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
576

**Teaching Area**
MUSIC

**Course Title**
Fundamentals and Techniques of the Marching Band

**Course Description**
Planning, charting, and scoring for marching bands.

**Department**
Music

**When Taught**
Winter Even Years

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
2

**Other Prerequisites**
Music 294, 296 (or equivalents); music education major status

## MUSIC 580R - Topics in Music

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
580R

**Teaching Area**
MUSIC

**Course Title**
Topics in Music

**Department**
Music

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Music 296 or equivalent.

## MUSIC 581 - Orchestration 2

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
581

**Teaching Area**
MUSIC

**Course Title**
Orchestration 2

**Course Description**
Advanced studies in orchestration. Includes analysis of techniques seen primarily in modern and contemporary scores as well as the development of related orchestrational skills.

**Department**
Music

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Music 481 or equivalent

**Title**
20th Century Orchestration

**Tags**
187645, 0, 1

**Learning Outcome**

Learn specialized orchestrational techniques, primarily of the modern era.

## MUSIC 583 - Sixteenth-Century Counterpoint

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
583

**Teaching Area**
MUSIC

**Course Title**
Sixteenth-Century Counterpoint

**Course Description**
Strict modal counterpoint in sixteenth- century style (Palestrina); includes species, text setting, and motet.

**Department**
Music

**When Taught**
Fall Odd Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MUSIC 295 - Music Theory 3

**Additional Comments:**

**Title**
16th Century Counterpoint

**Tags**
187765, 0, 1

**Learning Outcome**
Students will demonstrate an understanding of the techniques of 16-century counterpoint, including principles applicable to later music.

## MUSIC 587R - Composition

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
587R

**Teaching Area**
MUSIC

**Course Title**
Composition

**Department**
Music

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Title**
Advanced Composition

**Tags**
187650, 1

**Learning Outcome**
Students will receive advanced training in composition, particularly emphasizing larger forces and extended forms.

## MUSIC 591 - Advanced Topics in Keyboard Harmony

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
591

**Teaching Area**
MUSIC

**Course Title**
Advanced Topics in Keyboard Harmony

**Course Description**
Topics vary.

**Department**
Music

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| Advanced Keyboard | 188339, 1 |

**Learning Outcome**
Through projects in keyboard harmony, sight-reading, transposition, modulation, improvisation, playing by ear, and score reading, advanced keyboard students will continue developing a complete keyboard fluency.

## MUSIC 595 - Score Analysis

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
595

**Teaching Area**
MUSIC

**Course Title**
Score Analysis

**Course Description**
Analysis of representative choral and instrumental works from the Renaissance through contemporary styles.

**Department**
Music

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Score Analysis | 187754, 0 |

**Learning Outcome**
Music 595 is to help you to- Explore the nature and function of scores of all kinds.- Answer the question of any score: what does this score tell me about the intended sound and what does it not tell me?- Learn criteria for identifying style, period, and performance practice of any score.Score types include:1. Vocal music: various a capella genres (choral, barbershop, etc.), congregational hymns (including shape-note symbols and tonic sol-fa), Lieder, popular sheet music, folk transcriptions.2. Instrument-based genres: works for solo instrument, chamber groups, and larger ensembles3. Alternative uses and adaptations

of common-practice notation: lead sheets/fake books, charts/graphs (e.g., Schenker graphs), short scores, piano reductions, transcriptions, various indeterminate notations. 4. Miscellaneous non-common-practice notation. These include tablatures, assorted graphic/pictographic representations, verbal scores, mathematical (e.g., ratio-based) notation.

## MUSIC 596 - Schenkerian Analysis

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
596

**Teaching Area**
MUSIC

**Course Title**
Schenkerian Analysis

**Course Description**
Schenker's system of tonal analysis.

**Department**
Music

**When Taught**
Winter Even Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MUSIC 395 - Form and Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| Structure and Prolongation | 187947, 0, 1 |

**Learning Outcome**
Student will demonstrate an understanding of the principles of harmonic structure, prolongation, and related ideas (as articulated by Heinrich Schenker and his followers).

## MUSIC 599R - Academic Internship

### Course Information

**Teaching Area (new)**
MUSIC

**Course Number**
599R

**Teaching Area**
MUSIC

**Course Title**
Academic Internship

**Course Description**
Internship in creative, performing, producing, or teaching applications of major course work.

**Department**
Music

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
6

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| Academic Internship | 187701, 0 |

**Learning Outcome**
Precise learning outcomes vary from student to student, and are negotiated and explicated prior to the experience and approved by the supervising graduate faculty member.

## NAVAJ 100 - Language Study: Navajo

### Course Information

**Teaching Area (new)**
NAVAJ

**Course Number**
100

**Teaching Area**
NAVAJ

**Course Title**
Language Study: Navajo

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Navajo.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
197921, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title**
Social Situations

**Tags**
197922, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

**Title**
Follow Instructions

**Tags**
197923, 3

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## NAVAJ 101 - First-Year Language Study: Navajo

### Course Information

**Teaching Area (new)**
NAVAJ

**Course Number**
101

**Teaching Area**
NAVAJ

**Course Title**
First-Year Language Study: Navajo

**Course Description**
Beginning speaking, listening, reading, and writing skills in Navajo.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
197917, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
197918, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**
Writing

**Tags**
197919, 3

**Learning Outcome**
In the target language, write

in the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197920, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## NAVAJ 102 - First-Year Language Study: Navajo

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NAVAJ | 102 |

**Teaching Area**
NAVAJ
**Course Title**
First-Year Language Study: Navajo
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Navajo.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## NAVAJ 201 - Second-Year Language Study: Navajo

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NAVAJ | 201 |

**Teaching Area**
NAVAJ
**Course Title**
Second-Year Language Study: Navajo
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Navajo.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

**Complete ALL of the following Courses:**

- NAVAJ 101 - First-Year Language Study: Navajo

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 197913, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 197914, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 197915, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 197916, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

- NAVAJ 102 - First-Year Language Study: Navajo

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197875, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197876, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197877, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 197878, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## NAVAJ 202 - Second-Year Language Study: Navajo

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| NAVAJ | 202 |

**Teaching Area**
NAVAJ
**Course Title**
Second-Year Language Study: Navajo
**Course Description**
Continued emphasis on Navajo communication skills, vocabulary

## NAVAJ 305 - Language Skills Development: Navajo

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| NAVAJ | 305 |

**Teaching Area**
NAVAJ
**Course Title**
Language Skills Development: Navajo
**Course Description**
Increasing proficiency in one or more of the following Navajo language

building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NAVAJ 201 - Second-Year Language Study: Navajo

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197909, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197910, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and

and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197906, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197907, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197908, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

intermediate level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197911, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197912, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## NAVAJ 321 - Advanced Grammar: Navajo

### Course Information

**Teaching Area (new)**
NAVAJ
**Course Number**
321
**Teaching Area**
NAVAJ
**Course Title**
Advanced Grammar: Navajo
**Course Description**
Systematic review of grammar and syntax of Navajo.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**

## NAVAJ 330 - Advanced Language Proficiency Through Cultural Studies: Navajo

### Course Information

**Teaching Area (new)**
NAVAJ
**Course Number**
330
**Teaching Area**
NAVAJ
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Navajo
**Course Description**
Study of Navajo culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- NAVAJ 202 - Second-Year Language Study: Navajo

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197903, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197904, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 197905, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Other Prerequisites**
Navaj 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197899, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197900, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197901, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197902, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## NAVAJ 340 - Introduction to Literature: Navajo

### Course Information

Teaching Area (new)
NAVAJ

Course Number
340

Teaching Area
NAVAJ

Course Title
Introduction to Literature: Navajo

Course Description
Advanced study of Navajo literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NAVAJ 330 - Advanced Language Proficiency Through Cultural Studies: Navajo

Additional Comments:

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|

## NAVAJ 350 - Advanced Language Study for Career Purposes: Navajo

### Course Information

Teaching Area (new)
NAVAJ

Course Number
350

Teaching Area
NAVAJ

Course Title
Advanced Language Study for Career Purposes: Navajo

Course Description
Concentration on Navajo language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NAVAJ 330 - Advanced Language Proficiency Through Cultural Studies: Navajo

Additional Comments:

| Title | Tags |
|---|---|
| Defined Career Purposes | 197890, 1 |

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 197895, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 197896, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 197897, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197898, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 197891, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197892, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197893, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197894, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## NDFS 100 - Essentials of Human Nutrition

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 100 |

## NDFS 150 - Foods: Choices, Issues, and Trends

### Course Information

NDFS 100
Teaching Area
NDFS
Course Title
Essentials of Human Nutrition
Course Description
Food-oriented study of nutritional facts and principles as a basis for dietary choices; consequences of choices; scientifically examining controversial topics.
Department
Nutritn,Dietetcs,&Fd Sci
When Taught
All Semesters/Terms

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Nutrients | 202080, 1 |

Learning Outcome
Identify functions of nutrients and their major food sources.

| Title | Tags |
| --- | --- |
| Applications | 202081, 2 |

Learning Outcome
Identify, interpret, and apply nutrition information.

| Title | Tags |
| --- | --- |
| Scientific Method | 202082, 3 |

Learning Outcome
Apply the scientific method to identify and interpret credible nutrition information.

Teaching Area (new) Course Number
NDFS 150
Teaching Area
NDFS
Course Title
Foods: Choices, Issues, and Trends
Course Description
Comprehensive discussion of nutrition and health, food composition and function, food microbiology and safety, food processing and preservation, and the role consumers and the public play in the food market. Current issues related to a dynamic and competitive food arena (e.g. genetic engineering, gluten free eating, organic foods, pesticides, fortification, etc.).
Department
Nutritn,Dietetcs,&Fd Sci
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Linking Course Outcomes to GE Outcomes | 202463, 0, 4 |

**Learning Outcome**

GE Learning Outcomes for Scientific Principles and Reasoning: Biological, Physical, and Social Science

Demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process.
Appreciate the excitement of discovery that has accompanied important scientific developments.
Demonstrate how scientific methodology can be used to analyze real-world science-related problems.
Evaluate scientific data and claims in order to make rational decisions on public-policy science issues that affect their community.
Express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data.
Reflect rationally upon the interface between science and religion.

Connected GE Learning Outcome

Scientific Principles and Reasoning

Course Outcome

Measured/Met By:

2, 3, 4, 5

Identify function of nutrients and their major food sources.

Assignment: Dietary Analysis
Class discussion

Class discussion
iClicker questions
Exam Reviews
Exam questions

1, 2, 3, 4, 5

Identify, interpret, and apply nutrition information.

Assignment: Dietary Analysis
Assignment: Plan and Prepare a Meal
Assignment: Weight Loss Diets Paper
Class discussion
iClicker questions
Exam Reviews
Exam questions

1, 2, 3, 4, 5, 6

Apply the scientific method to identify and interpret credible nutrition information.

Assignment: Dietary Analysis
Class discussion
iClicker questions
Exam Reviews
Exam questions

## NDFS 175 - Introduction to Food Science

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
175

**Teaching Area**
NDFS

**Course Title**
Introduction to Food Science

**Course Description**
Overview of food science principles of engineering, biology and physical sciences related to the processing, preservation and understanding of food production. Chemical nature of foods, food additives and food safety from the perspective of family and consumer science educators.

**Department**
Nutritn,Dietetcs,&Fd Sci

## NDFS 191 - Careers in Food Science

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
191

**Teaching Area**
NDFS

**Course Title**
Careers in Food Science

**Course Description**
Guest lectures and exposure to vocations in food science.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Fall and Winter

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Note
Enrollment limited to freshmen, sophomores, and juniors.

| Title | Tags |
| --- | --- |
| Career Preparation | 202286, 0, 2 |

Learning Outcome
Create a portfolio that includes a resume, a compilation of networking contacts, and a sample cover letter of introduction.
For Food Science majors, instructors of subsequent courses in the major will recommend students add major projects, reports, and assignments to their portfolio during their BYU experiences on and off campus.

| Title | Tags |
| --- | --- |
| Food Science Major | 202287, 0, 1 |

Learning Outcome
Become familiar with opportunities in Food Science; Assess and investigate it as the College of Life Sciences major program best suited for you.
Engage with professionals serving in a variety of roles in modern food systems.

## NDFS 194 - Nutrition Research Fundamentals

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 194 |

## NDFS 200 - Nutrient Metabolism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 200 |

Teaching Area
NDFS

Teaching Area
NDFS
Course Title
Nutrition Research Fundamentals
Course Description
Design of protocols for and ethics of research with human subjects and animals. Scientific literature searches and presentations.
Department
Nutritn,Dietetcs,&Fd Sci
When Taught
Fall and Winter

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
3

Note
Recommended during freshman year.

| Title | Tags |
|---|---|
| Nutrition Experimental Design | 202087, 1 |

Learning Outcome

Design a nutrition research experiment using metholdology employed by NDFS faculty and/or that found in peer reviewed nutritional research papers.

| Title | Tags |
|---|---|
| Lab and Research Safety Training | 202088, 0, 2 |

Learning Outcome

Pass the Institutional Review Board (IRB) CITI training, participate in lab and research specific safety training.

Course Title
Nutrient Metabolism
Course Description
Chemical structures of nutrients, their food sources, requirements, digestion, absorption, transport, metabolism, functions, storage and excretion; metabolic consequences of nutrient deficiencies, interactions, imbalances, and toxicities.
Department
Nutritn,Dietetcs,&Fd Sci
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 101 - Introductory General Chemistry
  **AND** NDFS 100 - Essentials of Human Nutrition

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** NDFS 100 - Essentials of Human Nutrition

**Additional Comments:**

Other Prerequisites
Concurrent enrollment in Chem 285 or 351.

| Title | Tags |
|---|---|
| Chemical Structure | 202083, 1 |

Learning Outcome
Identify chemical structures of amino acids, lipids, carbohydrates, and vitamins

carbohydrates, and vitamins.

| Title | Tags |
| --- | --- |
| Deficiencies and Toxicities | 202084, 2 |

**Learning Outcome**
List functions, food sources, and consequences of deficiencies and toxicities for each of the essential nutrients.

| Title | Tags |
| --- | --- |
| Consequences of Dietary Practices | 202085, 3 |

**Learning Outcome**
Explain the metabolic and physiological basis for the consequences of dietary practices that affect nutrient levels, and relate the consequences to the roles of essential nutrients in metabolic processes.

| Title | Tags |
| --- | --- |
| Diet Analysis | 202086, 4 |

**Learning Outcome**
Analyze diets and alter food intake to reach predetermined targets for consumption of specific dietary components or to achieve an overall dietary pattern.

| Title | Tags |
| --- | --- |
| Original Research and Peer-Reviewed Scientific Journal | 202281, 5 |

**Learning Outcome**
Analyze the primary nutrition literature and identify statistically and biologically significant data.

## NDFS 201 - Society, Nutrition, and Chronic Disease

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 201 |

**Teaching Area**
NDFS
**Course Title**
Society, Nutrition, and Chronic Disease
**Course Description**

## NDFS 237 - Introduction to Culinary Arts

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 237 |

**Teaching Area**
NDFS
**Course Title**
Introduction to Culinary Arts
**Course Description**
Introduction to culinary arts. Emphasis on basic skills including: knife

This course examines societal, environmental, and individual factors that influence nutrition, chronic disease and leading causes of mortality, and the relationship between chronic disease and dietary patterns in the United States. The course content is primarily based in pertinent scientific literature.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NDFS 100 - Essentials of Human Nutrition

**Additional Comments:**

| Title | Tags |
|---|---|
| Understand: | 202294, 1 |

**Learning Outcome**
Explain or describe how behavioral, dietary, and environmental factors influence nutrition and chronic disease risks.

| Title | Tags |
|---|---|
| Find/Evaluate: | 202295, 2 |

**Learning Outcome**
Find scientific research articles and identify their key characteristics. Identify consistencies or inconsistencies in studies of diet and chronic disease risks.

skills; plate design and presentation; stocks and sauces; cooking methods for, meats, eggs, fruits, vegetables, grains, and pasta; hors d'oeuvres; breads, baking, and pastry.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
3

| Title | Tags |
|---|---|
| Knife Skills | 202393, 1 |

**Learning Outcome**
Demonstrate competence in knife safety as well as proper use of knives to fabricate several specific knife cuts

| Title | Tags |
|---|---|
| Stocks | 202394, 2 |

**Learning Outcome**
Explain the principles of making different types of stocks

| Title | Tags |
|---|---|
| Sauces | 202395, 3 |

**Learning Outcome**
Describe the five mother sauces including preparation methods and uses for each

| Title | Tags |
|---|---|
| Cooking Methods | 202396, 4 |

**Learning Outcome**
Identify moist and dry heat cooking methods and applications of each
Apply a variety of cooking

| Title | Tags |
| --- | --- |
| Apply: | 202296, 3 |

**Learning Outcome**
Apply information about behavioral, dietary, and environmental factors to reduce chronic disease risks.

| Title | Tags |
| --- | --- |
| [illegible] | |

**Learning Outcome**
methods to proteins, vegetables, and starches

| Title | Tags |
| --- | --- |
| Egg Cookery | 202397, 5 |

**Learning Outcome**
Demonstrate competence in cooking eggs to order

| Title | Tags |
| --- | --- |
| Baking and Pastry | 202398, 6 |

**Learning Outcome**
Discuss basic principles of bakery and pastry including production of yeast breads, quick breads, cakes, cookies, and pastry

| Title | Tags |
| --- | --- |
| Plating and Design | 202399, 7 |

**Learning Outcome**
Demonstrate effective plating and design techniques

## NDFS 250 - Essentials of Food Science

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 250 |

**Teaching Area**
NDFS
**Course Title**
Essentials of Food Science
**Course Description**
Overview of food science, including chemical, physical and microbiological principles related to food processing, storage, and utilization. Current issues in food science.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

## NDFS 251 - Essentials of Food Science Laboratory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 251 |

**Teaching Area**
NDFS
**Course Title**
Essentials of Food Science Laboratory
**Course Description**
Laboratory experience in the chemistry of changes occurring during food processing, storage, and utilization.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 101 - Introductory General Chemistry

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

**Additional Comments:**

Other Prerequisites
concurrent enrollment in NDFS 251
Note
This class should be taken concurrently with NDFS 251.

| Title | Tags |
|---|---|
| Current Food Science Topics in the News | 202176, 2 |

Learning Outcome
Recognize (distinguish) current topics in the news and in lay literature as being related to Food Science and Technology

| Title | Tags |
|---|---|
| Topics in Scientific Literature | 202183, 4 |

Learning Outcome
Obtain further information on Food Science topics through library research of the scientific literature

| Title | Tags |
|---|---|
| Consumer Concerns | 202207, 3 |

Learning Outcome
Evaluate the scientific validity of various consumer concerns regarding food production, preservation, and storage

Fixed
0

### Lab Hours

Fixed
3

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 101 - Introductory General Chemistry

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

**Additional Comments:**

Other Prerequisites
Concurrent enrollment in NDFS 250
Note
This class should be taken concurrently with NDFS 250.

| Title | Tags |
|---|---|
| Collaborative Laboratory Experiments | 202103, 3 |

Learning Outcome
Develop the ability to work in teams to carry out laboratory experiments

| Title | Tags |
|---|---|
| Critical thinking skills | 202277, 2 |

Learning Outcome
Apply critical thinking skills to solve food related questions and problems

| Title | Tags |
|---|---|
| Food Chemistry Reactions | 202278, 1 |

Learning Outcome
Explain the basic chemistry involved in ripening, processing, and storing food

| Title | Tags |
| --- | --- |
| Food Science in your Major | 202219, 5 |

**Learning Outcome**
Explain how Food Science knowledge applies to your major field of study, and make the connection between what you're learning and what you plan to do after graduation

| Title | Tags |
| --- | --- |
| Food Safety and Quality | 202220, 7 |

**Learning Outcome**
Determine your level of confidence in the safety and quality of the food available to you, having gained an understanding of what happens to food between farm gate and dinner plate

| Title | Tags |
| --- | --- |
| Concepts and Principles | 202102, 0, 1 |

**Learning Outcome**
Explain the basic concepts and principles of Food Science

| Title | Tags |
| --- | --- |
| Problem Solving | 202101, 0, 6 |

**Learning Outcome**
Solve Food Science related problems based on basic tenants of food chemistry, microbiology, processing, and packaging.

## NDFS 290 - Introduction to Dietetics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 290 |

**Teaching Area**
NDFS
**Course Title**
Introduction to Dietetics
**Course Description**
The profession of dietetics; exposure to specialty areas through guest lectures.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Fall

## NDFS 292R - Fieldwork in Dietetics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 292R |

**Teaching Area**
NDFS
**Course Title**
Fieldwork in Dietetics
**Course Description**
Fieldwork for international students.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
All Semesters/Terms

**Credit Hours**

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
How to become a Registered Dietitian Nutritionist

**Tags**
202123, 1

**Learning Outcome**
Understand how to become a Registered Dietitian Nutritionist, including:
Educational requirements and various routes to completion.
Requirements for acceptance to the Didactic Program in Dietetics at BYU.
Requirements for acceptance to a Dietetic Internship.
Requirements for eligibility for Registration by the Commission on Dietetic Registration (CDR)
Requirements for maintenance of continuing CDR Registration.

**Title**
Defining a Professional

**Tags**
202124, 3

**Learning Outcome**
Understand what it means to be a professional.

**Title**
Future Job Opportunities

**Tags**
202125, 6

**Learning Outcome**
Identify what future job opportunities are predicted in the profession of dietetics.

**Title**
Defining a Registered Dietitian Nutritionist

**Tags**
202126, 2

### Credit Hours

**Min**
0.5

**Fixed**
2

**Title**
Gain skills through fieldwork

**Tags**
202197, 0

**Learning Outcome**
Students will demonstrate professional attributes such as customer focus, critical thinking, and time management and work prioritization while developing dietetics-related skills within various organizational structures.

Learning Outcome
Understand what a Registered Dietitian Nutritionist is.

Title
Exposure to Registered Dietitian Nutritionist Jobs

Tags
202127, 4

Learning Outcome
Have exposure to a variety of jobs currently held by Registered Dietitian Nutritionists.

Title
Your Dietetic Area of Interest

Tags
202128, 5

Learning Outcome
Identify which area of dietetics is personally most appealing

## NDFS 300 - Medical Nutrition Therapy 1

### Course Information

Teaching Area (new)
NDFS

Course Number
300

Teaching Area
NDFS

Course Title
Medical Nutrition Therapy 1

Course Description
Nutritional assessment and medical nutrition therapy across disease states.

Department
Nutritn,Dietetcs,&Fd Sci

When Taught
Fall

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

## NDFS 305 - Nutritional Implications of Disease

### Course Information

Teaching Area (new)
NDFS

Course Number
305

Teaching Area
NDFS

Course Title
Nutritional Implications of Disease

Course Description
Nutritional assessment and medical nutrition therapy across disease states.

Department
Nutritn,Dietetcs,&Fd Sci

When Taught
Winter

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
4

### Lab Hours

Fixed

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CELL 220 - Human Anatomy (with lab)
  **AND** CELL 305 - Human Physiology
  **AND** NDFS 200 - Nutrient Metabolism

**Additional Comments:**

| Title | Tags |
|---|---|
| Nutrition Care Process | 202439, 0, 1 |

**Learning Outcome**
Apply the four steps of the nutrition care process for nutrition education and medical nutrition therapy for persons with eating disorders, obesity, cardiovascular disease, diabetes, renal disease, pulmonary disease, and cancer.

| Title | Tags |
|---|---|
| Evidence-Based Practice | 202438, 0, 3 |

**Learning Outcome**
Evaluate and implement current evidence-based nutrition education and medical nutrition therapy for eating disorders, obesity, cardiovascular disease, diabetes, renal disease, pulmonary disease, and cancer.

| Title | Tags |
|---|---|
| Nutrition Assessment | 202432, 0, 2 |

**Learning Outcome**
Perform nutrition assessment (food-nutrition related history, anthropometrics, biochemical data, nutrition-focused physical exam, and client history) for persons with eating disorders, obesity, cardiovascular disease, diabetes, renal disease, pulmonary disease, and cancer.

| Title | Tags |
|---|---|
| Malnutrition | 212029, 0, 4 |

**Learning Outcome**
Identify and document malnutrition (under and over-nutrition).

0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CELL 305 - Human Physiology
  **AND** NDFS 200 - Nutrient Metabolism

**Additional Comments:**

**Note**
For nutritional science majors.

| Title | Tags |
|---|---|
| Nutritional Assessment and Intervention | 202282, 1 |

**Learning Outcome**
Apply principles of nutrition assessment and evidence-based nutrition intervention to clinical diseases and conditions.

| Title | Tags |
|---|---|
| Evidence-Based Practice | 202283, 7 |

**Learning Outcome**
Analyze and interpret nutrition research related to prevention and treatment of various clinical diseases and conditions.

| Title | Tags |
|---|---|
| Pathophysiology | 202284, 3 |

**Learning Outcome**
Analyze the pathophysiology of nutrition-related diseases and conditions and evaluate the role of medical nutrition therapy.

| Title | Tags |
| --- | --- |
| Core Knowledge for the RDN | 202441, 0, 5 |

**Learning Outcome**
2022 ACEND Knowledge Requirements and Course Learning Outcomes

ACEND Knowledge

NDFS 300 Course Learning Outcomes

How objective is met/ measured

KRDN 1.3, 2.1, 2.5, 3.1, 3.3

Nutrition Care Process

Assignments: medical terminology quizzes, heart-healthy diet, diabetic meal plan, modified potassium diet, diabetes/cardiovascular disease case studies chart note, and oral, and renal/oncology disease case studies chart note and oral, nutrition care process reference (eating disorder, bariatric surgery, cardiovascular disease, diabetes, renal, pulmonary, oncology)

KRDN 1.3, 2.1, 3.1

Nutrition Assessment

Assignments: 24-hour dietary recall, dietary analysis, math practice, diabetes/cardiovascular disease case studies chart note, and oral, and renal/oncology disease case studies chart note and oral, nutrition care process reference (eating disorder, bariatric surgery, cardiovascular disease, diabetes, renal, pulmonary, oncology)

Exams: 1, 2, 3, Final

KRDN 1.1, 1.2, 1.3, 2.1, 2.9, 3.1, 3.3, 3.6

Evidence-Based Practice

Assignments: Malnutrition, bariatric surgery, and pulmonary disease learning assessments; journal club; diet debate; heart healthy diet, diabetic meal plan, and modified-potassium diet; diabetes exchange list quiz, diabetes/cardiovascular disease case studies chart note and oral, and renal/oncology disease case studies chart note and oral, nutrition care process reference (eating disorder, bariatric surgery, cardiovascular disease, diabetes, renal, pulmonary, oncology)
Exams: 1, 2, 3, Final

KRDN 1.3, 3.1

Malnutrition

Assignments: Malnutrition Learning Assessment, Math practice
Exams: 1, 2, 3, Final

## NDFS 310 - Nutrition and Metabolism in Sports and Exercise

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| NDFS | 310 |

**Teaching Area**
NDFS
**Course Title**
Nutrition and Metabolism in Sports and Exercise
**Course Description**
Scientific basis for the role of nutrition in human performance. Critical evaluation of popular practices; making optimal food choices for

## NDFS 333 - Nutrition and Genes

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| NDFS | 333 |

**Teaching Area**
NDFS
**Course Title**
Nutrition and Genes
**Course Description**
Use of primary literature to discuss the effect of food on an individual's genome and the effect of genetics on food metabolism and dietary health outcomes.

evaluation of popular practices; making optimal food choices for physical activity.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CELL 305 - Human Physiology
  **AND** NDFS 100 - Essentials of Human Nutrition

**Additional Comments:**

**Note**
This course was formerly named Sports Nutrition.

| Title | Tags |
| --- | --- |
| Nutrition and Physical Performance | 202467, 1 |

**Learning Outcome**
Students will apply their current understanding of nutrition to aspects of physical performance. Describe the factors (exercise intensity, duration, substrate availability and endocrine) that affect energy utilization.

| Title | Tags |
| --- | --- |
| Scientific Research and Evaluation | 202468, 2 |

**Learning Outcome**
Search, interpret, and summarize original scientific information. Evaluate

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- MMBIO 240 - Molecular Biology
  **AND** NDFS 200 - Nutrient Metabolism

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Nutrigenomics | 214225, 0, 1, 2023-08-29 11:38:10 |

**Learning Outcome**
Students will be able to evaluate the impact of food on gene expression.

| Title | Tags |
| --- | --- |
| Nutrigenetics | 214226, 0, 2, 2023-08-29 11:38:12 |

**Learning Outcome**
Students will be able to evaluate physiological, biochemical and metabolic changes associated with genetic diversity.

| Title | Tags |
| --- | --- |
| Scientific writing | 214227, 0, 3, 2023-08-29 11:38:15 |

**Learning Outcome**
Students will demonstrate ability to search, interpret, and summarize original scientific information in an efficiently written scientific paper.

nutritional claims for scientific accuracy.

**Title**
Nutrition Recommendations for Physical Activity

**Tags**
202469, 3

**Learning Outcome**
Apply evidence-based nutrition recommendations for sports and exercise in real or hypothetical situations.

**Title**
Experimental design

**Tags**
214228, 0, 4, 2023-08-29 11:38:17

**Learning Outcome**
Students will demonstrate the ability to design experiments to determine nutrigenetic and nutrigenomic outcomes

## NDFS 350 - Food Analysis

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
350

**Teaching Area**
NDFS

**Course Title**
Food Analysis

**Course Description**
Principles, methods and techniques of qualitative and quantitative physical, chemical, and biological analysis of food and food ingredients.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites

## NDFS 355 - Food Process Engineering

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
355

**Teaching Area**
NDFS

**Course Title**
Food Process Engineering

**Course Description**
Mass and energy balances, thermodynamics, fluid flow, heat and mass transfer; unit operations in food processing, including thermal processing, refrigeration, freezing, and packaging.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 285 - Introductory Bio-organic Chemistry
  **AND** NDFS 250 - Essentials of Food Science
  **AND** NDFS 251 - Essentials of Food Science Laboratory

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 352 - Organic Chemistry 2
  **AND** NDFS 250 - Essentials of Food Science
  **AND** NDFS 251 - Essentials of Food Science Laboratory

**Additional Comments:**

**Title**
Demonstrate Laboratory Techniques

**Tags**
202105, 0, 3

**Learning Outcome**
Demonstrate practical proficiency in using laboratory techniques common to basic and applied food chemistry, quality assurance, and other food analyses.

**Title**
Select Appropriate Techniques

**Tags**
202206, 0, 2

**Learning Outcome**
Evaluate and select the appropriate analytical technique when presented with a practical problem

**Title**
Prepare Written and Oral Reports

**Tags**
202104, 0, 5

**Learning Outcome**
Prepare a written report and brief oral presentation covering the quality assurance tests required for the analysis of raw ingredients, intermediate products and final product of a food commodity having a standard of identity.

**Title**
Analyze Data using Statistics

**Tags**
211185, 0, 4

**Learning Outcome**
Use statistical principles to appropriately collect and analyze data, and construct visual representation of data.

**Title**

**Tags**

Prerequisites

**Complete ALL of the following Courses:**

- MATH 112 - Calculus 1
  **AND** PHSCS 105 - General Physics 1

Prerequisites

**Complete ALL of the following Courses:**

- 
  **AND** PHSCS 105 - General Physics 1

**Additional Comments:**

**Other Prerequisites**
Food Science majors only.

**Title**
Transport Processes and Unit Operations

**Tags**
202222, 0, 1

**Learning Outcome**
Solve fluid flow problems to determine flow rate variables and pump requirements.
Assess fluid type and processing requirements to determine appropriate pump type.

**Title**
Mass and Energy Balances

**Tags**
202223, 0, 2

**Learning Outcome**
Calculate the effectiveness and amount of heat exchanged in tubular and plate heat exchangers under various flow conditions.
Calculate the amount of heat recovered in the regeneration section of a HTST pasteurizer under various flow conditions.
Determine the ideal conditions for heat transfer.

**Title**
Mass and Energy Balances 2

**Tags**
202224, 0, 3

**Learning Outcome**
Calculate the coefficient of performance for refrigeration cycles and make a judgment as to which refrigerant is appropriate for a hypothetical application.

**Title**
Mass and Energy Balances 3

**Tags**
202225, 0, 4

**Learning Outcome**
Calculate the amount of steam needed to achieve a hypothetical heating operation

| Title | Tags |
| --- | --- |
| Explain Analytical Techniques | 202177, 0, 1 |

**Learning Outcome**
Explain the principles behind food analytical techniques (primarily chemical and physical rather than microbiological or sensory).

heating operation.

| Title | Tags |
| --- | --- |
| Unit Operations | 202226, 0, 5 |

**Learning Outcome**
Describe how various unit operations work individually and together.

| Title | Tags |
| --- | --- |
| Quality and Safety | 202229, 0, 6 |

**Learning Outcome**
Explain the function and operation of various processes and their controls that maximize food safety and processing efficiency while preserving food quality.
Determine thermal processing times.

| Title | Tags |
| --- | --- |
| Packaging | 202227, 0, 7 |

**Learning Outcome**
Know the chemistry and barrier properties of commonly used packaging types, including polymers.

| Title | Tags |
| --- | --- |
| Packaging 2 | 202228, 0, 8 |

**Learning Outcome**
Know the functions of a packaging-type and be able to determine what functions the package is performing.

## NDFS 356 - Medical Nutrition Therapy 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 356 |

**Teaching Area**
NDFS
**Course Title**
Medical Nutrition Therapy 2
**Course Description**
Medical nutrition therapy across disease states; continuation of NDFS 300.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**

## NDFS 361 - Food Microbiology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 361 |

**Teaching Area**
NDFS
**Course Title**
Food Microbiology
**Course Description**
Pathogenic and spoilage microorganisms in foods and their control. Beneficial microorganisms in food systems. Influence of the food system on growth and survival of microorganisms.
**Department**
Nutritn,Dietetcs,&Fd Sci

Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NDFS 300 - Medical Nutrition Therapy 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Nutritional Health Risks | 202155, 14 |

**Learning Outcome**
Assessment and treatment of nutritional health risks

| Title | Tags |
|---|---|
| Appropriate Medical Nutrition Therapy and Intervention | 202156, 15 |

**Learning Outcome**
Identify the appropriate medical nutrition therapy for specific disease states and provide the appropriate intervention, including calculating and defining diets

| Title | Tags |
|---|---|
| Pharmacology, Nutrient Metabolism, Physiology, Genetics, and | 202181, 20 |

**Learning Outcome**
Demonstrate understanding of pharmacology, nutrient

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MMBIO 221 - General Microbiology
  **AND** MMBIO 222 - General Microbiology Laboratory

**Additional Comments:**

| Title | Tags |
|---|---|
| Microbial Safety of a Common Food Product | 202464, 0, 5 |

**Learning Outcome**
Design and carry out a laboratory experiment to evaluate the microbial safety of a common food product or process

| Title | Tags |
|---|---|
| Spoilage Microorganisms | 202168, 0, 4 |

**Learning Outcome**
Classify spoilage microorganisms according to the food or foods they are most likely to affect based on the intrinsic and environmental characteristics of the food and compare to various storage methods to determine which method would be most appropriate for the given food product

metabolism, physiology, genetics and biochemistry

| Title | Tags |
| --- | --- |
| Nutrition Care Process | 202195, 18 |

**Learning Outcome**
Use the nutrition care process to make decisions, to identify nutrition-related problems and determine and evaluate nutrition interventions, including MNT, disease prevention and health promotion

| Title | Tags |
| --- | --- |
| Evidence Based Guidelines and Protocols | 202200, 17 |

**Learning Outcome**
Use current information technologies to locate and apply evidence based guidelines and protocols; (ADA evidence Analysis Library and the Cochrane Database of Systematic Reviews)

| Title | Tags |
| --- | --- |
| Professional Literature | 202201, 16 |

**Learning Outcome**
Interpret, evaluate and use professional literature to make ethical evidence-based practice decisions

| Title | Tags |
| --- | --- |
| Communication Skills | 202442, 1 |

**Learning Outcome**
Use oral and written communications in presenting an educational session for a group

| Title | Tags |
| --- | --- |
| Effective Team Member | 202443, 3 |

**Learning Outcome**
Work effectively as a team member

| Title | Tags |
| --- | --- |
| Public Speaking | 202444, 4 |

**Learning Outcome**

| Title | Tags |
| --- | --- |
| Laboratory Experiments | 202203, 0, 3 |

**Learning Outcome**
Carry out a series of laboratory experiments aimed at isolating and identifying common food borne microbial pathogens

| Title | Tags |
| --- | --- |
| Intrinsic and Environmental Aspects | 202159, 0, 2 |

**Learning Outcome**
Understand intrinsic and environmental aspects of foods and how they can be modified to affect the growth and metabolism of food borne microorganisms to include spoilage, pathogenic, and beneficial organisms.

| Title | Tags |
| --- | --- |
| Growth Requirements of Common Food Borne Pathogens | 202205, 0, 1 |

**Learning Outcome**
Understand the growth requirements of common food borne pathogens and spoilage microorganisms. Be able to attribute the characteristics of a food borne illness with unknown etiology to the most likely organism. Differentiate which organisms would be likely to grow in a specific food product.

Teach class members about a disease, and its medical and nutritional implications

| Title | Tags |
| --- | --- |
| Specific Dietetic Knowledge | 202445, 6 |

**Learning Outcome**
Knowledge of: exercise physiology, pathophysiology related to nutrition care, fluid and electrolyte requirements, pharmacology: nutrient-nutrient interaction.

| Title | Tags |
| --- | --- |
| Appropriate Documentation | 202447, 8 |

**Learning Outcome**
Appropriately document MNT in a professional format

| Title | Tags |
| --- | --- |
| Nutrient Composition of Foods | 202448, 9 |

**Learning Outcome**
Calculate and interpret nutrient composition of foods

| Title | Tags |
| --- | --- |
| Enteral and Parenteral Nutrition Formulations | 202450, 12 |

**Learning Outcome**
Calculate enteral and parenteral nutrition formulations

| Title | Tags |
| --- | --- |
| Diets for Health Conditions | 202449, 0, 11 |

**Learning Outcome**
Calculate and/or define diets for health conditions addressed by health promotion/disease (allergies, upper and lower gastrointestinal diseases, liver, pancreas, neuromuscular, thyroid, adrenal, rheumatoid, and bone health).

| Title | Tags |
| --- | --- |
| Medical Nutrition Terminology | 202446, 0, 7 |

**Learning Outcome**
Demsonstrated ability to interpret medical terminology, interpret laboratory parameters

related to nutrition

| Title | Tags |
| --- | --- |
| Core knowledge for the RDN | 202347, 0, 13 |

**Learning Outcome**
2022 ACEND Standards

Knowledge

NDFS 356 Course Learning Outcomes

How objective is met/measured

KRDN 1.1

Demonstrate how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions.

Case study; paper; exams; journal article assignment

KRDN 1.2

Select and use appropriate current information technologies to locate and apply evidence-based guidelines and protocols.

Case study,paper, Critical Care ASPEN Guidelines

KRDN 1.3

Apply critical thinking skills.

Homework, case study presentations, chart notes, exams

| | |
|---|---|
| KRDN 2.1<br><br>Demonstrate effective and professional oral and written communication and documentation. | Case study presentation and paper; chart notes |
| KRDN 2.4<br><br>Discuss the impact of health care policy and diffrent healthcare delivery systems on food and nutrition services. | Enteral and parenteral nutrition therapy coverage |
| KRDN 2.5<br><br>Identify and describe the work of interprofessional teams and the roles of others with whom the registered dietitian nutritionist collaborates. | Case study |
| KRDN 3.1<br><br>Use the Nutrition Care Process and clinical workflow elements to assess nutrition related problems, determine appropriate nutrition interventions, and develop plans to monitor the effectiveness of these interventions. | Case study; chart notes; exams; nutrition support assignments |

KRDN 3.2

Develop an education session or program/education strategy for a target population

Case study presentation

## NDFS 362 - Food Processing

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
362
**Teaching Area**
NDFS
**Course Title**
Food Processing
**Course Description**
Characteristics of raw food material; principles of food preservation and food processing techniques; packaging materials and methods related to meat, dairy, confections, fruits and vegetables, grain processing, and water and waste water management.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
5

**Other Prerequisites**
Food Science majors only.

## NDFS 363 - Food Processing 2

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
363
**Teaching Area**
NDFS
**Course Title**
Food Processing 2
**Course Description**
Characteristics of raw food material; principles of food preservation and food processing techniques; materials and methods related to dairy, fruits and vegetable, and confection processing.\n\n
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- NDFS 250 - Essentials of Food Science
  **AND** NDFS 251 - Essentials of Food Science Laboratory

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Plant-based Commodities | 209981, 0, 3 |

**Learning Outcome**
Compare and contrast plant-based commodities including yogurt and frozen dessert alternatives. Understand processing unit operations involved in production of non-dairy products. Know basic quality assessments and be introduced to best practices.

| Title | Tags |
| --- | --- |
| Animal-based Commodities | 209980, 0, 2 |

**Learning Outcome**
Apply knowledge of different animal species, breeds, and types to determine which are most appropriate for specific finished products (especially dairy products). Understand the processing operations in volved in converrting raw milk in to finished commodities such as cheese, yogurt, and formulated fluid milk). Know basic quality assessments and be introduced to best practices.

| Title | Tags |
| --- | --- |
| Novel / Nontraditional Food Processing | 209982, 0, 4 |

**Learning Outcome**
Learn about, develop a technology brief and present on a new food processing technology. Compare and contrast key requirements and advantages/disadvantages referring to traditional techniques.

| Title | Tags |
| --- | --- |
| Food Manufacturing Facilities | 209979, 0, 1 |

**Learning Outcome**
Apply knowledge of different food production facilities and their varieties to determine which are most appropriate for finished products. Understand

finished products. Understand the processing unit operations involved in coverting raw materials into finished products.

## NDFS 374 - Food Production Management

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
374

**Teaching Area**
NDFS

**Course Title**
Food Production Management

**Course Description**
Managing processes and techniques of quantity food production in commercial and institutional food systems.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Fall

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Dietetics major status

**Title**
Menu Planning for Institutional Feeding

**Tags**
202376, 0, 3

**Learning Outcome**
3. Demonstrate knowledge of principles of menu planning through creating an appropriate menu for institutional feeding to meet needs of target population. KRDN 3.6: Develop nutritionally sound meals, menus and meal plans that promote health and disease management and meet client's/patient's needs KRDN 4.6: Explain the processes

## NDFS 375 - Food Production Management Laboratory

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
375

**Teaching Area**
NDFS

**Course Title**
Food Production Management Laboratory

**Course Description**
The Food Production Management Laboratory, The Pendulum Court, is a small restaurant where dietetics students have rotations as manager, cook, baker, and in cold foods. The Pendulum Court is designed to give students experience in foodservice management.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
9

**Other Prerequisites**
NDFS 374 or concurrent enrollment

**Title**
Quantity Food Preparation Techniques and Food Science Knowle

**Tags**
202375, 0, 1

**Learning Outcome**
1. Apply appropriate quantity food preparation techniques and Food Science knowledge for soups, sauces, meat, poultry, fish, dairy foods, vegetables, fruits, salads, sandwiches, and baked goods

involved in delivering quality food and nutrition services.
Measured/Met by:
Quiz, Menu Planning Assignment, Menu Modification Assignment, Modified Consistency Assignment, Midterm and Final Exams

| Title | Tags |
| --- | --- |
| Foodservice Industry | 202373, 0, 1 |

Learning Outcome
1. Explain the foodservice industry in the context of a system and describe food consumption issues and trends for consumers.
KRDN 1.3: Apply critical thinking skills.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
Measured/Met by:
Make-Buy Assignment, Menu Assignment, Menu Modification Assignment, Modified Consistency Assignment, Financial Case Studies, ServSafe exam, Quiz, Midterm and Final Exams

| Title | Tags |
| --- | --- |
| Food Product Flow | 202374, 0, 2 |

Learning Outcome
2. Identify different paths of food product flow and understand the advantages and disadvantages of these operations.
KRDN 1.3: Apply critical thinking skills.
Measured/Met by:
Quiz, Make-buy Assignment, Midterm and Final Exams

| Title | Tags |
| --- | --- |
| Therapeutic Menus | 202382, 0, 4 |

Learning Outcome
4. Understand the importance of aesthetically pleasing therapeutic menus and apply knowledge to meet individual or group dietary needs. KRDN 3.6: Develop nutritionally sound meals, menus and meal plans that promote health and disease management and meet client's/patient's needs KRDN

goals.
KRDN 1.3: Apply critical thinking skills.
KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
Measured/Met By: Daily Performance Evaluations, Manager Evaluation, Worksheets, Exams

| Title | Tags |
| --- | --- |
| Quantity Food Production | 202377, 0, 2 |

Learning Outcome
2. Use appropriate controls in quantity food production.
KRDN 1.3: Apply critical thinking skills.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
Measured/Met By: ServSafe Certification, Worksheets, Daily Performance Evaluations, Exams

| Title | Tags |
| --- | --- |
| Safety and Sanitation Principles | 202391, 0, 3 |

Learning Outcome
3. Demonstrate use of appropriate safety and sanitation principles during food production and service to the customer.
KRDN 1.3: Apply critical thinking skills.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
KRDN 4.5: Apply safety and sanitation principles related to food, personnel and consumers.
Measured/Met By: ServSafe Certification, Daily Performance Evaluations, Worksheets, Exams

| Title | Tags |
| --- | --- |
| Foodservice Equipment | 202383, 0, 4 |

Learning Outcome
4. Demonstrate safe and appropriate use of and cleaning of foodservice equipment.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
KRDN 4.5: Apply safety and

4.6: Explain the processes involved in delivering quality food and nutrition services. Measured/Met by: Menu Planning Assignment, Menu Modification Assignment, Modified Consistency Assignment, Midterm and Final Exams

| Title | Tags |
| --- | --- |
| Standardized Recipes | 202378, 0, 5 |

**Learning Outcome**

5. Discuss need for standardized recipes and appropriately quantify recipes for volume food production. KRDN 1.3: Apply critical thinking skills. KRDN 3.6: Develop nutritionally sound meals, menus and meal plans that promote health and disease management and meet client's/patient's needs Measured/Met by: Quiz, Menu Planning Assignment, Midterm and Final Exams

| Title | Tags |
| --- | --- |
| Quantity Food Production Techniques, Terminology, and Equipm | 202379, 0, 6 |

**Learning Outcome**

6. Apply knowledge of quantity food production techniques, terminology, and equipment used for: soups, sauces, meat, poultry, fish, egg and dairy foods, vegetables, fruits, salads, sandwiches, and baked goods KRDN 1.3: Apply critical thinking skills. KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services. Measured/Met by: Quiz, Menu Planning Assignment, Modfied Consistency Assignment, Midterm & Final Exams

| Title | Tags |
| --- | --- |
| Food and Labor Costs | 202380, 0, 7 |

**Learning Outcome**

7. Accurately calculate food, labor, and inventory costs for financial accountability KRDN 1.3: Apply critical thinking skills. KRDN 4.2: Evaluate a budget/financial management

sanitation principles related to food, personnel and consumers. Measured/Met By: Daily Performance Evaluations

| Title | Tags |
| --- | --- |
| Presentation and Service of Food | 202385, 0, 5 |

**Learning Outcome**

5. Demonstrate effective presentation and service of food. KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services. Measured/Met By: Daily Performance Evaluations, Peer Evaluation, Worksheets, Exams

| Title | Tags |
| --- | --- |
| Team Work Skills | 202386, 0, 6 |

**Learning Outcome**

6. Students will work effectively as a team member as evidenced through good communication, appropriate assertiveness, and effective time management skills. KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation. KRDN 5.4 Practice resolving differences or dealing with conflict. KRDN 5.5 Promote team involvement and recognize the skills of each member. Measured/Met By: Daily Performance Evaluations, Peer Evaluations

| Title | Tags |
| --- | --- |
| Monitoring Tools for Quality Improvement | 202388, 0, 7 |

**Learning Outcome**

7. Use various monitoring tools to analyze data for continuous quality improvement. KRDN 1.3: Apply critical thinking skills. KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation. KRDN 4.2: Evaluate a budget/financial management plan and interpret financial

budget/financial management plan and interpret financial data. KRDN 4.7: Evaluate data to be used in decision-making for continuous quality improvement.
Measured/Met by: Quiz, Make/Buy Assignment, Financial Case Studies, Midterm and Final Exams

Title
Principles of Sanitation and Safety in Foodservice

Tags
202381, 0, 14

Learning Outcome
8. Students are able to apply the principles of sanitation and safety to foodservice, and recognize the impact on consumers after becoming ServSafe certified.
KRDN 1.3: Apply critical thinking skills.
KRDN 4.5: Apply safety and sanitation principles related to food, personnel and consumers.
Measured/Met by:
Quiz, ServSafe Certification, ServSafe Allergy Certification, Food Handling Observation Assignment, Midterm and Final Exams

Title
Understand the importance of allergens in quantity food production

Tags
202389, 0, 17

Learning Outcome
9. Apply understanding of allergens in the context of a foodservice operation.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
KRDN 4.5: Apply safety and sanitation principles related to food, personnel and consumers.
Measured/Met by:
Quiz, ServSafe Allergy Certification (optional), Midterm and Final Exams

Title
2022 Standards Core Knowledge for the RDN

Tags
202392, 0, 18

Learning Outcome
Accreditation Council for Education in Nutritional Dietetics Core Knowledge for the

data.
KRDN 4.7: Evaluate data to be used in decision-making for continuous quality improvement.
Measured/Met By:
Daily Performance Evaluations, Manager Worksheet, Manager Dollar Data, Exams

Title
Production Management Skills

Tags
202387, 0, 8

Learning Outcome
8. Demonstrate efficient and effective food production management skills ensuring that foodservice operation meets the needs of the customers.
KRDN 1.3: Apply critical thinking skills.
KRDN 5.6: Demonstrate an understanding of the importance and expectations of a professional in mentoring and precepting others.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
Measured/Met By:
Daily Performance Evaluations, Peer Evaluations, Manager Dollar Data, Evaluation of Intern Performance

Title
2022 Knowledge and Competency Statements for the RDN

Tags
202390, 0, 9

Learning Outcome
Accreditation Council for Education in Nutrition and Dietetics Core Knowledge for the RDN
2022 Standards

RDN
2022 Standards

## NDFS 380 - International Nutrition.

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
380
**Teaching Area**
NDFS
**Course Title**
International Nutrition.
**Course Description**
Causes and consequences of nutrient deficiencies common in developing countries. Appropriate interventions to prevent or treat malnutrition.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NDFS 100 - Essentials of Human Nutrition

**Additional Comments:**

**Title**
Undernutrition and Hunger in the Developing World
**Tags**
202090, 0, 1

**Learning Outcome**
Understand the breadth and

## NDFS 390R - Special Topics in Nutrition, Dietetics, and Food Science

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
390R
**Teaching Area**
NDFS
**Course Title**
Special Topics in Nutrition, Dietetics, and Food Science
**Course Description**
Various topics related to nutrition, dietetics, and/or food science.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Contact Department

### Credit Hours

**Min**
1
**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Multiple Subject Areas in Food and Nutrition
**Tags**
202279, 0

**Learning Outcome**
Various subjects are covered as tailored by the faculty member and student, including:
International Fieldwork in Nutrition: Observe and evaluate food and nutriton practices in an international setting.
Food Science College Bowl: Increase knowledge of food science and develop team skilss by preparing for and competing in the IFT College Bowl competition.
Food Design: Work with Industrial Design program on food-related projects involving food technology and design.

causes of undernutrition, poverty and hunger in the developing world.

| Title | Tags |
| --- | --- |
| Solutions for Undernourishment | 202091, 0, 3 |

**Learning Outcome**
Relate the nutritional status of undernourished children to their diets and suggest realistic solutions

| Title | Tags |
| --- | --- |
| Nutrient Deficiencies and Cognitive Development | 202089, 0, 2 |

**Learning Outcome**
Relate critical nutrient deficiencies to nutritional diseases and poor cognitive development

| Title | Tags |
| --- | --- |
| Humanitarian Opportunities | 211634, 0, 4 |

**Learning Outcome**
Become familiar with non-profit organizations and the humanitarian work they do around the world

## NDFS 399R - Academic Internship

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
399R

**Teaching Area**
NDFS

**Course Title**
Academic Internship

**Course Description**
Off-campus work experience sponsored by industrial, government, or academic institutions.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
Instructor's consent

**Note**
An APPROVED Internship Application is required before adding.

## NDFS 399R - Academic Internship in Food Science

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
399R

**Teaching Area**
NDFS

**Course Title**
Academic Internship in Food Science

**Course Description**
Off-campus work experience sponsored by industrial, government, or academic institutions.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
Instructor's consent.

**Note**
An APPROVED Internship Application is required before adding.

## NDFS 399R - Academic Internship in Dietetics

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
399R

**Teaching Area**
NDFS

**Course Title**
Academic Internship in Dietetics

**Course Description**
Off-campus work experience sponsored by industrial, government, or academic institutions.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
Instructor's consent.

**Note**
An APPROVED Internship Application is required before adding.

## NDFS 399R - Academic Internship in Nutritional Science

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
399R

**Teaching Area**
NDFS

**Course Title**
Academic Internship in Nutritional Science

**Course Description**
On- or off-campus work experience sponsored by industrial, government, or academic institutions.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
Instructor's consent.

**Note**
An APPROVED Internship Application is required before adding.

## NDFS 400 - Community Nutrition

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
400

**Teaching Area**
NDFS

**Course Title**
Community Nutrition

**Course Description**
Public health nutrition applied to community programs.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## NDFS 405 - Nutrition Assessment Lab

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
405

**Teaching Area**
NDFS

**Course Title**
Nutrition Assessment Lab

**Course Description**
Developing skill in anthropometric, biochemical, clinical, and dietary parameters of nutritional assessment.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**

3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- NDFS 200 - Nutrient Metabolism

Prerequisites

**Complete ALL of the following Courses:**
- NDFS 201 - Society, Nutrition, and Chronic Disease

**Additional Comments:**

| Title | Tags |
|---|---|
| Grant Proposal | 202092, 2 |

**Learning Outcome**
2. Effectively write a grant proposal that encompasses the basic elements of implementing community nutrition programs, including a needs assessment, program planning, implementation and evaluation, and budget preparation, and conduct the proposed project in a real-life community setting.

| Title | Tags |
|---|---|
| Oral and Written Communication | 202093, 3 |

**Learning Outcome**
3. Exhibit competent communication skills in both written and oral communication for lay and professional audiences in the performance of course assignments.

| Title | Tags |
|---|---|
| Nutrition Programs and Policies | 202285, 1 |

**Learning Outcome**
1. Describe various community nutrition programs, government health care programs, and policies aimed to enhance the

Fixed
0

## Lab Hours

**Fixed**
3

**Other Prerequisites**
NDFS 300 or concurrent enrollment & dietetics major status

| Title | Tags |
|---|---|
| Assessment Procedures | 202129, 2 |

**Learning Outcome**
Accurately perform and interpret assessment procedures (the first step in the nutrition care process) to identify nutrition-related problems.

| Title | Tags |
|---|---|
| Locate, Interpret, Evaluate and Use Professional Literature | 202130, 1 |

**Learning Outcome**
Demonstrate the ability to locate, interpret, evaluate and use professional literature in the process of nutritional assessment.

| Title | Tags |
|---|---|
| Safety Principles in Laboratory Procedures | 202131, 7 |

**Learning Outcome**
Apply safety principles in laboratory procedures regarding blood-borne pathogens and the disposal of biohazardous waste.

| Title | Tags |
|---|---|
| Core Knowledge for the RDN | 202348, 0, 5 |

**Learning Outcome**
2022 ACEND Standards

AND Knowledge Requirement/LO

NDFS 405 Course Learning Outcomes

Measured/Met by:

policies aimed to enhance the nutritional status and overall health of individuals in the US population.

KRDN 1.3

Apply critical thinking skills

Competency Sign-offs, Blood Pressure Certification, Lab Worksheets

KRDN 3.1

Use the Nutrition Care Process and clinical workflow elements to assess nutritional parameters, diagnose nutrition-related problems, determine appropriate nutrition interventions, and develop plans to monitor the effectiveness of these interventions.

Competency Sign-off, Lab Worksheets
Practicum

## NDFS 410 - Human Obesity

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
410
**Teaching Area**
NDFS
**Course Title**
Human Obesity
**Course Description**
Comprehensive examination of the trends, implications, treatment, and prevention of human obesity taught from the scientific, evidence-based literature.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Fall

### Credit Hours

**Min**
3

## NDFS 424 - Nutrition Through the Life Cycle

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
424
**Teaching Area**
NDFS
**Course Title**
Nutrition Through the Life Cycle
**Course Description**
Nutritional requirements, diet, and health concerns for pregnancy and lactation; infants; toddlers and preschoolers; school-age children; adolescents; and older adults.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NDFS 100 - Essentials of Human Nutrition
  **AND** NDFS 200 - Nutrient Metabolism

**Additional Comments:**

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CELL 220 - Human Anatomy (with lab)
  **AND** CELL 305 - Human Physiology
  **AND** NDFS 200 - Nutrient Metabolism

**Additional Comments:**

| Title | Tags |
|---|---|
| Child Nutrition Assessment | 202297, 7 |

**Learning Outcome**
3. Assess the nutritional status of a young child and provide appropriate recommendations for dietary improvement based on nutrient requirements during this life stage.

| Title | Tags |
|---|---|
| Pregnancy Nutrition Assessment | 202298, 4 |

**Learning Outcome**
2. Assess the nutritional status of a pregnant woman and provide appropriate recommendations for dietary improvement based on nutrient requirements during this life stage.

| Title | Tags |
|---|---|
| Older Adult Nutrition Assessment | 202299, 8 |

**Learning Outcome**
4. Assess and evaluate the nutritional status of an older adult.

| Title | Tags |
| --- | --- |
| Evidence-based Nutrient Requirements and Assessment | 202094, 0, 1 |

**Learning Outcome**

1. Demonstrate knowledge of evidence-based nutrient requirements (including the rationale for specific requirements throughout the life cycle) and nutritional status assessment methods used to determine diet adequacy among pregnant and lactating women; infants; children; adolescents; and older adults.

| Title | Tags |
| --- | --- |
| 2022 ACEND Standards | 212277, 0, 9 |

**Learning Outcome**

2022 ACEND Core Knowledge

Learning Outcome

Measured By

KRDN1.1

Evidence-based Nutrient Requirements and Assessment

Mid-term and Final Exams

KRDN3.2

Pregnancy Nutrition Assessment
Child Nutrition Assessment
Older Adult Assessment

Pregnancy Project, Well-Child Project, Older Adult Project

## NDFS 434 - Nutritional Bio-organic Chemistry

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
434

**Teaching Area**
NDFS

**Course Title**
Nutritional Bio-organic Chemistry

**Course Description**
Principles of organic chemistry and biochemistry relating to the function and structure of macronutrients, vitamins, and minerals.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CELL 305 - Human Physiology
  **AND** CHEM 285 - Introductory Bio-organic Chemistry
  **AND** NDFS 200 - Nutrient Metabolism

**Additional Comments:**

**Title**
Physiological and Biochemical Changes in the Body

**Tags**
202273, 4

**Learning Outcome**
Identify possible physiological and biochemical changes in the

## NDFS 435 - Nutritional Biochemistry and Metabolism

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
435

**Teaching Area**
NDFS

**Course Title**
Nutritional Biochemistry and Metabolism

**Course Description**
Biochemical and metabolic processes and interrelationships among nutrients.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- CELL 305 - Human Physiology
  **AND** CHEM 481 - Biochemistry.
  **AND** NDFS 200 - Nutrient Metabolism

Prerequisites

**Complete ALL of the following Courses:**
- CELL 305 - Human Physiology
  **AND** NDFS 200 - Nutrient Metabolism
  **AND** NDFS 434 - Nutritional Bio-organic Chemistry

body associated with deficient or excessive nutrient intakes.

| Title | Tags |
| --- | --- |
| Enzymatic Reactions | 202274, 5 |

**Learning Outcome**
Understand the role of enzyme kinetics, structure, and active sites in catalyzing biochemical reactions.

| Title | Tags |
| --- | --- |
| Scientific Research and Communications | 202344, 1 |

**Learning Outcome**
Demonstrate ability to search, interpret, and summarize original scientific information

| Title | Tags |
| --- | --- |
| Nutrient Chemical Structure and Metabolism | 202345, 2 |

**Learning Outcome**
Demonstrate knowledge of the chemical structure of nutrients, their food sources, the scientific basis for nutrition requirements, digestion, absorption, transport, metabolism and functions, and the metabolic consequences of nutrient deficiencies, interactions, imbalances and toxicities.

| Title | Tags |
| --- | --- |
| Biochemical Functions and Pathways | 202346, 3 |

**Learning Outcome**
Understand the biochemical functions and pathways of nutrients in the body.

| Title | Tags |
| --- | --- |
| Core Knowledge for the RND | 212308, 0, 6 |

**Learning Outcome**
2022 ACEND Standards

AND Knowledge Requirement/LO

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Nutrient Metabolism and Body Homeostasis | 202343, 5 |

**Learning Outcome**
Identify physiological, biochemical and metabolic changes associated with deficient nutrient intake, excessive nutrient intake and selected metabolic diseases.

| Title | Tags |
| --- | --- |
| Scientific Research and Writing | 202466, 0, 1 |

**Learning Outcome**
Demonstrate ability to search, interpret, and summarize original scientific information in an efficiently written scientific paper.

| Title | Tags |
| --- | --- |
| Nutrient Chemical Structure and Metabolism | 202340, 0, 2 |

**Learning Outcome**
Demonstrate knowledge of nutrient chemical structures, food sources, digestion, absorption, transport, metabolism and functions, and the metabolic consequences of nutrient deficiencies, interactions, imbalances and toxicities.

| Title | Tags |
| --- | --- |
| Experimental Design | 202341, 0, 3 |

**Learning Outcome**
Demonstrate knowledge of appropriate design for scientific experiments.

| Title | Tags |
| --- | --- |
| Biochemical Functions and Pathways | 202342, 0, 4 |

**Learning Outcome**
Understand the biochemical functions and pathways of nutrients in the body.

| NDFS 434 Course Learning Outcomes | Measured/Met by: |
| --- | --- |
| KRDN 1.1<br><br>Demonstrate how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions. | Macronutrient review paper and micronutrient presentation |
| KRDN 2.1<br><br>Demonstrate effective and professional oral and written communication and documentation. | Macronutrient review paper and micronutrient presentation |
| KRDN 3.5<br><br>Describe concepts of nutritional genomics and how they relate to medical nutrition therapy, health and disease. | Exam questions, genomics assignment |

## NDFS 440 - Nutrition Education and Counseling

### Course Information

## NDFS 445 - Foodservice Systems.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 445 |

Teaching Area (new)
NDFS
Course Number
440
Teaching Area
NDFS
Course Title
Nutrition Education and Counseling
Course Description
Learning theory; curriculum development and dissemination; nutrition counseling; for dietetics majors.
Department
Nutritn,Dietetcs,&Fd Sci
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
|---|---|
| Design Teaching Plans | 202318, 0, 2 |

Learning Outcome
Design teaching plans including objectives, concepts, and learning experiences appropriate for target audience.
KRDN 2022: 2.1, 2.6, 3.2, 3.3, 5.5

| Title | Tags |
|---|---|
| Educational and Visual Support Materials | 202319, 0, 5 |

Learning Outcome
Develop appropriate educational and visual support materials for individual or group instruction.
KRDN 2022: 2.1, 2.6, 3.2, 3.3, 5.5, 5.6

| Title | Tags |
|---|---|
| Education and Counseling Techniques | 202320, 0, 6 |

Learning Outcome
Demonstrate effective education and counseling techniques

Teaching Area
NDFS
Course Title
Foodservice Systems.
Course Description
Input, transformation, and output in the food service system; emphasizes procurement, production, service, and sanitation.
Department
Nutritn,Dietetcs,&Fd Sci
When Taught
Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- NDFS 374 - Food Production Management

**Additional Comments:**

| Title | Tags |
|---|---|
| Industry Trends | 202350, 0, 1 |

Learning Outcome
Analyze current societal, demographic, technological, and menu trends and topics in a variety of industry segments
KRDN 2022: 2.1, 2.6

| Title | Tags |
|---|---|
| Foodservice System Model | 202351, 0, 1 |

Learning Outcome
Analyze the foodservice system model and the relationship of each of its parts

and counseling techniques.
KRDN 2022: 2.1, 2.6, 3.2, 3.3, 5.5, 5.6

**Title**
Behavior Change Theories and Models

**Tags**
202321, 0, 7

**Learning Outcome**
Evaluate behavior change theories and models as part of nutrition interventions
KRDN 2022: 3.2, 3.3

**Title**
Evaluation Techniques

**Tags**
202322, 0, 9

**Learning Outcome**
Use formative and summative evaluation techniques for both self-assessment and learner assessment.
KRDN 2022: 2.1, 3.2, 5.5, 5.6

**Title**
Core Knowledge for the RDN

**Tags**
202323, 0, 10

**Learning Outcome**
2022 ACEND Standards

Core Knowledge for the RDN

Learning Outcome

Measured Met by

2.1, 2.6, 3.2, 3.3, 5.5, 5.6

Demonstrate effective education and counseling techniques.

Micro-teaching, teaching method, lesson plan, bulletin board, social media, handout, flip chart

3.2, 3.3

**Title**
Cultural Humility in Menu Planning

**Tags**
212967, 0, 10

**Learning Outcome**
Understand and apply concepts of cultural humility related to foodservice management and menu planning.
KRDN 2022 2.6, 3.6

**Title**
Systems Theory

**Tags**
202352, 0, 2

**Learning Outcome**
Understand and apply systems theory and knowledge of management functions to foodservice operations as well as other areas of the dietetic industry
KRDN 2022: 4.1, 4.6

**Title**
Procurement

**Tags**
202353, 0, 3

**Learning Outcome**
Discuss the procurement subsystem and the functions fo that subsystem including
- Vendors and vendor selection
- Methods of purchasing, receving, storage, and inventory control
- Understand specifications and value analysis and their use in purchasing
KRDN 2022: 2.5, 4.6

**Title**
Production

**Tags**
202354, 0, 4

**Learning Outcome**
Understand the food production subsystem and the functions of that subsystem

Understand and apply the use of forecasting models
Discuss planning, purchase and use of kitchen equipment
Discuss the purpose and use of an ingredient room and production schedules
Understand and apply principles of facility design and kitchen layout

KRDN 2022: 4.2, 4.6

Evaluate behavior change theories and models as part of nutrition interventions

Micro-teaching, teaching method, lesson plan, bulletin board, social media, handout, flip chart, exams

2.1, 2.6, 3.2, 3.3, 5.5, 5.6

Develop appropriate educational and visual support materials for individual and group instruction

Micro-teaching, teaching method, lesson plan, bulletin board, social media, handout, flip chart, exams, Harvard implicit, cultural knowledge, exams, copyright tutorial

2.1, 2.6, 3.2, 3.3, 5.5

,Design teaching plans including objectives, concepts, and learning experiences appropriate for target audience

Lesson Plans, Social Media Plan, Objective Assignment, Exam, Learning Styles Inventory, Harvard implicit, cultural knowledge

2.1, 3.2, 5.5, 5.6

Use formative and summative evaluation techniques for both self-assessment and learner assessment.

Verbal Non-verbal analysis, Exams, Lesson Plan, Harvard Implicit

| Title | Tags |
| --- | --- |
| Distribution and Service | 202355, 0, 5 |

**Learning Outcome**
Understand the distribution and service subsystem

Differentiate between delivery systems for various types of foodservices
Discuss pros and cons of methods of distribution
Define different types and methods of service

KRDN 2022: 2.4

| Title | Tags |
| --- | --- |
| Sanitation and Safety | 202356, 0, 6 |

**Learning Outcome**
Safety, Sanitation, and Maintenance Subsystem

Understand principles of safety and maintenance as they apply to foodservice systems

KRDN 2022: 4.5

| Title | Tags |
| --- | --- |
| Sustainability | 202357, 0, 7 |

**Learning Outcome**
Understand and apply principles of sustainability and how it applies to foodservice systems as well as other parts of the dietetics industry.

| Title | Tags |
| --- | --- |
| Marketing | 202358, 0, 8 |

**Learning Outcome**
Understand basic principles of marketing and apply them to a foodservice system

Discuss marketing of nutrition and self

KRDN 2022: 4.1

| Title | Tags |
| --- | --- |
| Foodservice System Interrelation | 202359, 0, 9 |

**Learning Outcome**
Critically evaluate and describe

each part of the foodservice
system indiviually and as a whole
and understand how they
interrelate with each other
KRDN 2022: 1.3, 2.1, 4.6

## NDFS 450 - Food Chemistry

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
450
**Teaching Area**
NDFS
**Course Title**
Food Chemistry
**Course Description**
Structure and properties of food components, including water, carbohydrates, protein, lipids, other nutrients, and food additives. Chemistry of changes occurring during processing, storage, and utilization.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 285 - Introductory Bio-organic Chemistry
  **AND** NDFS 250 - Essentials of Food Science
  **AND** NDFS 251 - Essentials of Food Science Laboratory

## NDFS 455 - Financial Management in Dietetics

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
455
**Teaching Area**
NDFS
**Course Title**
Financial Management in Dietetics
**Course Description**
Basic financial management principles focused on application to the dietetics industry. Topics include basic accounting, financial statements, financial ratios, financial control, productivity measures, menu pricing, menu engineering, billing and coding, and budgets and budgeting.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- NDFS 374 - Food Production Management
  **AND** NDFS 445 - Foodservice Systems.

**Additional Comments:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 352 - Organic Chemistry 2
  **AND** NDFS 250 - Essentials of Food Science
  **AND** NDFS 251 - Essentials of Food Science Laboratory

**Additional Comments:**

| Title | Tags |
|---|---|
| Chemistry of Food Components | 202108, 0, 1 |

**Learning Outcome**
Explain the chemistry underlying the properties and reactions of various food components that occur during food processing, storage, and utilization

| Title | Tags |
|---|---|
| Reactions Limiting Shelf Life | 202109, 0, 2 |

**Learning Outcome**
Discuss the major chemical reactions that limit the shelf life of foods

| Title | Tags |
|---|---|
| Applying Food Chemistry Principles | 209107, 0, 3 |

**Learning Outcome**
Apply food chemistry principles used to control reactions in foods

| Title | Tags |
|---|---|
| Analytical Approach to Problem Solving | 202106, 0, 4 |

**Learning Outcome**
Design an appropriate analytical approach to solve a practical problem

| Title | Tags |
|---|---|
| Information Resources and Research Proposal | 202107, 0, 5 |

**Learning Outcome**
Locate evidence-based scientific information resources and write a research proposal on a food chemistry topic, including objectives, literature review, experimental design and references

| Title | Tags |
|---|---|
| Menu Pricing | 202471, 2 |

**Learning Outcome**
Utilize menu pricing strategies including menu engineering to appropriately price and develop menus

| Title | Tags |
|---|---|
| Recipe Costing | 202472, 1 |

**Learning Outcome**
Demonstrate competency in recipe factoring and recipe costing

| Title | Tags |
|---|---|
| Financial Statements | 202473, 3 |

**Learning Outcome**
Interpret financial statements and financial ratios
KRDN 4.2

| Title | Tags |
|---|---|
| Billing and Coding | 202480, 8 |

**Learning Outcome**
Describe the regulation system related to billing and coding, what services are reimbursable by third party payers, and how reimbursement may be obtained
KRDN 2.4; 4.3

| Title | Tags |
|---|---|
| Budgeting | 202477, 0, 7 |

**Learning Outcome**
Evaluate and analyze different types of financial budgets
KRDN 1.3, 4.2

| Title | Tags |
|---|---|
| Learning Outcomes Table | 212167, 0, 9 |

**Learning Outcome**

*ACEND Knowledge Requirement

| By the conclusion of the course, students will: | Measured/Met by: |
| --- | --- |
| Demonstrate competency in recipe factoring and recipe costing | Recipe and Menu Pricing Assignment |
| Utilize menu pricing strategies including menu engineering to appropriately price and develop menus | Recipe and Menu Pricing Assignment |
| KRDN 4.2<br>Interpret financial statements and financial ratios | Financial statement assignment; Exams |
| KRDN 4.2<br>KRDN 1.3<br>KRDN 4.7<br>Calculate and interpret food, labor, and other cost ratios | Financial statement assignment; Exams |

| | | |
|---|---|---|
| | KRDN 4.2 | Apply basic methods of food, labor and other cost control. |
| | | Recipe cost sales assignment; Exam 1 |
| | KRDN 4.2<br>KRDN 1.3 | Calculate and interpret operational measures including breakeven points, productivity, and cost of goods sold |
| | | Cost volume profit assignment; exams |
| | KRDN 4.2 | Understand concepts related to payback period and net present value of equipment purchases |
| | | In class activities, |
| | KRDN 4.2 | Evaluate and analyze budgets of dietetics operations |
| | | Budget assignment |
| | KRDN 4.3; 2.4 | Describe the regulation system related to billing and coding, what services are reimbursable by third party payers, and how reimbursement may be obtained |

Billing and Coding worksheet

KRDN 4.2
KRDN 1.3

Analyze and evaluate different types of financial budgets

Budget assignment

| Title | Tags |
| --- | --- |
| Cost Ratios | 202474, 0, 4 |

**Learning Outcome**
Calculate, interpret, and apply food, labor, and other cost ratios
KRDN 4.2, 1.3, 4.7

| Title | Tags |
| --- | --- |
| Operational Measures | 202475, 0, 5 |

**Learning Outcome**
Calculate and interpret operational measures including breakeven points, productivity, and cost of goods sold
KRDN 1.3, 4.2

| Title | Tags |
| --- | --- |
| Payback and Present Value | 202476, 0, 6 |

**Learning Outcome**
Calculate payback period and net present value of equipment purchases
KRDN 4.2

## NDFS 458 - Management in Dietetics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 458 |

**Teaching Area**
NDFS
**Course Title**
Management in Dietetics
**Course Description**
Management cycle and theory applied to clinical and administrative dietetics.

## NDFS 462 - Food Regulations and Quality Assurance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NDFS | 462 |

**Teaching Area**
NDFS
**Course Title**
Food Regulations and Quality Assurance
**Course Description**
Federal and international food regulations and methods of assuring

**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NDFS 445 - Foodservice Systems.

**Additional Comments:**

**Title**
Disaster Planning and Risk Management

**Tags**
202215, 10

**Learning Outcome**
Discuss concepts of disaster planning and risk management.

**Title**
Dietetics Management

**Tags**
202133, 0, 1

**Learning Outcome**
Explain dietetics management professional opportunities.

**Title**
Self-Assessment

**Tags**
202134, 0, 2

**Learning Outcome**
Perform self-assessment related to work and management practice.

food quality.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NDFS 250 - Essentials of Food Science
  **AND** NDFS 251 - Essentials of Food Science Laboratory
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Title**
Laws, Regulations, Guidelines, and Directives

**Tags**
202110, 2

**Learning Outcome**
Be able to locate, retrieve and interpret specific laws, regulations, guidelines and directives relating to food, its manufacture, labeling, distribution and sale

**Title**
Government Roles in Food Supply

**Tags**
202111, 5

**Learning Outcome**
Explain how the legislative, executive, and judicial branches of federal and state government function and interact to regulate and control the safety,

| Title | Tags |
| --- | --- |
| Group Work | 202132, 0, 3 |

**Learning Outcome**
Discuss group dynamics, work group formation, and participate effectively in group tasks.

| Title | Tags |
| --- | --- |
| Linking Processes | 202135, 0, 4 |

**Learning Outcome**
Describe the linking processes from the Systems Model: balance, communication, and decision making.

| Title | Tags |
| --- | --- |
| Management Functions | 202136, 0, 5 |

**Learning Outcome**
Identify the management functions in the context of the Systems Model, including planning, organizing, staffing, directing, and controlling.

| Title | Tags |
| --- | --- |
| Human Resource Management | 202137, 0, 7 |

**Learning Outcome**
Identify principles of human resource management, including determining staffing needs, recruiting and interviewing, selection, negotiation, orientation and training, constructive discipline, performance appraisal, diversity, equity, and inclusion issues, conflict resolution, and employment laws/regulations.

| Title | Tags |
| --- | --- |
| Research and Theory | 202138, 0, 8 |

**Learning Outcome**
Describe theories of effective management and leadership, motivation, and organizational change. Find and use relevant research.

| Title | Tags |
| --- | --- |
| ACEND Knowledge Requirement for the RDN (2022 ACEND Standards) | 202465, 0, 12 |

wholesomeness, and economy of the food supply

| Title | Tags |
| --- | --- |
| Assuring the Quality of Food Products | 202113, 3 |

**Learning Outcome**
Be able to apply the principles of food science and statistics to control and assure the quality of food products

| Title | Tags |
| --- | --- |
| Ethical Reasoning | 202161, 1 |

**Learning Outcome**
Apply ethical reasoning to make business decisions based on principles of integrity and honesty

| Title | Tags |
| --- | --- |
| Legal Food Labels | 202112, 0, 6 |

**Learning Outcome**
Understand/Map and prepare a legal food label

| Title | Tags |
| --- | --- |
| Food Safety Plan | 202114, 0, 4 |

**Learning Outcome**
Prepare a robust food safety plan for food product/process

| Learning Outcome | |
|---|---|
| Management in Dietetics | |
| ACEND Knowledge Requirement for the RDN | |
| By the conclusion of the course, students will: | |
| Measured/Met by: | |
| KRDN 1.1, 1.3 | |
| Explain dietetics management professional opportunities. | |
| In-class activity | |
| KRDNs 5.1, 5.2 | |
| Perform self-assessment related to work and management practice. | |
| Devotional Reflection, KQS, Self-Evaluations, My Management Philosophies 1 & 2 | |
| KRDNs 2.1, 5.4, 5.5 | |
| Discuss group dynamics, work group formation, and participate effectively in group tasks. | |
| Projects 1 & 2; Self and Peer Evaluations | |
| KRDNs 2.1, 4.1 | |

| | |
|---|---|
| Describe the linking processes from the Systems Model: balance, communication, and decision making. | |
| Reading Journals (RJ); In-class activity/discussion; Exam | |
| KRDNs 1.1, 1.2, 1.3, 2.1, 4.1 | |
| Identify the management functions in the context of the Systems Model, including planning, organizing, staffing, directing, and controlling. | |
| RJs; In-class activity/discussion; Systems Assessment; Exam | |
| KRDNs 1.3, 2.6, 3.2, 3.3, 4.4, 5.4, 5.5 | |
| Identify principles of human resource management, including determining staffing needs, recruiting and interviewing, selection, negotiation, orientation and training, constructive discipline, performance appraisal, diversity, equity, and inclusion issues, conflict resolution, and employment laws/regulations. | |
| RJs; In-class activity/discussion; Projects 1 & 2; Self and Peer Evaluations; Exam | |
| KRDNs 1.1, 1.2, 1.3, 2.1, 4.1 | |
| Describe theories of effective management and leadership, motivation, and organizational change. Find and use relevant research. | |
| RJs, Abstract Sets 1 & 2, Project 1, | |

Theories: Bring them all
together! Assignment; Exam

KRDN 4.1

Discuss concepts of disaster
planning and risk management.

RJ; in-class activity/discussion

## NDFS 464 - Food Sensory Evaluation

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
464

**Teaching Area**
NDFS

**Course Title**
Food Sensory Evaluation

**Course Description**
Analytical and affective methods of assessing sensory properties of food using statistical methods. Laboratory experience in sensory research and techniques. Integrative capstone course.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
3

## NDFS 465 - Food Product Development

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
465

**Teaching Area**
NDFS

**Course Title**
Food Product Development

**Course Description**
Integration and application of food science principles to develop new food products. Laboratory experience in food product design and development. Integrative capstone course.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NDFS 250 - Essentials of Food Science
  **AND** NDFS 251 - Essentials of Food Science Laboratory
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
Concurrent enrollment in NDFS 465.

**Title**
Prepare for and conduct a sensory test

**Tags**
202216, 0, 1

**Learning Outcome**
Create and execute a sensory consumer or discrimination test using a sensory questionnaire delivery, data collection and analysis software package.

**Title**
Client reports

**Tags**
202212, 0, 4

**Learning Outcome**
Prepare a professional sensory report for a client.

**Title**
Statistics

**Tags**
202213, 0, 6

**Learning Outcome**
Use statistics to draw conclusions about data.

**Title**
Test Types and Questions

**Tags**
202214, 0, 12

**Learning Outcome**
Demonstrate understanding of sensory test types and which test type is best for meeting project objectives. Be able to select the appropriate questions, scales, and wording for each test type.

**Title**
Quantitative Descriptive Panels

**Tags**
202217, 0, 13

**Learning Outcome**
Demonstrate understanding of how quantitative descriptive panels are conducted. Show how

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NDFS 361 - Food Microbiology
  **AND** NDFS 362 - Food Processing
  **AND** NDFS 462 - Food Regulations and Quality Assurance

**Additional Comments:**

**Other Prerequisites**
This class should be taken concurrently with NDFS 464.

**Title**
Specifications

**Tags**
202115, 1

**Learning Outcome**
Prepare raw material, product, and process specifications for a product and related commercial manufacturing process

**Title**
Commercializing

**Tags**
202116, 2

**Learning Outcome**
Work with a team in successfully commercializing a new or improved food product

**Title**
Stability Test

**Tags**
202117, 3

**Learning Outcome**
Coordinate, plan, and execute a stability test

**Title**
Plant Trial

**Tags**
202118, 4

**Learning Outcome**
Coordinate, plan, and execute a plant trial

**Title**
Project Time-lines

**Tags**
202119, 5

**Learning Outcome**
Prepare and follow workable project time-lines for multiple development projects

**Title**
Consumer Tests

**Tags**
202120, 6

panels are conducted. Show how to determine when Quantitative Descriptive panelists are sufficiently trained and when they need more training.

Title
Leading and Participating in Groups

Tags
202193, 0, 14

Learning Outcome
Lead and participate in groups and with clients in developing a sensory test, planning and conducting that test, and reporting the results orally and as a written document.

Learning Outcome
Coordinate, plan, and execute an appropriate consumer test for guidance or decision making

Title
Food Product Label

Tags
202121, 7

Learning Outcome
Properly prepare and document all information required for a finished food product label

Title
Laboratory Notebook

Tags
202122, 8

Learning Outcome
Keep a precise, well-documented laboratory notebook that will stand up under scrutiny in a court of law

## NDFS 466 - Advanced Dietetics Practice

### Course Information

Teaching Area (new)
NDFS

Course Number
466

Teaching Area
NDFS

Course Title
Advanced Dietetics Practice

Course Description
Skill development in specialized topics of medical nutrition therapy and administrative dietetics.

Department
Nutritn,Dietetcs,&Fd Sci

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

## NDFS 475 - Research Methods in Dietetics

### Course Information

Teaching Area (new)
NDFS

Course Number
475

Teaching Area
NDFS

Course Title
Research Methods in Dietetics

Course Description
Research techniques in a variety of dietetics practice areas.

Department
Nutritn,Dietetcs,&Fd Sci

When Taught
Winter

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- NDFS 356 - Medical Nutrition Therapy 2
  **AND** NDFS 440 - Nutrition Education and Counseling
  **AND** NDFS 458 - Management in Dietetics

**Additional Comments:**

| Title | Tags |
|---|---|
| Menu Engineering Data | 202329, 0, 4 |

**Learning Outcome**
Use and interpret menu engineering data in making pricing and menu decisions.
KRDN 4.6

| Title | Tags |
|---|---|
| Nutrition Support | 202328, 0, 2 |

**Learning Outcome**
Calculate, monitor, and make recommendations for all forms of nutrition support in inpatient and outpatient settings.
KRDN 1.1, 1.2, 1.3, 2.5, 3.1

| Title | Tags |
|---|---|
| Nutrition Care Process and Principles of Medical Nutrition | 202330, 0, 3 |

**Learning Outcome**
Use the Nutrition Care Process and the principles of Medical Nutrition Therapy for following conditions: trauma, HIV disease, thermal injury, diabetes, high risk pregnancies, high risk infants, complex pediatric disorders, developmental disorders, metabolic disorders.
KRDN 1.1, 1.2, 1.3, 2.5, 3.1, 4.3

| Title | Tags |
|---|---|
| Systems Approach and Management Issues | 202331, 0, 6 |

**Learning Outcome**
Develop proposals for food and nutrition services departments by applying knowledge of the systems approach and

0

**Other Prerequisites**
Senior status in dietetics program.

| Title | Tags |
|---|---|
| Literature Research Reports | 202157, 6 |

**Learning Outcome**
Interpret and evaluate research reports in literature

| Title | Tags |
|---|---|
| Using Information Technologies | 202187, 2 |

**Learning Outcome**
Use current information technologies to locate and apply evidence based guidelines and protocols

| Title | Tags |
|---|---|
| Visual Aids and Communication Skills | 202191, 5 |

**Learning Outcome**
Utilize visual aids and communication skills to present concepts in oral and written reports

| Title | Tags |
|---|---|
| Types of Appropriate Research | 202451, 1 |

**Learning Outcome**
Identify types of research and their appropriate use, including: research question, sample selection, methodologies, data collection methods, data analysis methods

| Title | Tags |
|---|---|
| Locate, Interpret and Evaluate and Use Professional Literatu | 202452, 1 |

**Learning Outcome**
Demonstrate how to locate, interpret and evaluate and use professional literature to make ethical evidence based practice decisions

| Title | Tags |
|---|---|
| Design Research Projects | 202453, 3 |

**Learning Outcome**
Design research projects using appropriate methods of sample

management issues in foodservice, clinical, and community settings.
KRDN 1.1, 1.2, 1.3, 2.1, 4.1, 4.2, 4.4, 4.6, 5.4, 5.5

| Title | Tags |
| --- | --- |
| Core Knowledge for the RD | 202332, 0, 7 |

**Learning Outcome**
Accreditation Council for Education in Nutrition and Dietetics Core Knowledge for the RD

Core Knowledge for the RDN

By the conclusion of the course, students will:

Measured/Met by:

KRDN 1.1, 1.2, 1.3, 2.5, 3.1

Calculate, monitor, and make recommendations for all forms of nutrition support in inpatient and outpatient settings..

Clinical Case Studies
Nutrition Support Worksheets

KRDN 1.1, 1.2, 1.3, 2.5, 3.1, 4.3

Evaulate patients using the Nutrition Care Process and the principles of Medical Nutrition Therapy for following conditions: trauma, HIV disease, thermal injury, diabetes, high risk pregnancies, high risk infants, complex pediatric disorders, developmental disorders, metabolic disorders

Clinical Case Studies, Nutrition Support Worksheet, Case study billing questions

selection and data collection

| Title | Tags |
| --- | --- |
| Survey Questionnaire | 202454, 4 |

**Learning Outcome**
Develop survey questionnaire for appropriate research objectives

| Title | Tags |
| --- | --- |
| Basic Statistics | 202455, 7 |

**Learning Outcome**
Interpret and apply basic statistics

| Title | Tags |
| --- | --- |
| Core knowledge for the RDN | 202349, 0, 8 |

**Learning Outcome**
2022 ACEND Standards

Knowledge

NDFS 475 Course learning outcomes

Measured/Met by:

KRDN 1.1

Identify how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions

Class Discussion (CD); in class assignments;
Proposal

KRDN 1.2

Use current information technologies to locate and apply evidence-based guidelines and protocols

KRDN 4.6

Use and interpret menu engineering data in making pricing and menu decisions.

Capstone Management Project

KRDN 1,1, 1.2, 1.3, 2.1, 4.1, 4.2, 4.4, 4.6, 5.4, 5.5

Develop proposals for food and nutrition services departments by applying knowledge of the systems approach and management issues in foodservice, clinical, and community settings

Capstone Management Project

2022 standards

Evidence based practice assignment

KRDN 1.3

Apply critical thinking skills

Assignments, CD, Exam

## NDFS 490 - Professionalism in Nutrition and Dietetics

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
490

**Teaching Area**
NDFS

**Course Title**
Professionalism in Nutrition and Dietetics

**Course Description**
Issues in professional practice.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

## NDFS 491 - Internship Preparation

### Course Information

**Teaching Area (new)**
NDFS

**Course Number**
491

**Teaching Area**
NDFS

**Course Title**
Internship Preparation

**Course Description**
Selecting internship sites and preparing dietetic internship application packet.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Other Prerequisites
Acceptance in dietetics program.

Title
Standards of Practice and Professional Performance

Tags
202324, 0, 1

Learning Outcome
Analyze the Scope of Practice and Standards of Practice and Professional performance for dietitians and apply the scope and standards to specific cases.
2022 KRDN 2.2, 5.3

Title
Professionalism and Career Readiness

Tags
202326, 0, 3

Learning Outcome
Demonstrate professionalism and career readiness including online presence, dress, and business etiquette.
2022 KRDN 1.3, 2.2

Title
Professional Issues Related to the Academy of Nutrition and

Tags
207960, 0, 4

Learning Outcome
Examine current issues related to the profession of dietetics including ethics, quality, practice applications, and professional membership.
2022 KRDN 1.3, 2.2, 2.4, 2.8, 4.6, 4.7, 5.1

Title
Core Knowledge for the RD

Tags
207962, 0, 5

Learning Outcome
Accreditation Council for Education in Nutrition and Dietetics Core Knowledge for the RD

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Other Prerequisites
Senior status in dietetics program

Title
2022 ACEND- Required Core Knowledge

Tags
202339, 0, 5

Learning Outcome

2022 ACEND KRDN
Course Objectives
Measured by

2.1
Prepare a succinct and clear application for the dietetic internship or other employment/graduate school pursuits.
Personal statement, resume

5.2
Evaluate personal strengths and weaknesses in context of future dietetic internship, employment, graduate school, or other pursuits.
Personal statement

5.6
Develop goals for professional development following graduation.
Preceptor reflection paper, personal statement

2.1, 5.3
Demonstrate effective professional oral and written communication.
Personal statement, resume, elevator pitch, and video interview evalua

Core Knowledge

By the conclusion of the course, students will:

Measured/Met by:

KRDN 2.2, 5.3

Demonstrate professionalism and career readiness including online presence, dress, and business etiquette.

Scope of Practice Case, Code of Ethics, Dress Summary, Meeting Agenda, Business Etiquette Discussion

KRDN 1.3, 2.2, 2.9

Analyze the Scope of Practice and Standards of Practice and Professional performance for dietitians and apply the scope and standards to specific cases.

Class discussion, Scope of Practice Case, Scope of Practice Summary, Code of Ethics Quiz

KRDN 1.3, 2.2, 2.4, 2.8, 4.7, 5.1

Examine current issues related to the profession of dietetics including ethics, quality, practice applications, and professional membership.

Scope of Practice Case, Code of Ethics, Quality Management discussion/activity, Position Consensus Paper, Meeting agenda, Healthcare Delivery Notes, Professionalism in

| Title | Tags |
| --- | --- |
| Effective Application Packet | 202335, 0, 1 |

**Learning Outcome**
Prepare a succinct and clear application packet for the dietetic internship or other employment/graduate school pursuits.
ACEND 2022 KRDN 2.1

| Title | Tags |
| --- | --- |
| Self-Evaluation | 202336, 0, 2 |

**Learning Outcome**
Evaluate personal strengths and weaknesses in context of future dietetic internship, employment, graduate school, or other pursuits.
ACEND 2022 KRDN 5.2

| Title | Tags |
| --- | --- |
| Professional Development | 202338, 0, 3 |

**Learning Outcome**
Develop goals for professional development following graduation.
ACEND 2022 KRDN 5.6

| Title | Tags |
| --- | --- |
| Professional Communication | 202337, 0, 4 |

**Learning Outcome**
Demonstrate effective professional oral and written communication.
ACEND 2022 KRDN 2.1, 5.3

Dietetics Paper

2022 standards

# NDFS 494R - Undergraduate Research in Nutrition, Dietetics, or Food Science.

## Course Information

**Teaching Area (new)**
NDFS

**Course Number**
494R

**Teaching Area**
NDFS

**Course Title**
Undergraduate Research in Nutrition, Dietetics, or Food Science.

**Course Description**
Mentored research experience.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent

**Title**
Data Collection and Analysis Methodologies

**Tags**
202095, 2

**Learning Outcome**
Students will develop skillsets in data collection, data entry, and/or data analysis methods.

**Title**
Evaluation of original research

**Tags**
202096, 1

**Learning Outcome**
Students will develop an increased understanding of the most up-to-date findings in the areas we are researching in the lab.

**Title**
Presentation and critical thinking skills

**Tags**
202097, 4

**Learning Outcome**
Students will gain experience presenting research to the group and will increase their critical thinking skills discussing original research articles.

# NDFS 544 - Food Fermentations

## Course Information

**Teaching Area (new)**
NDFS

**Course Number**
544

**Teaching Area**
NDFS

**Course Title**
Food Fermentations

**Course Description**
Production of fermented food in the food industry. Includes the mechanisms of microorganisms, beginning food product, microbiology of cultures, metabolic pathways, and production and storage methods.

**Department**
Nutritn,Dietetcs,&Fd Sci

**When Taught**
Winter Even Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 481 - Biochemistry.

**Additional Comments:**

**Recommended**
MMBIO 221, 222

## NDFS 546 - Essentials of Food Packaging

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
546
**Teaching Area**
NDFS
**Course Title**
Essentials of Food Packaging
**Course Description**
Fundamentals of packaging materials with an emphasis on food applications. Topics include composition, physical properties, design, specific features, and environmental impact. Apply material and design characteristics to achieve functional purposes in commercial food production settings.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Fall Even Years

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- NDFS 355 - Food Process Engineering
  **AND** NDFS 450 - Food Chemistry

Prerequisites

**Complete ALL of the following Courses:**
- ME EN 450 - Engineering Materials: Selection for Design

Prerequisites

**Complete ALL of the following Courses:**
- MFGEN 575 - Packaging Technologies

## NDFS 558 - Nutritional and Food Toxicology

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
558
**Teaching Area**
NDFS
**Course Title**
Nutritional and Food Toxicology
**Course Description**
Principles of nutritional and food toxicology with primary emphasis on food toxins will be discussed. An overview of absorption, distribution, metabolism and excretion of foreign materials, allergenic and toxic constituents in plant, animal, marine and fungal origin will be covered. Priority will be placed on the role food ingredients and nutrients may have in mutagenesis and carcinogenesis, including food processing induced toxins. Safety assessments of food additives, environmental contaminants, pesticides, antibiotic residues and dietary supplements and the laws and regulations surrounding their uses will be presented.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Spring Term Odd Years

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- CHEM 481 - Biochemistry.

**Additional Comments:**

**Recommended**
Option 1: NDFS 200 or NDFS 250, NDSF 350 or 435, or equivalent. Option 2: MMBIO 240, PWS 340, BIO 380, or equivalent. Option 3: HLTH 314/315 or equivalent, PDBIO 220, PDBIO 362, HLTH 426. Option 4: Instructor approval
**Note**

**Additional Comments:**

Course may move to a fall or winter semester to support additional interest.

## NDFS 601 - Advanced Human Nutrition 1

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
501
**Teaching Area**
NDFS
**Course Title**
Advanced Human Nutrition 1
**Course Description**
Nutritional status and scientific basis for dietary recommendations for carbohydrates, lipids, protein, and energy.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- NDFS 435 - Nutritional Biochemistry and Metabolism

**Additional Comments:**

**Tags**
214229, 0, 1, 2023-08-29 11:39:33
**Learning Outcome**
Explain the scientific basis for dietary recommendations for macronutrients

**Learning Outcome**

## NDFS 602 - Advanced Human Nutrition 2

### Course Information

**Teaching Area (new)**
NDFS
**Course Number**
502
**Teaching Area**
NDFS
**Course Title**
Advanced Human Nutrition 2
**Course Description**
Nutritional status and scientific basis for dietary recommendations for vitamins, minerals, and water.
**Department**
Nutritn,Dietetcs,&Fd Sci
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- NDFS 435 - Nutritional Biochemistry and Metabolism

**Additional Comments:**

**Tags**
214234, 0, 1, 2023-08-29 11:39:51
**Learning Outcome**
Explain the scientific basis for dietary recommendations for micronutrients

**Learning Outcome**

| Tags | |
|---|---|
| 214230, 0, 2, 2023-08-29 11:39:34 | Explain the mechanisms of digestion, absorption, and transport |

| Tags | Learning Outcome |
|---|---|
| 214231, 0, 3, 2023-08-29 11:39:35 | Explain macronutrient functions and interactions and the consequences of deficiencies, imbalances, and toxicities |

| Tags | Learning Outcome |
|---|---|
| 214232, 0, 4, 2023-08-29 11:39:37 | Diagram metabolic pathways for macronutrients |

| Tags | Learning Outcome |
|---|---|
| 214233, 0, 5, 2023-08-29 11:39:44 | Correctly interpret and draw inference from the current scientific literature on macronutrients |

| Tags | |
|---|---|
| 214235, 0, 2, 2023-08-29 11:39:52 | Explain the mechanisms of absorption and transport |

| Tags | Learning Outcome |
|---|---|
| 214236, 0, 3, 2023-08-29 11:39:54 | Explain micronutrient functions and interactions and the consequences of deficiencies, imbalances, and toxicities |

| Tags | Learning Outcome |
|---|---|
| 214237, 0, 4, 2023-08-29 11:39:56 | Diagram metabolic pathways involving micronutrients |

| Tags | Learning Outcome |
|---|---|
| 214238, 0, 5, 2023-08-29 11:39:57 | Correctly interpret and draw inference from the current scientific literature on micronutrients |

## NE LG 321R - Studies in Modern Near Eastern Languages

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
321R

**Teaching Area**
NE LG

**Course Title**
Studies in Modern Near Eastern Languages

**Course Description**
Grammar, reading, writing, and conversational skills.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
2

**Title**
Knowledge

**Tags**
189690, 1

**Learning Outcome**
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

## NE LG 340 - Ancient Near Eastern Mythology.

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
340

**Teaching Area**
NE LG

**Course Title**
Ancient Near Eastern Mythology.

**Course Description**
Major themes in mythological literature of Egypt, Canaan, Mesopotamia, Anatolia, and ancient Iran. All readings in English.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
189691, 1

**Learning Outcome**
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

## NE LG 345 - Texts and Ancient Temples

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
345

**Teaching Area**
NE LG

**Course Title**
Texts and Ancient Temples

**Course Description**
Major ancient Near Eastern texts dealing with the temple; analysis of primary elements of ancient temple type as a place of worship.

**Department**
Asian & Near Eastern Lang

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
NE LG 345 Learning Outcomes

**Tags**
189616, 0

**Learning Outcome**
Upon completion of this course, participants will have acquired the skills necessary to:Define the concept of sacred space and time.Understand the temples as sacred space.Analyze temple systems in the ancient world.Understand that the church, synagogue, and mosque have decisively been influenced by the temple.

## NE LG 495 - Senior Seminar in Near Eastern Studies

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
495

**Teaching Area**
NE LG

**Course Title**
Senior Seminar in Near Eastern Studies

**Course Description**
Capstone course for Near Eastern Studies majors. Includes major research paper demonstrating ability to integrate cross-disciplinary information and methodology.

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Near Eastern Studies major; senior status

**Title**
Knowledge

**Tags**
189692, 1

**Learning Outcome**
Students will become familiar with current topics in this content area.

## NE LG 511R - Akkadian

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
511R

**Teaching Area**
NE LG

**Course Title**
Akkadian

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
189708, 1

**Learning Outcome**
Students will become familiar with a special topic in this content area.

## NE LG 511R - Studies in Ancient Near Eastern Languages

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
511R

**Teaching Area**
NE LG

**Course Title**
Studies in Ancient Near Eastern Languages

**Course Description**
Grammar and reading skills.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
189693, 1

**Learning Outcome**
Students will become familiar with a special topic in this content area.

## NE LG 511R - Coptic

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
511R

**Teaching Area**
NE LG

**Course Title**
Coptic

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
189710, 1

**Learning Outcome**
Students will become familiar with a special topic in this content area.

## NE LG 511R - Egyptian

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
511R

**Teaching Area**
NE LG

**Course Title**
Egyptian

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
189711, 1

**Learning Outcome**
Students will become familiar with a special topic in this content area.

## NE LG 511R - Aramaic

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
511R

**Teaching Area**
NE LG

**Course Title**
Aramaic

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
189709, 1

**Learning Outcome**
Students will become familiar with a special topic in this content area.

## NE LG 511R - Ugaritic

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
511R

**Teaching Area**
NE LG

**Course Title**
Ugaritic

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Title**
NE LG 511R Learning Outcomes

**Tags**
189499, 1

**Learning Outcome**
Upon completion of this course, participants will have acquired the skills necessary to:

Understand and recognize the fundamental elements of subject grammar (i.e., Aramaic, Coptic, Egyptian, Syriac, Akkadian, etc.)
Define the top 300 vocabulary words of the subject language.
Analyze and categorize the verbal system.

## NE LG 511R - Syriac

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
511R

**Teaching Area**
NE LG

**Course Title**
Syriac

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
189712, 1

**Learning Outcome**
Students will become familiar with a special topic in this content area.

## NE LG 521R - Near Eastern Mythology

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
521R

**Teaching Area**
NE LG

**Course Title**
Near Eastern Mythology

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
189713, 1

**Learning Outcome**
Students will become familiar with current topics in this content area.

## NE LG 521R - Special Topics in Ancient Near Eastern Literature

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
521R

**Teaching Area**
NE LG

**Course Title**
Special Topics in Ancient Near Eastern Literature

**Course Description**
Historical and comparative studies of ancient Near Eastern literature.

**Department**
Asian & Near Eastern Lang

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
189694, 1

**Learning Outcome**
Students will become familiar with current topics in this content area.

## NE LG 521R - Texts and Temples

### Course Information

**Teaching Area (new)**
NE LG

**Course Number**
521R

**Teaching Area**
NE LG

**Course Title**
Texts and Temples

**Department**
Asian & Near Eastern Lang

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Knowledge

**Tags**
189714, 1

**Learning Outcome**
Students will become familiar with current topics in this content area.

## NES 336R - Ancient Near Eastern Studies

### Course Information

**Teaching Area (new)**
NES

**Course Number**
336R

**Teaching Area**
NES

**Course Title**
Ancient Near Eastern Studies

**Course Description**
Social science/humanities core course emphasizing ancient history extending to the Byzantine period.

**Department**
Internationl&Area Studies

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1.5

**Fixed**
3

**Note**
Elective credit for major and minor. Offered at the Jerusalem Center for Near Eastern Studies only.

## NES 347R - (NES-Hist 242R) Arab and Islamic Civilization

### Course Information

**Teaching Area (new)**
NES

**Course Number**
347R

**Teaching Area**
NES

**Course Title**
(NES-Hist 242R) Arab and Islamic Civilization

**Course Description**
Social science/humanities core course covering Arab and Islamic civilization; historical evolution of Middle East to present. Overview of modern Palestinian society.

**Department**
Internationl&Area Studies

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
2

**Note**
Elective credit for major and minor in NES. Offered at the Jerusalem Center for Near Eastern Studies only.

**Title**
Knowledge

**Tags**
200166, 1

**Learning Outcome**
Students will deepen their understanding of Arab and Islamic civilization.

## NES 349R - (NES-Hist 243R) Jewish Civilization.

### Course Information

**Teaching Area (new)** | **Course Number**
NES | 349R

**Teaching Area**
NES

**Course Title**
(NES-Hist 243R) Jewish Civilization.

**Course Description**
Social science/humanities core course; broad introduction to Jewish self-understanding and history, focusing on relationships among people, faith, and land.

**Department**
Internationl&Area Studies

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
2

**Note**
Elective credit for major and minor. Offered at the Jerusalem Center for Near Eastern Studies only.

## NES 395R - Jerusalem Center Field Trips

### Course Information

**Teaching Area (new)** | **Course Number**
NES | 395R

**Teaching Area**
NES

**Course Title**
Jerusalem Center Field Trips

**Course Description**
The history, archaeology, and scriptural relevance of important places visited during participation in the BYU Jerusalem Center program.

**Department**
Internationl&Area Studies

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
1

#### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in NES 336R

**Title** | **Tags**
JERUSALEM CENTER FIELD TRIPS | 200107, 0

**Learning Outcome**
Field trips correlated with classroom study to maximize the advantage of on-site learning.

## NEURO 205 - Neurobiology

### Course Information

**Teaching Area (new)** | **Course Number**
NEURO | 205

**Teaching Area**
NEURO

**Course Title**
Neurobiology

**Course Description**
Structure and function of the nervous system: cellular communication; sensory, motor, and autonomic systems.

**Department**
Neuroscience Center

**When Taught**
Fall and Winter

## NEURO 316 - Neuroscience Advanced Writing

### Course Information

**Teaching Area (new)** | **Course Number**
NEURO | 316

**Teaching Area**
NEURO

**Course Title**
Neuroscience Advanced Writing

**Course Description**
Processes of research writing and oral presentation for neuroscience students.

**Department**
Neuroscience Center

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CELL 120 - Science of Biology

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags |
|---|---|
| Basic nervous system knowledge | 202539, 0 |

**Learning Outcome**
Students will demonstrate an understanding of the structures and functions of the nervous system. This will include the cellular, regional and system organization and function of the brain, spinal cord and peripheral nerves. Students will apply this knowledge to solve neuroscience-related problems.

| Title | Tags |
|---|---|
| Preparation for future neuroscience courses | 202635, 2 |

**Learning Outcome**
Students will demonstrate the building blocks of knowledge required to further their experience and training in other neuroscience courses.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- NEURO 205 - Neurobiology

**Additional Comments:**

**Other Prerequisites**
Engl 150 or equivalent; Neuroscience major status

| Title | Tags |
|---|---|
| Write clearly and appropriately | 183702, 1 |

**Learning Outcome**
Students will demonstrate that they can write clearly, focus on a well-defined purpose in writing, use conventions of format and structure appropriate to their discipline, and adopt a voice, tone, and level of formality suited to multiple purposes and audiences, including audiences both within and outside the discipline in which the course is offered.
Measurement: Informal in-class writing assignments will be given and formal writing assignments will be assigned in multiple drafts with peer- and instructor-review. Genres could include a personal writing journal, letter of intent, letter to the editor, literature review, research proposal, book review, and poster presentation.

| Title | Tags |
| --- | --- |
| Library research | 183703, 3 |

**Learning Outcome**
Students will demonstrate the ability to use appropriate research tools and processes of research within their particular discipline, including library research. Students will demonstrate their ability to identify and evaluate sources, retrieve and evaluate data, take notes, and follow conventions of quoting, paraphrasing, and summarizing. They will cite sources properly and demonstrate an understanding of ethical issues related to research, including how to avoid plagiarism.
Measurement: Complete the library-usage module provided by the Lee Library.

| Title | Tags |
| --- | --- |
| The role of writing in neuroscience | 183704, 2 |

**Learning Outcome**
Students will demonstrate the ability to use appropriate research tools and processes of research within their particular discipline, including library research. Students will demonstrate their ability to identify and evaluate sources, retrieve and evaluate data, take notes, and follow conventions of quoting, paraphrasing, and summarizing. They will cite sources properly and demonstrate an understanding of ethical issues related to research, including how to avoid plagiarism.
Measurement: See (1).

| Title | Tags |
| --- | --- |
| Productive and flexible collaborative writing processes | 183705, 4 |

**Learning Outcome**
Students will demonstrate the ability to use appropriate research tools and processes of research within their particular discipline, including library research. Students will demonstrate their ability to identify and evaluate sources,

retrieve and evaluate data, take notes, and follow conventions of quoting, paraphrasing, and summarizing. They will cite sources properly and demonstrate an understanding of ethical issues related to research, including how to avoid plagiarism.
Measurement: See (1).

**Title**
Genres, forms, styles, and documentation conventions

**Tags**
183706, 5

**Learning Outcome**
Students will demonstrate the ability to use appropriate research tools and processes of research within their particular discipline, including library research. Students will demonstrate their ability to identify and evaluate sources, retrieve and evaluate data, take notes, and follow conventions of quoting, paraphrasing, and summarizing. They will cite sources properly and demonstrate an understanding of ethical issues related to research, including how to avoid plagiarism.
Measurement: See (1).

## NEURO 349R - Neuroscience Teaching Experience

### Course Information

**Course Number**
349R
**Teaching Area**
NEURO
**Course Title**
Neuroscience Teaching Experience
**Course Description**
Undergraduate student lecture or laboratory teaching assistantship, or other activities that provide students hands-on curriculum design, teaching, and mentoring experiences.
**Department**
Neuroscience Center
**When Taught**
Fall, Winter, Spring

### Credit Hours

| Min | Max |
|---|---|
| 1 | 3 |

## NEURO 360 - Neuroanatomy

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| NEURO | 360 |

**Teaching Area**
NEURO
**Course Title**
Neuroanatomy
**Course Description**
Functonal anatomy of the human brain and spinal cord, including surface and cross-sectional gross anatomy, microscopic anatomy, and sensory, motor, and integrative systems' circuitry.
**Department**
Neuroscience Center
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lab Hours

| Min | Max |
| --- | --- |
| 3 | 9 |

| Title | Tags |
| --- | --- |
| Teaching Experience | 214239, 0, 1, 2023-08-29 11:41:15 |

**Learning Outcome**
Students will demonstrate content mastery and communication skills in teaching course material to other students.

| Title | Tags |
| --- | --- |
| Constructive Feedback | 214240, 0, 2, 2023-08-29 11:41:17 |

**Learning Outcome**
Students will respond to constructive feedback from students and the faculty mentor.

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- NEURO 205 - Neurobiology

**Additional Comments:**

**Other Prerequisites**
Neuroscience major status.

| Title | Tags |
| --- | --- |
| Function and circuitry of nervous system structures | 202525, 1 |

**Learning Outcome**
Students will state the function of identified brain structures and explain how each structure is anatomically connected (wired) to other CNS and PNS structures.

| Title | Tags |
| --- | --- |
| Knowledge of nervous system structures | 202569, 0 |

**Learning Outcome**
Students will identify central nervous system structures on pictures, dissections, models, and cross sections of the brain and spinal cord.

| Title | Tags |
| --- | --- |
| Solve clinical case studies | 202577, 2 |

**Learning Outcome**
Students will use knowledge of brain and spinal cord anatomy to discuss and analyze neuroanatomy-based clinical case studies.

## NEURO 390R - Special Topics in Neuroscience

### Course Information

**Teaching Area (new)**
NEURO

**Course Number**
390R

**Teaching Area**
NEURO

**Course Title**
Special Topics in Neuroscience

**Course Description**
Exploration of current topics in neuroscience.

**Department**
Neuroscience Center

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

## NEURO 399R - Neuroscience Academic Internship

### Course Information

**Teaching Area (new)**
NEURO

**Course Number**
399R

**Teaching Area**
NEURO

**Course Title**
Neuroscience Academic Internship

**Course Description**
Off-campus internship experience in neuroscience.

**Department**
Neuroscience Center

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
12

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major status.

**Note**
An APPROVED Internship Application is required before adding.

## NEURO 420R - Senior Practicum: Community Projects

### Course Information

**Teaching Area (new)**
NEURO

**Course Number**
420R

**Teaching Area**
NEURO

**Course Title**
Senior Practicum: Community Projects

**Course Description**
Capstone experience in community-based service learning related to practice of neuroscience.

**Department**
Neuroscience Center

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NEURO 205 - Neurobiology

**Additional Comments:**

**Other Prerequisites**
Or instructor's consent.

## NEURO 449R - Undergraduate Research Experience

### Course Information

**Teaching Area (new)**
NEURO

**Course Number**
449R

**Teaching Area**
NEURO

**Course Title**
Undergraduate Research Experience

**Course Description**
Neuroscience-related laboratory research experience skills required to review literature, properly gather and interpret data from scientific experimentation as well as data analysis, writing, and publishing research. Enhance student learning through hands-on activities and close collaboration with faculty or a qualified on-campus mentor.

**Department**
Neuroscience Center

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Laboratory research experience | 202665, 0 |

**Learning Outcome**
Students will gain neuroscience-related laboratory research skills required to review the literature, properly gather and interpret data from scientific experimentation as well as data analysis, writing, and publishing their research. Experiences will enhance student learning through hands-on activities and close collaboration with faculty or a qualified on-campus mentor.

## NEURO 455R - Neuroscience Seminar

### Course Information

**Teaching Area (new)**
NEURO

**Course Number**
455R

**Teaching Area**
NEURO

**Course Title**
Neuroscience Seminar

**Course Description**
Seminar (research) presentations for undergraduates in Neuroscience.

**Department**
Neuroscience Center

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
0.5

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
None

**Recommended**
NEURO 205. A basic understanding of Neuroscience

## NEURO 460 - Behavioral Neuroscience

### Course Information

**Teaching Area (new)**
NEURO

**Course Number**
460

**Teaching Area**
NEURO

**Course Title**
Behavioral Neuroscience

**Course Description**
Critical examination of anatomical, physiological, and chemical bases of behavioral expression.

**Department**
Neuroscience Center

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NEURO 205 - Neurobiology
  **AND** NEURO 360 - Neuroanatomy

**Additional Comments:**

**Other Prerequisites**
Neuroscience major status

## NEURO 480 - Cellular Neuroscience

### Course Information

**Teaching Area (new)**
NEURO

**Course Number**
480

**Teaching Area**
NEURO

## NEURO 481 - Neuroscience Laboratory

### Course Information

**Teaching Area (new)**
NEURO

**Course Number**
481

**Teaching Area**
NEURO

**Course Title**
Cellular Neuroscience
**Course Description**
Critical examination of the cellular and molecular bases of nervous system function and development.
**Department**
Neuroscience Center
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- NEURO 205 - Neurobiology
  **AND** NEURO 360 - Neuroanatomy

Prerequisites

**Complete ALL of the following Courses:**
- CELL 362 - Advanced Physiology

**Additional Comments:**

**Other Prerequisites**
CELL 360; Neuroscience or CELL major status.

**Course Title**
Neuroscience Laboratory
**Course Description**
Exposure to classical/modern experiments in neuroscience.
**Department**
Neuroscience Center
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NEURO 205 - Neurobiology

**Additional Comments:**

**Other Prerequisites**
Neuroscience major status

**Title**
Write a Scientific Laboratory Report
**Tags**
202668, 2

**Learning Outcome**
Understand fundamentals of statistical analysis (including proper techniques, applications, and interpretations) and produce a well-written scientific report.

**Title**
Neuroscience Laboratory Theory & Technique
**Tags**
202667, 0, 0

**Learning Outcome**
Students will demonstrate an understanding of and an ability to perform and apply hands-on

laboratory techniques to study nervous system histology, anatomy, pathology, and behavior. Important topics covered include confocal and super resolution microscopy, tissue staining, neurohistology, neuroanatomy, immunhistochemistry, and neuroimaging.

## NIUEA 100 - Language Study: Niuean

### Course Information

**Teaching Area (new)**
NIUEA

**Course Number**
100

**Teaching Area**
NIUEA

**Course Title**
Language Study: Niuean

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Niuean.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
| --- | --- | --- |
| Speaking | 197887, 1 | Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions. |

| Title | Tags |
| --- | --- |

## NIUEA 101 - First-Year Language Study: Niuean

### Course Information

**Teaching Area (new)**
NIUEA

**Course Number**
101

**Teaching Area**
NIUEA

**Course Title**
First-Year Language Study: Niuean

**Course Description**
Beginning speaking, listening, reading, and writing skills in Niuean.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags | Learning Outcome |
| --- | --- | --- |
| Comprehension | 197883, 1 | Understand written and spoken target language relating to familiar topics. |

| Title | Tags |
| --- | --- |
| Speaking | 197884, 2 |

| Social Situations | 197888, 2 |
|---|---|

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 197889, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 197885, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 197886, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## NIUEA 102 - First-Year Language Study: Niuean

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| NIUEA | 102 |

**Teaching Area**
NIUEA
**Course Title**
First-Year Language Study: Niuean
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Niuean.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**

## NIUEA 201 - Second-Year Language Study: Niuean

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| NIUEA | 201 |

**Teaching Area**
NIUEA
**Course Title**
Second-Year Language Study: Niuean
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Nieuan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NIUEA 101 - First-Year Language Study: Niuean

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 197879, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 197880, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 197881, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 197882, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NIUEA 102 - First-Year Language Study: Niuean

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197777, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197778, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197779, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 197780, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## NIUEA 202 - Second-Year Language Study: Niuean

### Course Information

**Teaching Area (new)**
NIUEA

**Course Number**
202

**Teaching Area**
NIUEA

**Course Title**
Second-Year Language Study: Niuean

**Course Description**
Continued emphasis on Niuean communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- NIUEA 201 - Second-Year Language Study: Niuean

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197773, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about

## NIUEA 305 - Language Skills Development: Niuean

### Course Information

**Teaching Area (new)**
NIUEA

**Course Number**
305

**Teaching Area**
NIUEA

**Course Title**
Language Skills Development: Niuean

**Course Description**
Increasing proficiency in one or more of the following Niuean language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197770, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197771, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197772, 3 |

**Learning Outcome**
Interact with cultural

real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 197774, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197775, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197776, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

competence and understanding when dealing with native speakers associated with the special purpose.

## NIUEA 321 - Advanced Grammar: Niuean

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NIUEA | 321 |

**Teaching Area**
NIUEA
**Course Title**
Advanced Grammar: Niuean
**Course Description**
Systematic review of grammar and syntax of Niuean.
**Department**
Language Studies
**When Taught**

## NIUEA 330 - Advanced Language Proficiency Through Cultural Studies: Niuean

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NIUEA | 330 |

**Teaching Area**
NIUEA
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Niuean
**Course Description**
Study of Niuean culture using interpersonal, presentational, and

Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NIUEA 202 - Second-Year Language Study: Niuean

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197767, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197768, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 197769, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Niuea 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197763, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197764, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197765, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements

related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197766, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## NIUEA 340 - Introduction to Literature: Niuean

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NIUEA | 340 |

**Teaching Area**
NIUEA
**Course Title**
Introduction to Literature: Niuean
**Course Description**
Advanced study of Niuean literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

## NIUEA 350 - Advanced Language Study for Career Purposes: Niuean

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NIUEA | 350 |

**Teaching Area**
NIUEA
**Course Title**
Advanced Language Study for Career Purposes: Niuean
**Course Description**
Concentration on Niuean language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NIUEA 330 - Advanced Language Proficiency Through Cultural Studies: Niuean

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197759, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197760, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197761, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197762, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NIUEA 330 - Advanced Language Proficiency Through Cultural Studies: Niuean

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197754, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197755, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 197756, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 197757, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197758, 5 |

**Learning Outcome**

Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## NORWE 101 - First-Year Norwegian

### Course Information

**Teaching Area (new)**
NORWE

**Course Number**
101

**Teaching Area**
NORWE

**Course Title**
First-Year Norwegian

**Course Description**
Basic language skills. Includes International Cinema.

**Department**
Language Studies

**When Taught**
Fall Odd Years

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1.5

| Title | Tags |
|---|---|
| Language Learning Strategies | 190250, 3 |

**Learning Outcome**
Students will develop comprehension and learning strategies to help them derive meaning from a wide variety of authentic language texts.

| Title | Tags |
|---|---|
| Speaking | 190269, 1 |

**Learning Outcome**
Students will be able to speak Norwegian well enough to satisfy

## NORWE 102 - First-Year Norwegian

### Course Information

**Teaching Area (new)**
NORWE

**Course Number**
102

**Teaching Area**
NORWE

**Course Title**
First-Year Norwegian

**Course Description**
Basic language skills. Includes International Cinema.

**Department**
Language Studies

**When Taught**
Winter Even Years

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1.5

| Title | Tags |
|---|---|
| Culture | 190260, 4 |

**Learning Outcome**
Students will display appropriate awareness of everyday culture in Norwegian-speaking countries.

| Title | Tags |
|---|---|
| Language Learning Strategies | 190378, 3 |

**Learning Outcome**
Students will develop strategies to help them derive meaning from a wide variety of authentic language texts.

immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, obtain food and lodging, carry out simple transactions, and talk about a variety of topics of common interest primarily in the present, with limited use of other time frames.)

| Title | Tags |
|---|---|
| Comprehension | 190319, 0 |

**Learning Outcome**
Students will comprehend Norwegian as they hear and read authentic language relating to familiar topics.

| Title | Tags |
|---|---|
| Culture | 190380, 4 |

**Learning Outcome**
Students will display appropriate awareness of everyday culture in Norwegian-speaking countries.

| Title | Tags |
|---|---|
| Writing | 190592, 2 |

**Learning Outcome**
Students will be able to write short messages and well-articulated sentences in Norwegian on familiar topics.

| Title | Tags |
|---|---|
| Comprehension | 190395, 0 |

**Learning Outcome**
Students will be able to comprehend Norwegian as they hear and read authentic language relating to familiar topics.

| Title | Tags |
|---|---|
| Writing | 190446, 2 |

**Learning Outcome**
Students will be able to write short messages and well-articulated sentences in Norwegian on familiar topics.

| Title | Tags |
|---|---|
| Speaking | 190497, 1 |

**Learning Outcome**
Students will be able to speak Norwegian well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.)

## NORWE 201 - Second-Year Norwegian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| NORWE | 201 |

**Teaching Area**
NORWE
**Course Title**
Second-Year Norwegian
**Course Description**
Conversation, vocabulary building, and reading and writing skills, emphasizing reading. Includes International Cinema.
**Department**
Language Studies
**When Taught**
Fall Even Years

### Credit Hours

## NORWE 202 - Second Year Norwegian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| NORWE | 202 |

**Teaching Area**
NORWE
**Course Title**
Second Year Norwegian
**Course Description**
Emphasis on literature and culture with continued writing, grammar, listening, and speaking. Includes International Cinema.
**Department**
Language Studies
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1.5

**Other Prerequisites**
Norwe 102 or equivalent experience

| Title | Tags |
| --- | --- |
| Speaking and Writing | 190298, 1 |

**Learning Outcome**
Students will be able to speak and write Norwegian well enough to satisfy immediate needs. (Students will learn to communicate in social situations asking and answering questions, carrying out transactions, and talking about a variety of topics of common interest in present, past, and future times.)

| Title | Tags |
| --- | --- |
| Comprehension | 190308, 0 |

**Learning Outcome**
Students will be able to comprehend Norwegian as they hear and read authentic language relating to familiar topics with strategies to even derive meaning out of less familiar topics.

| Title | Tags |
| --- | --- |
| Conversation | 190417, 2 |

**Learning Outcome**
Students will be able to participate actively in conversations about Norwegian-speaking countries, concrete topics, and current events.

| Title | Tags |
| --- | --- |
| Opinions | 190476, 3 |

**Learning Outcome**

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1.5

**Note**
Culminating course for GE Foreign Language requirement (except for returned missionaries or those with equivalent experience).

| Title | Tags |
| --- | --- |
| Comprehension | 190232, 2 |

**Learning Outcome**
Students will be able to comprehend Norwegian as they hear and read authentic language relating to familiar and less familiar topics.

| Title | Tags |
| --- | --- |
| Speaking and Writing | 190381, 3 |

**Learning Outcome**
Students will improve their reading and writing skills in Norwegian by beginning to communicate in connected and extended discourse, expressing and supporting opinion, and navigating less-familiar topics and situations.

| Title | Tags |
| --- | --- |
| Literature and Cultural History | 190486, 1 |

**Learning Outcome**
Students will be able to identify and define key characteristics of the important moments in Norwegian cultural history and place significant works in a meaningful cultural and historical context using the basic tools of literary analysis.

| Title | Tags |
| --- | --- |
| Norwegian Culture | 190524, 5 |

**Learning Outcome**

Learning Outcome
Students will be able to begin expressing and supporting opinions about familiar topics.

Learning Outcome
Students will broaden and deepen their perception and appreciation of Norwegian culture.

## NORWE 211R - Second-Year Conversation

### Course Information

**Teaching Area (new)**
NORWE

**Course Number**
211R

**Teaching Area**
NORWE

**Course Title**
Second-Year Conversation

**Course Description**
Intermediate listening comprehension and speaking skills.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Other Prerequisites**
Norwe 102 or equivalent experience

**Title**
Fluency

**Tags**
190361, 2

**Learning Outcome**
Students will be able to use an appropriate variety of vocabulary related to autobiographical and concrete topics.

**Title**
Vocabulary

**Tags**
190453, 3

**Learning Outcome**
Students will speak in a way so as to be understood most of the time without difficulty by native speakers unaccustomed to dealing with non-native speakers.

**Title**
Description and Narration

**Tags**
190540, 0

**Learning Outcome**
Students will be able to describe and narrate in present, past and

## NORWE 311R - Third-Year Conversation

### Course Information

**Teaching Area (new)**
NORWE

**Course Number**
311R

**Teaching Area**
NORWE

**Course Title**
Third-Year Conversation

**Course Description**
Advanced conversational skills.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Other Prerequisites**
Norwe 211R or equivalent experience

**Title**
Pronunciation

**Tags**
190256, 4

**Learning Outcome**
Students will speak in a way so as to be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

**Title**
Opinions

**Tags**
190341, 1

**Learning Outcome**
Students will be able to relate current events, plots of books or movies, and state opinion.

**Title**
Vocabulary

**Tags**
190402, 3

**Learning Outcome**
Students will be able to speak using an appropriate variety of vocabulary related to autobiographical and concrete

future times in the context of paragraph-level speech about autobiographical and concrete topics.

| Title | Tags |
| --- | --- |
| Opinions | 190588, 1 |

**Learning Outcome**
Students will be able to speak about autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions, and cope with gaps in knowledge.

topics as well as to current and other events.

| Title | Tags |
| --- | --- |
| Fluency | 190480, 2 |

**Learning Outcome**
Students will be able to initiate and maintain fluent conversations and cope with gaps in knowledge in contexts related to concrete topics.

| Title | Tags |
| --- | --- |
| Description and Narration | 190513, 0 |

**Learning Outcome**
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

## NORWE 321 - Advanced Norwegian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NORWE | 321 |

**Teaching Area**
NORWE
**Course Title**
Advanced Norwegian
**Course Description**
Third-year course in Norwegian. Developing advanced language skills in speaking, reading, listening, and writing as defined by ACTFL standards.
**Department**
Language Studies
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## NORWE 340 - Norwegian Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NORWE | 340 |

**Teaching Area**
NORWE
**Course Title**
Norwegian Literature
**Course Description**
Readings in Norwegian literature; introduction to basic literary concepts. Includes International Cinema.
**Department**
Language Studies
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Lab Hours**

Fixed
0

Other Prerequisites
Norwe 202 or equivalent experience.
Note
Entry course for returned missionaries or others with equivalent Norwegian language experience. Required course for obtaining language credit by examination (Norwe 101, 102, 201, 211R).

| Title | Tags |
|---|---|
| Critical Thinking | 190625, 2 |

Learning Outcome
Students will employ proper grammatical, lexical, phonological, and stylistic features of advanced-level Norwegian in descriptive and narrative texts as well as in producing basic analyses.

| Title | Tags |
|---|---|
| Superior Functions in Writing and Speech | 190626, 3 |

Learning Outcome
Students will develop partial control of their ability to support their opinions and hypothesize about abstract topics, in the context of extended discourse.

| Title | Tags |
|---|---|
| Advanced Functions in Writing and Speech | 191046, 1 |

Learning Outcome
Students will develop their ability to narrate and describe in past, present, and future time frames, use connected discourse, and learn to manage complications in the language through communicative strategies, all without patterns of error.

## NORWE 399R - Academic Internship

Fixed
0.5

Note
Culminating course for GE Foreign Language requirement.

| Title | Tags |
|---|---|
| Lifelong Learning | 190036, 7 |

Learning Outcome
Students should better know how to understand, interpret, and thoughtfully reflect upon the literature and art encountered later in life.

| Title | Tags |
|---|---|
| Analytic, Research, and Writing Skills | 190364, 3 |

Learning Outcome
Students should be able to insightfully analyze important literary and artistic works from Norwegian cultural history and be able to communicate this analysis through articulate written and oral presentations in Norwegian. Students will also develop basic research skills.

| Title | Tags |
|---|---|
| Norwegian Cultural History | 190437, 1 |

Learning Outcome
Students will understand key trends and works from Norwegian cultural history, recognize connections between these works, and be able to relate them to the development of contemporary Norwegian culture.

| Title | Tags |
|---|---|
| Cultural Literacy | 190534, 5 |

Learning Outcome
Students should relate the ideas and issues raised by the works we study in class to the students' own cultural moment as well as to their own experience with contemporary Norwegian culture.

## NURS 102 - Nursing and Medical

## Course Information

**Teaching Area (new)**
NORWE

**Course Number**
399R

**Teaching Area**
NORWE

**Course Title**
Academic Internship

**Course Description**
On-the-job experience in Norwegian.

**Department**
Comparative Arts &Letters

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Department's consent

| Title | Tags |
|---|---|
| Professional Experience | 190631, 1 |

**Learning Outcome**
Improve professional experience and appreciation of cultural practices in an international context.

# Terminology

## Course Information

**Teaching Area (new)**
NURS

**Course Number**
102

**Teaching Area**
NURS

**Course Title**
Nursing and Medical Terminology

**Course Description**
Nursing and medical terminology for prenursing and beginning nursing students or those interested in health occupations.

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Medical Language Skills | 203623, 0, 0, 2023-04-25 08:48:02 |

**Learning Outcome**
Analyze a medical term and identify the different word parts.

| Title | Tags |
|---|---|
| Application of medical language | 203677, 0, 1, 2023-04-25 08:48:02 |

**Learning Outcome**
Use medical abbreviations appropriately.

| Title | Tags |
|---|---|
| Application of Medical Language | 203618, 0, 2, 2023-04-25 08:48:02 |

**Learning Outcome**
Use the most common medical terms in a sentence

terms in a sentence.

| Title | Tags |
| --- | --- |
| Medical Language and the Human Body | 203683, 0, 3, 2023-04-25 08:48:02 |

**Learning Outcome**
Categorize medical terms according to body systems.

## NURS 288 - Nursing Skills I

### Course Information

**Course Number**
288
**Teaching Area**
NURS
**Course Title**
Nursing Skills I
**Course Description**
1-credit lab course focuses on cognitive and psychomotor introductory nursing skills development and application with hands-on, interactive learning activities in the Nursing Learning Center.
**Department**
1015
**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
1

#### Lab Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Introductory Nursing Skills | 213119, 0, 1, 2023-08-01 13:47:26 |

**Learning Outcome**
The student will demonstrate competency in basic nursing skills to provide quality, safe, patient centered care to patients with common healthcare needs in a simulated learning environment.

| Title | Tags |
| --- | --- |
| Clinical Judgment | 213120, 0, 2, 2023-08-01 13:47:26 |

**Learning Outcome**
Students will apply clinical judgment concepts to deliver evidence-based interventions

## NURS 290 - Think Like a Nurse: Learning Clinical Judgment

### Course Information

**Teaching Area (new)**
NURS
**Course Number**
290
**Teaching Area**
NURS
**Course Title**
Think Like a Nurse: Learning Clinical Judgment
**Course Description**
1.5-credit in-person didactic course focuses on acquisition of knowledge about nursing history, theory, and practice; the College's mission and values and professional nursing values; Tanner's Clinical Judgment Model; and self-reflection on goals, values, and biases.
**Department**
1015
**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
1.5

#### Lecture Hours

**Fixed**
1.5

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to the College of Nursing baccalaureate program.

| Title | Tags |
| --- | --- |
| Nursing theoretical foundations | 212885, 0, 2, 2023-04-25 08:58:56 |

**Learning Outcome**
Analyze key principles of nursing theories and foundational principles to expand understanding of nursing history and the profession.

evidence-based interventions which are transferable to professional practice.

| Title | Tags |
| --- | --- |
| Clinical Judgment | 212886, 0, 3, 2023-04-25 08:58:56 |

**Learning Outcome**
Analyze and explain Tanner's Clinical Judgment Model and the nursing process in thinking like a nurse focusing on "context" or what the nurse brings to the nurse-patient relationship.

| Title | Tags |
| --- | --- |
| Professional and College of Nursing Expectations and Personal Goals | 212884, 0, 1, 2023-04-25 08:58:56 |

**Learning Outcome**
Apply professional nursing and College of Nursing values to course work and personal goals.

## NURS 292 - Clinical Practicum Fundamentals in Nursing

### Course Information

**Teaching Area (new)**
NURS
**Course Number**
292
**Teaching Area**
NURS
**Course Title**
Clinical Practicum Fundamentals in Nursing
**Course Description**
1.5 credit clinical practicum course focuses on in-person, active application of fundamental nursing concepts and skills with patients in skilled nursing facilities and simulated learning experiences in the Nursing Learning Center.
**Department**
1015
**When Taught**
Contact Department

### Credit Hours

**Fixed**
1.5

### Lecture Hours

**Fixed**
0

### Lab Hours

## NURS 294 - Health Assessment and Promotion.

### Course Information

**Teaching Area (new)**
NURS
**Course Number**
294
**Teaching Area**
NURS
**Course Title**
Health Assessment and Promotion.
**Course Description**
2-credit didactic course guides students in their acquisition and application of health assessment and promotion knowledge and skills.
**Department**
1015
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2.25

### Lab Hours

Fixed
4.5

Other Prerequisites
Courses in Nursing Semester 1.
Note
7-hour clinical per week for 6 weeks plus simulation experiences in Nursing Learning Center.

| Title | Tags |
| --- | --- |
| Scholarship for Evidence Based Practice | 206795, 0, 2 |

Learning Outcome
Students will access and evaluate current evidence (research) related to patient-specific nursing interventions.

Fixed
1.5

Other Prerequisites
Acceptance into Nursing Program.

| Title | Tags |
| --- | --- |
| Professionalism | 206804, 0, 4 |

Learning Outcome
Demonstrate professional dress and conduct standards during initial patient interactions.

| Title | Tags |
| --- | --- |
| Performance: History and Assessment | 206800, 0, 0, 2023-08-01 13:49:40 |

Learning Outcome
Perform a basic health history and physical assessment on the adult individual including electronic health record documentation.

| Title | Tags |
| --- | --- |
| Health Identification | 206803, 0, 2, 2023-08-01 13:49:40 |

Learning Outcome
Identify common health problems or risk for health problems based on personal, family and social history, and physical exam.

| Title | Tags |
| --- | --- |
| Health Promotion | 206802, 0, 3, 2023-08-01 13:49:40 |

Learning Outcome
Identify and support strategies for health promotion, risk reduction and disease prevention for adult patients.

## NURS 295 - Fundamentals in Nursing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NURS | 295 |

Teaching Area
NURS
Course Title
Fundamentals in Nursing
Course Description
2-credit in-person didactic course focuses on the acquisition of

## NURS 296 - Introduction to Population Health Nursing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NURS | 296 |

Teaching Area
NURS
Course Title
Introduction to Population Health Nursing
Course Description

knowledge on fundamental nursing concepts and skills with explanation of the theoretical and evidence-based guidelines supporting these concepts.

**Department**
1015

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

**Other Prerequisites**
Courses in Nursing Semester 1.

| Title | Tags |
|---|---|
| Communication and collaboration | 213121, 0, 2, 2023-08-01 13:52:20 |

**Learning Outcome**
Demonstrate effective oral and written communication and collaboration.

| Title | Tags |
|---|---|
| Professionalism | 206809, 0, 4, 2023-08-01 13:52:20 |

**Learning Outcome**
Demonstrate professional standards of practice in coursework

| Title | Tags |
|---|---|
| Quality of Nursing Care Delivery | 206805, 0, 1, 2023-08-01 13:59:33 |

**Learning Outcome**
Describe and evaluate safe, high-quality fundamental nursing care based on evidence-based practice guidelines..

**Course Description**
1.5-credit in-person didactic and 0.5-credit lab course focused on population health and wellness with emphasis on social determinants of health, health equity, mental health, and healthcare communication.

**Department**
1015

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
1.5

**Other Prerequisites**
Courses in Nursing Semester 1.

**Note**
1.5-credit in-person didactic and 0.5-credit lab course focused on population health and wellness with emphasis on social determinants of health, health equity, mental health, and healthcare communication.

| Title | Tags |
|---|---|
| Health equity for diverse populations | 206810, 0, 1, 2023-08-01 13:57:01 |

**Learning Outcome**
Describe the role of public and population health nurses in addressing social determinants of health and health equity.

| Title | Tags |
|---|---|
| Health equity for diverse populations | 206811, 0, 2, 2023-08-01 13:57:01 |

**Learning Outcome**
Evaluate public/population health resources to restore, maintain, and promote health and health equity.

| Title | Tags |
|---|---|
| Workplace violence and risk mitigation | 206812, 0, 3, 2023-08-01 13:57:01 |

**Learning Outcome**
Demonstrate assertive, compassionate communication in challenging healthcare

in challenging healthcare circumstances, including delivering emotionally-charged information and addressing workplace violence/harassment.

## NURS 298 - Nursing Skills II

### Course Information

**Course Number**
298
**Teaching Area**
NURS
**Course Title**
Nursing Skills II
**Course Description**
1-credit lab course focuses on cognitive and psychomotor introductory to intermediate nursing skills development and application with hands-on, interactive learning activities in the Nursing Learning Center.
**Department**
1015
**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
1

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Admission to the College of Nursing. Successful completion of Nurs 288 Nursing Skills I.

| Title | Tags |
|---|---|
| Nursing Skills | 213122, 0, 1, 2023-08-01 13:57:23 |

**Learning Outcome**
The student will demonstrate basic skills to provide quality, safe, patient-centered care to individuals, families, and/or communities with complex healthcare needs in a simulated learning environment.

| Title | Tags |
|---|---|
| Clinical Judgment | 213123, 0, 2, 2023-08-01 13:57:23 |

**Learning Outcome**
Students will apply clinical judgment concepts to deliver evidence-based interventions which are transferable to

## NURS 300 - Applied Pharmacology in Nursing.

### Course Information

**Teaching Area (new)**
NURS
**Course Number**
300
**Teaching Area**
NURS
**Course Title**
Applied Pharmacology in Nursing.
**Course Description**
Common categories of drugs: their action, use and desired and undesired effects; implications for nursing care.
**Department**
1015
**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Courses in College of Nursing Semester 1.

| Title | Tags |
|---|---|
| Common classes of drugs | 206872, 0, 1, 2023-08-01 13:57:57 |

**Learning Outcome**
Demonstrate correct knowledge of drugs within pharmacological classes.

| Title | Tags |
|---|---|
| Actions, indications, and effects of drugs in diverse populations | 206873, 0, 2, 2023-08-01 13:57:57 |

**Learning Outcome**
Compare and contrast the actions of drugs in relationship to

professional practice.

chemistry, biology, and pathophysiology knowledge

**Title**
Actions, indications, and effects of drugs in diverse populations

**Tags**
206874, 0, 3, 2023-08-01 13:57:58

**Learning Outcome**
Examine the indications for drug use in diverse populations and settings

**Title**
Actions, indications, and effects of drugs in diverse populations

**Tags**
206875, 0, 4, 2023-08-01 13:57:58

**Learning Outcome**
Interpret the effects of drugs in relationship to pathophysiology of disease processes

**Title**
Pharmacological implications for nursing care in diverse populations and settings

**Tags**
206876, 0, 5, 2023-08-01 13:57:58

**Learning Outcome**
Describe and evaluate pharmacological implications in nursing care with diverse populations and settings

## NURS 301 - Applied Pathophysiology in Nursing

### Course Information

**Course Number**
301
**Teaching Area**
NURS
**Course Title**
Applied Pathophysiology in Nursing
**Course Description**
3-credit, in-person didactic course integrates knowledge from physiology, chemistry, microbiology, and nursing care in learning new knowledge about pathophysiology, disease processes, evidence-based health care interventions, and implications for nursing care for all body organ systems.
**Department**
1015
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**

## NURS 320 - Scientific Inquiry for Evidence-Based Practice & Informatics

### Course Information

**Teaching Area (new)**
NURS
**Course Number**
320
**Teaching Area**
NURS
**Course Title**
Scientific Inquiry for Evidence-Based Practice & Informatics
**Course Description**
3-credit, online course provides students with introductory information on scholarly nursing practice and dissemination, research evaluation and application, ethical conduct in scholarly activities, and informatics use in providing evidence-based nursing care.
**Department**
1015
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

Fixed
3

### Lecture Hours

Fixed
3

Title
Knowledge application

Tags
213124, 0, 1, 2023-08-01 14:01:42

Learning Outcome
Demonstrate a working understanding of basic cell anatomy and physiology.

Title
Knowledge application

Tags
213125, 0, 2, 2023-08-01 14:01:42

Learning Outcome
Demonstrate a working understanding of cell adaptation to disease or trauma and the commonalities of abnormal cell division (neoplasms).

Title
Pathophysiology application to nursing and patient care

Tags
213126, 0, 3, 2023-08-01 14:01:42

Learning Outcome
Apply basic principles of inflammation as a body defense system, infection and how it affects body system responses (such as WBCs) and wound healing.

Title
Pathophysiology application to nursing and patient care

Tags
213127, 0, 4, 2023-08-01 14:01:42

Learning Outcome
Interpret basic understanding of congenital and genetic disorders, blood diseases, and cellular fluid shifts.

Title
Pathophysiology application to nursing and patient care

Tags
213128, 0, 5, 2023-08-01 14:01:42

Learning Outcome
Analyze the pathophysiological basis of common diseases noted in the following systems: respiratory, cardiovascular, endocrine, renal, digestive, and neurological.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Courses in Nursing Semester 2.

Title
Research Process

Tags
203622, 0, 0, 2023-08-01 14:04:04

Learning Outcome
Identify and develop a research topic/question, find, appraise, interpret, and communicate about research evidence

Title
Current evidence for nursing practice and healthcare policy

Tags
206813, 0, 2, 2023-08-01 14:04:04

Learning Outcome
Recognize levels of evidence in research, and synthesize evidence from current research to identify practice implications, and propose evidence-based policy

Title
research and evidence-based practice with the Healer's Art and Gospel principles

Tags
206814, 0, 3, 2023-08-01 14:04:04

Learning Outcome
Describe how research principles, with the fundamental aim of discovering truth, and evidence-based practice, with the fundamental aim of providing optimal patient care, align with the Gospel of Jesus Christ.

## NURS 333 - (Nurs-Soc) End-of-Life Care

### Course Information

**Teaching Area (new)**
NURS
**Course Number**
333
**Teaching Area**
NURS
**Course Title**
(Nurs-Soc) End-of-Life Care
**Course Description**
End-of-life (EOL) care from spiritual, physical, and psychosocial perspectives. Comparisons from various cultural/ethnic backgrounds. Complexities of EOL care including impact on families, health care system, and society. Personal perspectives about death, dying, and bereavement.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Guiding Prinicples Of Care | 203592, 1 |

**Learning Outcome**
Outline guiding principles of end-of-life care

| Title | Tags |
|---|---|
| Models of Care for the Dying | 203624, 3 |

**Learning Outcome**
Distinguish between the medical model & patient-centered approach to dying

| Title | Tags |
|---|---|
| End of Life Preferences for Care | 206815, 4 |

## NURS 339 - Ethics in Nursing

### Course Information

**Teaching Area (new)**
NURS
**Course Number**
339
**Teaching Area**
NURS
**Course Title**
Ethics in Nursing
**Course Description**
Overview of ethical principles and theories, emphasizing role of ethics in nursing; instruction and practice in advanced oral and written communication skills for professional nursing practice.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- NURS 300 - Applied Pharmacology in Nursing.
  **AND** NURS 320 - Scientific Inquiry for Evidence-Based Practice & Informatics
  **AND** NURS 341 - Nursing Care of Adults with Acute and Chronic Illnesses

**Additional Comments:**

**Note**
Completion of both Nurs 320 and Nurs 339 fulfills GE Advanced Written and Oral Communication.

| Title | Tags |
|---|---|
| Write clearly and effectively. | 203855, 1 |

Learning Outcome

Learning Outcome
Identify and analyze trends in patient and provider end-of-life preferences. Assist patient in making end-of-life wishes known.

| Title | Tags |
| --- | --- |
| Personal Perspectives | 206816, 5 |

Learning Outcome
Compose personal statement of attitudes toward death and dying

| Title | Tags |
| --- | --- |
| Attitudes Toward Death | 206891, 0 |

Learning Outcome
Identify societal attitudes toward death, including spiritual and cultural practice and belief systems.

Learning Outcome
Write clearly, focus on a well-defined purpose, use APA conventions of structure, and adopt a voice, tone, and level of formality suited to the audience.

| Title | Tags |
| --- | --- |
| Reflective thinking | 203858, 6 |

Learning Outcome
Engage in reflective thinking to clarify personal moral and ethical values.

| Title | Tags |
| --- | --- |
| Ethical dilemmas faced by nurses | 203859, 7 |

Learning Outcome
Analyze ethical dilemmas faced by nurses in clinical practice; identify ethical principles, ethical theories, and common fallacies in thought; provide rationale for possible decisions through thinking and writing critically.

| Title | Tags |
| --- | --- |
| Public speaking | 203862, 5 |

Learning Outcome
Demonstrate the ability to speak publicly and deliver effective presentations.

| Title | Tags |
| --- | --- |
| Writing and the nursing discipline | 203856, 0, 2 |

Learning Outcome
Demonstrate an understanding of writing in the nursing discipline as a strategy for effectively communicating with others and as a way of learning and demonstrating what one has learned.

| Title | Tags |
| --- | --- |
| Ethics and communication | 206878, 0, 8 |

Learning Outcome
Use knowledge of ethics and communication skills to resolve ethical dilemmas with an interdisciplinary team.

| Title | Tags |
| --- | --- |
| Productive writing processes | 206877, 0, 3 |

**Learning Outcome**
Demonstrate effective writing processes, which include researching credible sources to inform ideas; developing ethically sound and persuasive arguments; organizing content to enhance logical flow of ideas; revising; editing grammar, word usage, spelling, and punctuation; proofreading; seeking and using peer review; properly citing sources to avoid plagiarism; and writing successive drafts of the same paper.

# NURS 341 - Nursing Care of Adults with Acute and Chronic Illnesses

## Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NURS | 341 |

**Teaching Area**
NURS
**Course Title**
Nursing Care of Adults with Acute and Chronic Illnesses
**Course Description**
Theory and content in the nursing care of acutely and chronically ill adults; professional behavior; illness implications for patients and families.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Courses in Nursing Semester 2.

# NURS 342 - Clinical Practicum for Nursing Care of Adults with Acute and Chronic Illnesses

## Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NURS | 342 |

**Teaching Area**
NURS
**Course Title**
Clinical Practicum for Nursing Care of Adults with Acute and Chronic Illnesses
**Course Description**
Clinical practicum is an active learning course in which students apply nursing knowledge and skills in hospitals/clinical settings with adult patients and families and simulated learning experiences in the Nursing Learning Center.
**Department**
1015
**When Taught**
All Semesters/Terms

### Credit Hours

**Fixed**
2.5

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Courses in College of Nursing Semester 2.
**Note**
11 clinical hours per week for 9 weeks and 8 hours in structured simulation.

**Tags**

Title
Integrate the Gospel of Jesus Christ as part of caring

Tags
206943, 0, 1, 2023-08-01 14:05:22

Learning Outcome
* Value the importance of spirituality in the nursing process. * Respect religious beliefs of the client. * Utilize personal inspiration in clinical decisions as well as the learning process. * Evaluate spiritual needs of clients and formulate an appropriate spiritually sensitive plan of care.

Title
Design, provide, and evaluate professional nursing care for individuals, families, and communities.

Tags
206944, 0, 2, 2023-08-01 14:05:22

Learning Outcome
* Differentiate pathophysiology, risk factors, diagnostic procedures, assessment findings and nursing interventions of common acute and chronic illnesses as well as surgical or procedural interventions. * Identify treatment and rationale for each illness and surgical or procedural intervention. * Articulate and understand the implications of acute and chronic illness for patients and their families. * Correlate laboratory, procedure, treatments and other patient results to the effects of the disease process or treatments. * Articulate effects of chronic illness on the patient and their significant others, and community.

Title
Exemplify life-long learning

Tags
203601, 0, 4, 2023-08-01 14:05:22

Learning Outcome
* Participate in activities that contribute to the ongoing development of personal knowledge as well as the Nursing profession's body of knowledge.

Title
Demonstrate effective critical thinking and communication

Tags
203666, 0, 3, 2023-08-01 14:05:22

Learning Outcome
* Demonstrate professional behavior when communicating

Title
The Healer's Art

Tags
203648, 0, 0, 2023-08-01 14:06:44

Learning Outcome
Integrate the values of the Gospel of Jesus Christ as part of providing nursing care to adult patients

Title
Critical Judgment

Tags
203663, 0, 1, 2023-08-01 14:06:44

Learning Outcome
Demonstrate and document effective clinical judgment and critical thinking in planning, delivering , and reflecting on nursing care to adult patients in hospital settings.

Title
Communication

Tags
203652, 0, 2, 2023-08-01 14:06:44

Learning Outcome
Demonstrate therapeutic communication with adult patients and families.

Title
Communication

Tags
213129, 0, 3, 2023-08-01 14:06:44

Learning Outcome
Demonstrate collaborative communication in health care teams.

with instructors, other health care providers, patients and families. * In practice case studies given in the didactic class, demonstrate critical thinking skills and is able to calculate priority nursing care interventions for various types of medical surgical hospitalized patient * Identify situations where skills and knowledge beyond their scope is needed and accurately seeks assistance.

## NURS 343 - Lab/Simulation for Nursing Care of Adults with Acute and Chronic Illnesses

### Course Information

**Teaching Area (new)**
NURS
**Course Number**
343
**Teaching Area**
NURS
**Course Title**
Lab/Simulation for Nursing Care of Adults with Acute and Chronic Illnesses
**Course Description**
Lab/simulation experience in nursing care of acutely/chronically ill adults.
**Department**
1015
**When Taught**
Fall; Winter.

#### Credit Hours

**Min**
1
**Fixed**
1

#### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Courses in Nursing Semester 2.
**Note**
4 hours lab per week in first 2 weeks, then 2 hours lab or simulation per week for 12 weeks.

**Tags**
203635, 0, 0, 2023-04-25 09:22:03

**Learning Outcome**
Integrate the values of the Gospel of Jesus Christ as part of caring. * Value the importance of spirituality in the nursing process. * Respect religious beliefs of the client.

## NURS 348 - Nursing Skills III

### Course Information

**Course Number**
348
**Teaching Area**
NURS
**Course Title**
Nursing Skills III
**Course Description**
1-credit lab course focuses on cognitive and psychomotor intermediate nursing skills development and application with hands-on, interactive learning activities in the Nursing Learning Center.
**Department**
1015
**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
1

#### Lab Hours

**Fixed**
3

**Title**
Nursing Skills

**Tags**
213130, 0, 1, 2023-08-01 14:09:44

**Learning Outcome**
The student will demonstrate intermediate nursing skills to provide quality, safe, patient-centered care for children and adults across the lifespan with acute and chronic illnesses in a simulated learning environment.

**Title**
Clinical Judgment

**Tags**
213131, 0, 2, 2023-08-01 14:09:44

Learning Outcome
Students will apply clinical judgment concepts to deliver evidence-based interventions which are transferable to professional practice.

Tags
203694, 0, 1, 2023-04-25 09:22:03

Learning Outcome
Demonstrate effective critical thinking and communication. * Demonstrate professional behavior when communicating with instructors, other students.

Tags
203688, 0, 2, 2023-04-25 09:22:03

Learning Outcome
Design, provide, and evaluate professional nursing care for individuals, families, and communities. * Demonstrate proficiency in the performance of given technical skills. * Articulate and understand the implications of acute and chronic illness for patients and their families. * Discusses rationale for each technical procedure/skill * Identifies the impact of the procedure on the patient * Completes the procedure in a satisfactory manner * Reports and documents procedure and patient results * Explains procedure and performs patient teaching to patient and SO

## NURS 351 - Nursing Care of Women and Newborns

### Course Information

**Teaching Area (new)**
NURS

**Course Number**
351

**Teaching Area**
NURS

**Course Title**
Nursing Care of Women and Newborns

**Course Description**
Theory and content in the nursing care of childbearing families from diverse backgrounds. Health promotion, assessment, and interventions relating to complicated and uncomplicated pregnancy and birth.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Courses in Nursing Semester 3.

| Title | Tags |
|---|---|
| Nursing Assessment | 211044, 0, 6 |

**Learning Outcome**
Understand essential skills necessary to perform assessment and managements of women, newborns, and childbearing families.

## NURS 352 - Clinical Practicum for Nursing Care of Women and Newborns

### Course Information

**Teaching Area (new)**
NURS

**Course Number**
352

**Teaching Area**
NURS

**Course Title**
Clinical Practicum for Nursing Care of Women and Newborns

**Course Description**
Clinical practicum in the nursing care of childbearing families from diverse backgrounds. Health promotion, assessment, and interventions related to complicated and uncomplicated pregnancy and birth. Includes lab and simulation experiences.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0.5

**Other Prerequisites**
Courses in Nursing Semester 3.

**Note**
6-12 hours clinical per week for 7 weeks.

| Title | Tags |
|---|---|
| Nursing Assessment | 211931, 0, 5 |

**Learning Outcome**
Perform essential skills necessary to perform assessment and management of normal antepartum, intrapartum, postpartum, and newborn patients.

## NURS 361 - Nursing Care of Families: Children

### Course Information

## NURS 362 - Clinical Practicum Nursing Care of Families: Children

### Course Information

**Teaching Area (new)**
NURS
**Course Number**
361
**Teaching Area**
NURS
**Course Title**
Nursing Care of Families: Children
**Course Description**
2-credit, in-person didactic course provides students with theory and content in the nursing care of children and their families from diverse backgrounds including health promotion, growth development, disease prevention, and care of acute and chronic illness.
**Department**
1015
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Courses in Nursing Semester 3.

| Title | Tags |
|---|---|
| Integration of Gospel Values | 214246, 0, 1, 2023-08-29 11:43:34 |

**Learning Outcome**
Integrate the values of the Gospel of Jesus Christ in providing holistic care to the pediatric population and their families.

| Title | Tags |
|---|---|
| High-quality and Safe Nursing Care for Children and Families | 214247, 0, 2, 2023-08-29 11:43:38 |

**Learning Outcome**
Exhibit clinical judgment and knowledge to provide children and families with high-quality, safe, patient-centered health care.

| Title | Tags |
|---|---|
| Clinical Prevention and Health of Children and Families | 214248, 0, 3, 2023-08-29 11:43:39 |

**Learning Outcome**

**Teaching Area (new)**
NURS
**Course Number**
362
**Teaching Area**
NURS
**Course Title**
Clinical Practicum Nursing Care of Families: Children
**Course Description**
1-credit, clinical practicum course focuses on the acquisition and application of basic nursing skills with children and families in in-patient hospital settings and simulated learning experiences by adapting nursing knowledge and care to pediatric patients.
**Department**
1015
**When Taught**
Fall, Winter, and Spring

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Courses in College of Nursing Semester 2.
**Note**
Three 12-hours clinical days and 6 hours of simulation.

| Title | Tags |
|---|---|
| Integration of Gospel Values | 206820, 0, 0, 2023-08-01 11:55:16 |

**Learning Outcome**
Integrate the Gospel of Jesus Christ in providing holistic care to the pediatric population and their families.

| Title | Tags |
|---|---|
| Quality of Nursing Care Delivery | 206821, 0, 1, 2023-08-01 11:55:16 |

**Learning Outcome**
Demonstrate competency in basic nursing skills as well as beginning competency in assessment techniques and technology specific to children and families.

| Title | Tags |
|---|---|
| Scholarship for Evidenced Based Practice | 206826, 0, 2, 2023-08-01 11:55:16 |

Advocate for social justice, health promotion, and disease prevention of children and families to improve health at all levels of healthcare.

**Title**
Scholarship for Evidence-Based Practice in Children and Families

**Tags**
214249, 0, 4, 2023-08-29 11:43:40

**Learning Outcome**
Apply current evidence to nursing care of children and families by linking theory, practice, and research.

**Learning Outcome**
Apply evidence-based nursing knowledge and critical thinking in provision of developmentally appropriate nursing care to children and families from diverse backgrounds.

**Title**
Communication and Collaboration

**Tags**
206823, 0, 3, 2023-08-01 11:55:16

**Learning Outcome**
Communicate and collaborate with children, families, peers, members of the health care team, and faculty to provide child-family centered care.

**Title**
Professionalism

**Tags**
206825, 0, 5, 2023-08-01 11:55:16

**Learning Outcome**
Demonstrate professionalism and incorporate the Healer's Art in the clinical setting.

## NURS 378 - Nursing Skills IV

### Course Information

**Course Number**
378
**Teaching Area**
NURS
**Course Title**
Nursing Skills IV
**Course Description**
1-credit, lab course focuses on cognitive and psychomotor intermediate to advanced student nursing skills development and application with hands-on, interactive learning activities in the Nursing Learning Center.
**Department**
1015
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
1

### Lab Hours

**Fixed**
3

## NURS 390R - Independent Study in the Practice of Nursing

### Course Information

**Teaching Area (new)**
NURS
**Course Number**
390R
**Teaching Area**
NURS
**Course Title**
Independent Study in the Practice of Nursing
**Course Description**
Topics such as NCLEX exam preparation, SNA leadership, personal wellness, etc. that support and/or enhance the nursing program curriculum. Check section headers for specific course content.
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
Instructor's consent

**Title**
SNA Leadership

**Tags**
203697, 6

| Title | Tags |
| --- | --- |
| Nursing Skills | 213132, 0, 1, 2023-08-01 14:14:48 |

**Learning Outcome**
Demonstrate advanced nursing skills to provide quality, safe, patient-centered care for nursing care of the family: Women's issues and chronic disease management across the lifespan.

| Title | Tags |
| --- | --- |
| Clinical Judgement | 213133, 0, 2, 2023-08-01 14:14:48 |

**Learning Outcome**
Students will apply clinical judgment concepts to deliver evidence-based interventions which are transferable to professional practice.

**Learning Outcome**
Students will be able to fulfill the responsibilities of a Student Nurses' Association officer and apply principles of peer leadership and student representation evidenced by: developing confidence in communication skills, applying principles of leadership through appropriate initiative and follow-through.

| Title | Tags |
| --- | --- |
| NCLEX | 203668, 0, 3 |

**Learning Outcome**
Students will assess their current readiness to successfully pass the NCLEX-RN exam the first time, then they will design a strategy including: demonstration of increased motivation to prepare for the NCLEX-RN exam; an individual plan for test preparation after graduation including ways to decrease and alleviate test anxiety; and demonstration of increased confidence for taking the NCLEX-RN exam.

| Title | Tags |
| --- | --- |
| Testing Strategies for Nurses | 203775, 0, 8 |

**Learning Outcome**
Identify the steps of Bloom's taxonomy; Evaluate test questions for level of content: Knowledge, Understanding, Application, Analysis; Successfully demonstrate five steps of question analysis; Demonstrate integrated ordered analysis and critical thinking skills into personal test-taking practice.

| Title | Tags |
| --- | --- |
| Personal Wellness | 211787, 0, 5 |

**Learning Outcome**
Students will incorporate multiple evidence-based self-care strategies to improve their spiritual, emotional, and/or physical resilience.

| Title | Tags |
| --- | --- |
| New Student Orientation | 211785, 0, 4 |

**Learning Outcome**
College of Nursing Expectations and Future Goals: Interpret and apply the College of Nursing mission, vision, and values with emphasis on "Learning the Healer's Art" to current and future course work and goals.
Communication: Describe and employ key principles of effective communication to promote civility, respect, and collaboration.
Values of Professional Nursing: Analyze the influence of nursing perspective, history and theories on your future nursing care and career goals.
Clinical Judgment: Analyze and explain Tanner's Clinical Judgment Model and the nursing process.
Personal Impact: Communicate understanding of your biases, values, and goals and their potential impact on patient care.

**Title**
Gerontology Nursing Research/Internship

**Tags**
211786, 0, 2

**Learning Outcome**
Students will be able to write an evidence-based paper pertaining to the nursing care of older adults. Students will identify the complex needs of older adults in their clinical setting.

**Title**
Employment Strategies

**Tags**
203776, 0, 1

**Learning Outcome**
Develop skills that will enhance your employment-seeking opportunities and career advancement.

**Title**
Stress Management

**Tags**
203777, 0, 7

**Learning Outcome**
Be able to explain and discuss wellness promotion and distress-reduction strategies
Apply these strategies in lived experiences
Grow understanding of what distress management techniques work for you

Teach someone else (friend or family member) one well-being strategy that was effective for you and share how it has been helpful. Share your experience in the final journal

## NURS 399R - Academic Internship in Nursing Practice

### Course Information

**Teaching Area (new)**
NURS

**Course Number**
399R

**Teaching Area**
NURS

**Course Title**
Academic Internship in Nursing Practice

**Course Description**
Work experience evaluated by supervisor and posted on student's transcript.

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Departmental approval.

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Application of Nursing Principles of Care

**Tags**
203594, 0, 0

**Learning Outcome**
The international student will apply nursing skills, principles, and knowledge to clinical practice.

**Title**
Personal Insights to Promote Effective Care

**Tags**
203593, 0, 1

**Learning Outcome**
The international student will use insights gained during the experience to effectively deliver patient and family care.

**Title**
Role of the Registered Nurse

**Tags**
203625, 0, 2

## NURS 403 - Global and Population Health Nursing.

### Course Information

**Teaching Area (new)**
NURS

**Course Number**
403

**Teaching Area**
NURS

**Course Title**
Global and Population Health Nursing.

**Course Description**
3-credit, blended course with in-person small group activities taught winter semesters and focused on population-based nursing care knowledge from local to global health nursing contexts.

**Department**
1015

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Courses in Nursing Semester 3.

**Title**
Population Health Nursing Roles

**Tags**
206938, 0, 1, 2023-08-01 14:15:14

**Learning Outcome**
Describe the varied roles and services of nursing practice in providing healthcare to diverse and global populations to promote healthy communities.

Learning Outcome
The international student will demonstrate increased knowledge and understanding of the registered nurse's role.

Title
Influencing Factors on Public Health

Tags
206939, 0, 2, 2023-08-01 14:15:14

Learning Outcome
Describe and analyze how population health concepts impact healthcare delivery systems (US and globally) and government and legal implications of nursing practice on populations.

Title
Population Health Skills

Tags
206940, 0, 3, 2023-08-01 14:15:14

Learning Outcome
Demonstrate and apply an understanding of social determinants of health, health equity, and cultures and environmental factors when identifying issues/concerns with developing and evaluating an evidence-based planned approach to care for diverse families, individuals, and vulnerable populations.

## NURS 404 - Clinical Practicum Global and Population Health Nursing

### Course Information

Teaching Area (new)
NURS

Course Number
404

Teaching Area
NURS

Course Title
Clinical Practicum Global and Population Health Nursing

Course Description
4-credit to 6-credit clinical practicum focuses on global and population-based nursing perspectives and implementation of an action plan in various local and international settings.

Department
1015

When Taught
Spring Term

### Credit Hours

Min
4

Fixed
6

### Lecture Hours

## NURS 461 - Psychiatric and Mental Health Nursing

### Course Information

Teaching Area (new)
NURS

Course Number
461

Teaching Area
NURS

Course Title
Psychiatric and Mental Health Nursing

Course Description
Theory and content in the nursing care for clients with complex psychiatric disorders.

When Taught
Fall and Winter

### Credit Hours

Min
2.5

Fixed
2.5

### Lecture Hours

Fixed
2.5

Fixed
0

Other Prerequisites
Courses in Nursing Semester 4.

Title
Nursing care to diverse populations.

Tags
213134, 0, 1, 2023-08-01 14:16:37

Learning Outcome
Identify and discuss biases related to diverse populations.

Title
Nursing care to diverse populations.

Tags
213135, 0, 2, 2023-08-01 14:16:37

Learning Outcome
Create and implement effective strategies in nursing care of patients, families, and communities within diverse populations.

Title
Nursing care to diverse populations

Tags
213136, 0, 3, 2023-08-01 14:16:37

Learning Outcome
Demonstrate appreciation, and respect for different cultures and vulnerable populations.

Title
Population health interventions

Tags
213137, 0, 9, 2023-08-01 14:16:37

Learning Outcome
Evaluate the effectiveness of the population health intervention designed in N403 small groups and identify cultural barriers to the success of future interventions.

Title
Social determinants of health

Tags
213138, 0, 10, 2023-08-01 14:16:37

Learning Outcome
Articulate the impact of social determinants (political, social, cultural, and environmental issues) and health care systems on health outcomes in the United States of America and globally.

Title
Cultural reflection and growth

Tags
213139, 0, 8, 2023-08-01 14:16:37

## Lab Hours

Fixed
0

Other Prerequisites
Courses in Nursing Semester 4.

Title
Psychiatric Nursing Practice

Tags
206827, 0, 0, 2023-08-01 14:21:21

Learning Outcome
Demonstrate an understanding of common psychiatric disorders across the lifespan that impact individuals and populations and best practice nursing interventions and clinical judgement, including psychotropic medication use.

Title
Communication and Collaboration Skills

Tags
206830, 0, 2, 2023-08-01 14:21:21

Learning Outcome
Explain and practice therapeutic communication skills and strategies with individuals, groups, and health care teams, while providing recovery-oriented care to clients and families.

Title
Nursing Role in the Environment

Tags
206832, 0, 3, 2023-08-01 14:21:21

Learning Outcome
Identify and analyze essential safety, health care system resources, and the nursing role in providing and managing therapeutic environments while advocating for high-quality patient care in collaboration with other health care professionals.

Title
Legal and ethical implications in mental health nursing

Tags
206857, 0, 4, 2023-08-01 14:21:21

Learning Outcome
Examine legal, healthcare policies, gospel principles, and ethical implications that impact the professional care of clients and diverse populations who struggle with mental illness.

| Cultural reflection and growth | 213139, 0, 8, 2023-08-01 14:16:37 |
|---|---|

**Learning Outcome**
Students will reflect and describe how their public and global health experiences will improve their nursing care and future contributions to nursing.

## NURS 462 - Clinical Practicum for Psychiatric and Mental Health Nursing

### Course Information

**Teaching Area (new)**
NURS

**Course Number**
462

**Teaching Area**
NURS

**Course Title**
Clinical Practicum for Psychiatric and Mental Health Nursing

**Course Description**
Clinical practicum in the nursing care for clients with complex psychiatric disorders.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0.5

**Other Prerequisites**
Courses in Nursing Semester 4.

**Note**
4 12-hour clinical shifts per semester (48 hours); 4 hours clinical prep per semester; 16.5 hours on self-directed activities and virtual simulations; and15.5 hours in-person, high-fidelity simulation and assignments per semester

| Title | Tags |
|---|---|
| Communication and collaboration | 203610, 0, 0, 2023-08-01 14:26:54 |

**Learning Outcome**
Demonstrate effective communication skills and strategies with individuals,

## NURS 471 - Nursing Care of Adults in Crisis

### Course Information

**Teaching Area (new)**
NURS

**Course Number**
471

**Teaching Area**
NURS

**Course Title**
Nursing Care of Adults in Crisis

**Course Description**
Theory and content in the nursing interventions and care for individuals and families in crisis.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Courses in Nursing Semester 4.

| Title | Tags |
|---|---|
| Application of Nursing Knowledge and Skills | 207089, 0, 0 |

**Learning Outcome**
Demonstrate clinical judgment as the nurse notices, assesses, develops, and implements appropriate nursing interventions for acutely ill patients.

**Title**

groups and other healthcare professionals while providing gospel and recovery-oriented care to clients in clinical and simulation settings.

| Title | Tags |
| --- | --- |
| Nursing knowledge application | 206861, 0, 1, 2023-08-01 14:26:54 |

**Learning Outcome**
Complete a mental status exam, psychosocial assessment and develop evidence-based nursing interventions for psychiatric disorders in clinical and simulation settings.

| Title | Tags |
| --- | --- |
| Providing quality care | 206865, 0, 2, 2023-08-01 14:26:54 |

**Learning Outcome**
Demonstrate effective holistic care for those who suffer with mental illness through exemplifying nursing values, exploring your own feelings, strengths, gifts and spirituality.

| Title | Tags |
| --- | --- |
| Pharmaceutical Nursing Knowledge | 203678, 0, 1 |

**Learning Outcome**
Identify and interpret appropriate nursing actions related to pathophysiology, pharmacodynamics, clinical data, and hemodynamics related to the acutely ill patient.

| Title | Tags |
| --- | --- |
| End of Life Patient-Centered Care | 203662, 0, 2 |

**Learning Outcome**
Examine death, dyinbg, and other end-of-life issues that impact acutely ill patients and their families.

## NURS 472 - Clinical Practicum for Adults in Crisis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NURS | 472 |

**Teaching Area**
NURS
**Course Title**
Clinical Practicum for Adults in Crisis
**Course Description**
Clinical practicum in the nursing interventions and care for individuals and families in crisis.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2.5

**Fixed**
2.5

### Lecture Hours

**Fixed**
0

## NURS 478 - Nursing Skills V

### Course Information

**Course Number**
478
**Teaching Area**
NURS
**Course Title**
Nursing Skills V
**Course Description**
0.5 lab course focuses on cognitive and psychomotor advanced student nursing skills development and application with hands-on, interactive learning activities and pass-offs in the Nursing Learning Center.
**Department**
1015
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
1.5

**Other Prerequisites**
Courses in Nursing Semester 4.
**Note**
13-14 hours clinical per week for 8 weeks (includes pre-assessment).

| Title | Tags |
|---|---|
| Application of Nursing Knowledge and Skills | 203700, 0, 0 |

**Learning Outcome**
Demonstrate clinical judgment and skills as the student nurses notice, assess, develop, and implement appropriate nursing interventions related to the acutely ill patient in the clinical setting.

| Title | Tags |
|---|---|
| Pharmaceutical Nursing Knowledge | 207088, 0, 1 |

**Learning Outcome**
Identify, interpret, and evaluate appropriate nursing actions in the clinical setting related to pathophysiology, pharmacodynamics, clinical data, and hemodynamics related to the acutely ill patient.

| Title | Tags |
|---|---|
| End of Life Patient Centered Care | 207087, 0, 2 |

**Learning Outcome**
Examine and support death, dying, and other end-of-life issues in the clinical setting, that impact acutely ill patients and their families.

| Title | Tags |
|---|---|
| Nursing Skills | 213140, 0, 1, 2023-08-01 14:33:19 |

**Learning Outcome**
The student will demonstrate competency in essential nursing clinical skills by achieving 85% in Objective Standardized Clinical Examination (OSCE) skills testing.

| Title | Tags |
|---|---|
| Clinical Judgement | 213141, 0, 2, 2023-08-01 14:33:19 |

**Learning Outcome**
Students will apply clinical judgment concepts to deliver evidence-based interventions which are transferable to professional practice.

## NURS 491 - Nursing Capstone

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| NURS | 491 |

**Teaching Area**
NURS
**Course Title**
Nursing Capstone
**Course Description**
Advanced theory and synthesis of concepts for the nursing profession focusing on planning, delivering, and managing patient care in complex environments including leadership in the health care environment.
**When Taught**
Fall and Winter

## NURS 492 - Clinical Practicum for Capstone Nursing

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| NURS | 492 |

**Teaching Area**
NURS
**Course Title**
Clinical Practicum for Capstone Nursing
**Course Description**
Clinical practicum focusing on planning, delivering, and managing patient care in complex environments. Leadership components incorporated into clinical experiences and practices.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- NURS 351 - Nursing Care of Women and Newborns
  **AND** NURS 361 - Nursing Care of Families: Children

**Additional Comments:**

**Other Prerequisites**
Courses in Nursing Semester 5.

| Title | Tags |
|---|---|
| Evidence Based Nursing and Health Systems | 203864, 2 |

**Learning Outcome**
Initiate and contribute to evidence-based, patient-centered initiatives to improve quality and safety in health systems.

| Title | Tags |
|---|---|
| Leadership and Collaboration | 203865, 1 |

**Learning Outcome**
Demonstrate beginning proficiency in collaborative leadership with an interdisciplinary team.

| Title | Tags |
|---|---|
| Technology and Health Information for Quality Care | 203866, 3 |

**Learning Outcome**
Use new technologies and health

### Credit Hours

**Min**
5

**Fixed**
5

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
Courses in Nursing Semester 5.
**Note**
Requires 210 hours per semester (150 clinical hours; 12 bridging hours; 24 simulation hours; and 24 mentoring hours.)).

| Title | Tags |
|---|---|
| Integration of Gospel Values | 203603, 0, 1 |

**Learning Outcome**
Incorporate and exhibit the principles of the Gospel of Jesus Christ as part of personal and professional behaviors by embracing the 'Healer's Art.'

| Title | Tags |
|---|---|
| Interprofessional Communication and Collaboration | 209992, 0, 3 |

**Learning Outcome**
Successfully engage with interdisciplinary healthcare professionals by demonstrating communication and collaboration skills that foster team respect and deliver high-quality patient-centered care.

| Title | Tags |
|---|---|
| Professionalism | 209906, 0, 4 |

**Learning Outcome**
Exemplify and advocate for the nursing profession exhibiting the values of altruism, excellence, caring, civility, autonomy, human dignity, integrity, and social justice fundamental to the discipline of nursing.

| Title | Tags |
|---|---|
| Clinical Judgment & Evidence Based Practice | 203675, 0, 2 |

information systems to improve care quality

| Title | Tags |
| --- | --- |
| Healthcare Delivery Models | 203867, 4 |

**Learning Outcome**
Envision emerging healthcare delivery models in the context of a learning health system.

| Title | Tags |
| --- | --- |
| Healer's Art | 203868, 5 |

**Learning Outcome**
Apply the Healer's Art to improve individuals, teams, and systems in healthcare.

**Learning Outcome**
Use clinical judgment when formulating nursing care for individuals, families, and communities by applying evidence-based knowledge and a holistic approach.

| Title | Tags |
| --- | --- |
| Generalist Nursing Practice | 209993, 0, 5 |

**Learning Outcome**
Respond to a patient's condition or a clinical situation using appropriate prioritization, delegation, and communication and demonstrating safe, efficient, and compassionate care.

| Title | Tags |
| --- | --- |
| Quality of Nursing Care Delivery, Patient Safety, and the Health Care System | 209996, 0, 6 |

**Learning Outcome**
Provide high-quality patient-centered and population-based health care by demonstrating leadership, quality improvement, and patient safety knowledge and skills.

## NURS 505 - Interprofessional Education for the Health Professions

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NURS | 505 |

**Teaching Area**
NURS
**Course Title**
Interprofessional Education for the Health Professions
**Course Description**
The acquisition of knowledge of interprofessional education (IPE) and teamwork in the health professions. IPE will be explored from the perspectives of roles and responsibilities for collaborative practice. Values and ethics for interprofessional collaboration. Issues and complexities surrounding patient safety, patient advocacy, teams, teamwork and communication particularly how to deal with conflict. Quality Improvement strategies, patient-centered care, evidenced-based collaborative practice and leadership impact on the individual, family, health care system, and society. Course participants will individually determine their personal perspectives about teamwork and interprofessional education.
**When Taught**
Fall

## NURS 555 - Pharmacology in Advanced Practice

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| NURS | 555 |

**Teaching Area**
NURS
**Course Title**
Pharmacology in Advanced Practice
**Course Description**
Principles of pharmacology, prescribing and managing drug therapy for advanced practice nurses.
**Department**
1015
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Advancement of Knowledge | 210147, 0, 1 |

Learning Outcome
Student will demonstrate an advanced level of knowledge in chosen specialty area.

| Title | Tags |
| --- | --- |
| Foundational Knowledge | 210149, 0, 3 |

Learning Outcome
Generate a knowledge base of interprofessional education (IPE) and teamwork and issues associated with health professional teams.

| Title | Tags |
| --- | --- |
| Application | 210150, 0, 4 |

Learning Outcome
Use knowledge concepts to solve IPE and team issues recognizing that interprofessional care is essential for quality health care.

| Title | Tags |
| --- | --- |
| Integration | 210151, 0, 5 |

Learning Outcome
Compare and connect IPE and teamwork impact on team members, the health care system, as well as the individual, family and community.

Title Tags

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Prescribing Medications | 203715, 0, 5 |

Learning Outcome
Correctly prescribes medications for various disease states considering drug-to-drug interactions.

| Title | Tags |
| --- | --- |
| Pathophysiology of Disease States | 203707, 0, 1 |

Learning Outcome
Describes from a therapeutic standpoint the root causes of various disease states and the effect of pharmacological treatment.

| Title | Tags |
| --- | --- |
| Drug Classification Effects | 203708, 0, 2 |

Learning Outcome
Explains how various drug classes alter and treat the root causes or symptoms of diseases.

| Title | Tags |
| --- | --- |
| Drug Classifications | 203713, 0, 3 |

Learning Outcome
Identifies ambulatory care drugs in each drug class including their standard doses and directions.

| Title | Tags |
| --- | --- |
| Appropriate Drug Therapy | 203714, 0, 4 |

Learning Outcome
Selects an appropriate therapy based on guidelines and cost-effectiveness.

| Title | Tags |
| --- | --- |
| Human Dimension | 210152, 0, 6 |

**Learning Outcome**
Compose a personal perspective toward interprofessional education and teamwork

| Title | Tags |
| --- | --- |
| Caring | 210153, 0, 7 |

**Learning Outcome**
Create a perspective on IPE and teamwork that validates the individual importance of God's children that recognizes the potential of each team member and acknowledges that IPE perspectives include the whole (biopsychosocial and spiritual) person.

| Title | Tags |
| --- | --- |
| Learning how to learn | 210154, 0, 8 |

**Learning Outcome**
Reflect on how personal development is connected to professional development as a life-long learner.

| Title | Tags |
| --- | --- |
| Evaluation of current information | 210148, 0, 2 |

**Learning Outcome**
Students will analyze and evaluate current research, literature, best practices, and guidelines related to special topic area.

| Title | Tags |
| --- | --- |
| Decision-Making Skills | 212908, 0, 6 |

**Learning Outcome**
Applies appropriate decision-making skills in initiating, monitoring, and modifying pharmacological treatment plans.

| Title | Tags |
| --- | --- |
| Pharmacodynamics/Pharmacokinetics | 212909, 0, 7 |

**Learning Outcome**
Demonstrates an understanding of the relationship between patients' physiological/pathological variables and pharmacodynamics/pharmacokinetics.

| Title | Tags |
| --- | --- |
| Pharmacotherapeutics | 212910, 0, 8 |

**Learning Outcome**
Applies individualized, evidence-based knowledge of pharmacotherapeutics to patients based on age, gender, race, culture, pathological condition, and individual needs.

## NURS 590R - Special Topics

### Course Information

**Teaching Area (new)**
NURS

**Course Number**
590R

**Teaching Area**
NURS

**Course Title**
Special Topics

**Course Description**
Individualized study.

**Department**
1015

**When Taught**
Fall, Winter, Spring

**Credit Hours**

**Min**
0.5

**Fixed**
4

**Other Prerequisites**
Instructor's consent

| Tags | Learning Outcome |
|---|---|
| 214274, 0, 1, 2023-08-29 11:45:21 | Students will identify an area where increased skills/knowledge are needed. |
| 214275, 0, 2, 2023-08-29 11:45:23 | Students will develop a plan to increase the skills/knowledge. |
| 214276, 0, 3, 2023-08-29 11:45:24 | Students will implement a plan to demonstrate increased desired skills/knowledge. |

## NURS 599R - Graduate Nursing Internship

### Course Information

**Teaching Area (new)**
NURS

**Course Number**
599R

**Teaching Area**
NURS

**Course Title**
Graduate Nursing Internship

**Course Description**
Internship experiences provide international students opportunities to reinforce principles learned during their graduate coursework and practice skills acquired during undergraduate education. Internship students are primarily responsible for how much they learn. Students will engage in the work of a registered nursing in Utah and reflect on the differences and similarities between practice as a registered nurse and their future practice as a family nurse practitioner.

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
1

**Fixed**
4

**Note**
An APPROVED Internship Application is required before adding.

## P POL 501 - Introduction to Policy Analysis

### Course Information

**Teaching Area (new)**
P POL

**Course Number**
501

**Teaching Area**
P POL

**Course Title**
Introduction to Policy Analysis

**Course Description**
Models of policy analysis; defining policy; problems and policy analysis questions.

**When Taught**
Contact Department

## P POL 502 - Policy Process

### Course Information

**Teaching Area (new)**
P POL

**Course Number**
502

**Teaching Area**
P POL

**Course Title**
Policy Process

**Course Description**
Models of public policy making; interaction of politics and policy making.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Policy-Making Processes | 183920, 1 |

**Learning Outcome**
Understand the policy-making process, particularly the political realities associated with adopting, implementing, and evaluating policy.

| Title | Tags |
| --- | --- |
| Effective Research | 183934, 0 |

**Learning Outcome**
Conduct extensive background research relevant to a wide range of social problems.

| Title | Tags |
| --- | --- |
| Effective Writing | 183958, 2 |

**Learning Outcome**
Write effectively for different audiences, including elected officials and other policy decision makers, policy analysts, and the public

| Title | Tags |
| --- | --- |
| Effective Communication | 184033, 3 |

**Learning Outcome**
Achieve excellence in making oral presentations to different kinds of audiences and master presentation software.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Write Effectively | 183978, 1 |

**Learning Outcome**
Write effectively for different audiences, including elected officials and other policy decision makers, policy analysts, and the public

| Title | Tags |
| --- | --- |
| Policy-Making Processes | 184011, 0 |

**Learning Outcome**
Understand the policy-making process, particularly the political realities associated with adopting, implementing, and evaluating policy.

| Title | Tags |
| --- | --- |
| Effective Communication | 184019, 2 |

**Learning Outcome**
Achieve excellence in making oral presentations to different kinds of audiences and master presentation software.

## P POL 505 - Normative Theories of Policy Analysis

### Course Information

**Teaching Area (new)**
P POL

**Course Number**
505

**Teaching Area**
P POL

**Course Title**
Normative Theories of Policy Analysis

**Course Description**
Alternative norms and values used in making policy choices.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Policy Criteria Evaluation | 183918, 0 | Compare different normative criteria in making policy choices. |
| Policy Analysis | 184111, 1 | Identify the costs and benefits accruing to different groups of people from different policy alternatives. |

## P POL 599R - Academic Internship

### Course Information

**Teaching Area (new)**
P POL

**Course Number**
599R

**Teaching Area**
P POL

**Course Title**
Academic Internship

**Course Description**
Internship with an organization conducting policy analysis.

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
P Pol 501, 502, 505, 603, 604; Econ 380, 382, 475, or equivalents

| Title | Tags | Learning Outcome |
|---|---|---|
| Policy Brief | 183965, 1 | Write a policy brief relative to something you learned or studied in your internsihp |
| Internship | 184049, 0 | Complete a professional internship in the public policy field |

## PERSI 100 - Language Study: Persian

### Course Information

**Teaching Area (new)**
PERSI

**Course Number**
100

## PERSI 101 - First-Year Language Study: Persian

### Course Information

PERSI 100
Teaching Area
PERSI
Course Title
Language Study: Persian
Course Description
Survival-level conversation, reading, listening, and culture skills in Persian.
Department
Language Studies
When Taught
Contact Department

## Credit Hours

Min
2

Fixed
2

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 197670, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197671, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197672, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

Teaching Area (new) Course Number
PERSI 101
Teaching Area
PERSI
Course Title
First-Year Language Study: Persian
Course Description
Beginning speaking, listening, reading, and writing skills in Persian.
Department
Language Studies
When Taught
Contact Department

## Credit Hours

Min
4

Fixed
4

## Lecture Hours

Fixed
5

## Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 197673, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197674, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197675, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197676, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## PERSI 102 - First-Year Language Study: Persian

### Course Information

**Teaching Area (new)**
PERSI
**Course Number**
102
**Teaching Area**
PERSI
**Course Title**
First-Year Language Study: Persian
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Persian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PERSI 101 - First-Year Language Study: Persian

**Additional Comments:**

## PERSI 201 - Second-Year Language Study: Persian

### Course Information

**Teaching Area (new)**
PERSI
**Course Number**
201
**Teaching Area**
PERSI
**Course Title**
Second-Year Language Study: Persian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Persian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- PERSI 102 - First-Year Language Study: Persian

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 197677, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 197678, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 197679, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 197680, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

Prerequisites

**Complete ALL of the following Courses:**
- FLANG 102R - First-Year Language Study

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197681, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197682, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197683, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 197684, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## PERSI 202 - Second-Year Language Study: Persian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PERSI | 202 |

**Teaching Area**
PERSI
**Course Title**

## PERSI 305 - Language Skills Development: Persian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PERSI | 305 |

**Teaching Area**
PERSI
**Course Title**

Second-Year Language Study: Persian

**Course Description**
Continued emphasis on Persian communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PERSI 201 - Second-Year Language Study: Persian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197685, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197686, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions.

Language Skills Development: Persian

**Course Description**
Increasing proficiency in one or more of the following Persian language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197689, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197690, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197691, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197687, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197688, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## PERSI 321 - Advanced Grammar: Persian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PERSI | 321 |

**Teaching Area**
PERSI
**Course Title**
Advanced Grammar: Persian
**Course Description**
Systematic review of grammar and syntax of Persian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## PERSI 330 - Advanced Language Proficiency Through Cultural Studies: Persian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PERSI | 330 |

**Teaching Area**
PERSI
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Persian
**Course Description**
Study of Persian culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PERSI 202 - Second-Year Language Study: Persian

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197692, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197693, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 197694, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Persi 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197695, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197696, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197697, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|

General Education Requirements197698, 4

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## PERSI 340 - Introduction to Literature: Persian

### Course Information

**Teaching Area (new)**
PERSI

**Course Number**
340

**Teaching Area**
PERSI

**Course Title**
Introduction to Literature: Persian

**Course Description**
Advanced study of Persian literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PERSI 330 - Advanced Language Proficiency Through Cultural Studies: Persian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## PERSI 350 - Advanced Language Study for Career Purposes: Persian

### Course Information

**Teaching Area (new)**
PERSI

**Course Number**
350

**Teaching Area**
PERSI

**Course Title**
Advanced Language Study for Career Purposes: Persian

**Course Description**
Concentration on Persian language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PERSI 330 - Advanced Language Proficiency Through Cultural Studies: Persian

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 197703, 1 |

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 197699, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 197700, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 197701, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197702, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 197703, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 197704, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197705, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197706, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197707, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## PETE 169 - Elementary Skills and Activities

### Course Information

## PETE 212 - Physical and Health Education for Elementary School Teachers

Teaching Area (new)
PETE
Course Number
169
Teaching Area
PETE
Course Title
Elementary Skills and Activities
Course Description
Physical skills and activities specific to elementary-age children.
Department
Teacher Education
When Taught
Fall, Winter, Spring

### Credit Hours

Min
1
Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

Note
Required for elementary education majors.

| Title | Tags |
|---|---|
| Skills for Physical Education | 178747, 1 |

Learning Outcome
1. The students will develop the skills for physical education activities taught in elementary schools.

## Course Information

Teaching Area (new)
PETE
Course Number
212
Teaching Area
PETE
Course Title
Physical and Health Education for Elementary School Teachers
Course Description
Required for state licensure and designed to provide prospective elementary school teachers with an understanding of the need for, necessary content, and field experience working in an effective, quality physical education program. Areas of focus include the instructional process, class management and discipline, program implementation, materials, issues affecting the elementary school physical education program and its students, and strategies and activities for learning. Addresses elementary health education, including protective factors of healthy self, mental and emotional health, safety and disease prevention, substance abuse prevention, nutrition, and human development. Includes early and frequent field-based experiences that provide the opportunity to practice and refine new-teacher performance standards in the physical education setting. Aligned with both the BYU-Public School Partnership Five Commitments and UETS teaching standards.
Department
Teacher Education
When Taught
Fall, Winter, Spring

### Credit Hours

Min
2
Fixed
2

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
3

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- PETE 169 - Elementary Skills and Activities

**Additional Comments:**

Other Prerequisites
FBI fingerprint and background clearance.

| Title | Tags |
|---|---|
| Outcome 1 | 178845, 1 |

| Title | Tags |
| --- | --- |
| Outcome 1 | 178845, 1 |

**Learning Outcome**
Identify the purposes and objectives of physical education in the elementary school curriculum as evidenced by written examinations.

| Title | Tags |
| --- | --- |
| Outcome 3 | 178847, 3 |

**Learning Outcome**
Discuss the major ways to establish and maintain a teaching environment which is conducive to learning. Major categories should include instructional cues, feedback, teaching styles, and skill presentation as assessed by written examination.

| Title | Tags |
| --- | --- |
| Outcome 2 | 179077, 2 |

**Learning Outcome**
Describe the four basic parts of a lesson plan and the requisite planning required for effective presentation of the plan as evidenced by video analysis of actual teaching PE lessons in the public schools.

| Title | Tags |
| --- | --- |
| Outcome 4 | 179078, 5 |

**Learning Outcome**
Effectively teach, manage, and discipline students in a physical education class as evidenced by successfully teaching in th epublic schools assessed by video analysis and final video project.

| Title | Tags |
| --- | --- |
| Outcome 5 | 179079, 6 |

**Learning Outcome**
Analyze your teaching using digital video by identifying instances of teaching which show your teaching abilities based on the desired competencies and explain how you met the competency as evidenced by video analysis final project.

| Title | Tags |
| --- | --- |
| Outcome 6 | 179080, 7 |

**Learning Outcome**
Understand basic principles of fitness, physical activity, and motivation and how these principles relate to children's growth and development in these areas as assessed by written examination.

| Title | Tags |
| --- | --- |
| Outcome 7 | 179081, 8 |

**Learning Outcome**
Understand motivation in physical education as assessed by written examination.

| Title | Tags |
| --- | --- |
| Outcome 8 | 179082, 9 |

**Learning Outcome**
Understand important liability principles applicable to a physical education class as assessed by written examination.

| Title | Tags |
| --- | --- |
| Outcome 9 | 179083, 10 |

**Learning Outcome**
Demonstrate ability to perform specific desired competencies as evidenced by the final video project.

## PETE 227 - Fitness for Life

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PETE | 227 |

**Teaching Area**
PETE
**Course Title**
Fitness for Life
**Course Description**
Fitness wellness knowledge and skills. Application of these principles to promote a lifelong healthy lifestyle.\n
**Department**
Teacher Education
**When Taught**
Fall, Winter, Spring

**Credit Hours**

## PETE 228 - Team Sport Fundamentals and Fitness for Life

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PETE | 228 |

**Teaching Area**
PETE
**Course Title**
Team Sport Fundamentals and Fitness for Life
**Course Description**
Skills, content, and pedagogical knowledge in team sports: soccer, basketball, volleyball, and football. Also covers Fitness for Life.
**Department**
Teacher Education
**When Taught**
Fall

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Functional Fitness | 208215, 0, 1 |

Learning Outcome
Understand functional fitness principles and assess personal functional fitness levels

| Title | Tags |
| --- | --- |
| Fitness Components | 208216, 0, 2 |

Learning Outcome
Identify the five fitness components(cardiorespiratory fitness, flexibility, muscular strength and endurance, and body composition/weight management) and their health-related benefits

| Title | Tags |
| --- | --- |
| Assess Personal Fitness Status | 208217, 0, 3 |

Learning Outcome
For each fitness component, assess current personal status, and write an individualized program

| Title | Tags |
| --- | --- |
| Environmental Factors that Affect Exercise | 208218, 0, 4 |

Learning Outcome
Identify environmental factors that affect exercise

| Title | Tags |
| --- | --- |
| Professional Behavior | 208219, 0, 5 |

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
4

| Title | Tags |
| --- | --- |
| Team Sport Fundamentals | 178949, 1 |

Learning Outcome

Students will demonstrate knowledge of sport/activity specific skills, drills, rules and strategies and their applications to secondary PE settings as demonstrated on an exam.
Students will know a variety of sport/activity specific drills and activities that can be used in future teaching through participation in class.
Students will demonstrate how to teach a sport/activity specific skill, drill, or strategy through a group teaching assignment.
Students will demonstrate skill ability in the basic sport/activity skills through a skill assessment.
Students will demonstrate understanding of the five fitness components and apply them in individual life: cardiovascular endurance, flexibility, muscular strength and endurance, and body composition.

**Learning Outcome**
Students will conduct themselves in a professional manner in accordance with Utah State Board Rule R277-515

## PETE 230 - K-12 Physical Activities Content and Skills 1

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
230

**Teaching Area**
PETE

**Course Title**
K-12 Physical Activities Content and Skills 1

**Course Description**
Skills, content, and pedagogical knowledge in lifetime activities: jogging, soccer, softball, tennis. Also covers legal issues in PE.

**Department**
Teacher Education

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admittance into PETE program.

**Title**
Drills and Lead-up Games

**Tags**
178758, 3

**Learning Outcome**
Learn basic drills and lead-up games for each sport

**Title**
Technique of Each Sport

**Tags**
178759, 1

**Learning Outcome**

## PETE 231 - K-12 Physical Activities Content and Skills 2

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
231

**Teaching Area**
PETE

**Course Title**
K-12 Physical Activities Content and Skills 2

**Course Description**
Skills, content, and pedagogical knowledge in lifetime activities: aerobics, badminton, basketball, swimming, and volleyball.

**Department**
Teacher Education

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admittance into PETE program.

**Title**
Skills Assessment

**Tags**
178735, 3

**Learning Outcome**
Demonstrate skill ability in the basic sport/activity skills through a skill assessment.

**Title**
Sport Specific Drills

**Tags**
178736, 1

Demonstrate proper technique for the major skills of each sport

| Title | Tags |
| --- | --- |
| Skills of Each Sport | 178760, 1 |

**Learning Outcome**
Develop basic skills for each sport/activity

| Title | Tags |
| --- | --- |
| Rules of Each Sport | 178764, 2 |

**Learning Outcome**
Learn the basic rules of each sport/activity

| Title | Tags |
| --- | --- |
| Ensuring Safety | 178772, 4 |

**Learning Outcome**
Understand how to ensure safety in the physical education program, focusing on prevention

| Title | Tags |
| --- | --- |
| Fitness for Life | 179085, 5 |

**Learning Outcome**
Demonstrate an understanding of the components of fitness for life.

**Learning Outcome**
The students will know a variety of sport/activity specific drills and activities that can be used in future teaching through participation in class.

| Title | Tags |
| --- | --- |
| Application to Secondary PE | 178780, 1 |

**Learning Outcome**
The students will demonstrate knowledge of sport/activity specific skills, drills, rules and strategies and their applications to Secondary PE settings as demonstrated on an exam.

| Title | Tags |
| --- | --- |
| Group Teaching Assignment | 178812, 2 |

**Learning Outcome**
The students wil demonstrate how to teach a sport/activity specific skill, drill, or strategy through a group teaching assignment.

## PETE 232 - Physical Education Pedagogy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PETE | 232 |

**Teaching Area**
PETE
**Course Title**
Physical Education Pedagogy
**Course Description**
Sport pedagogy for students minoring in coaching and teaching physical education.
**Department**
Teacher Education
**When Taught**
Winter

### Credit Hours

**Min**
3

## PETE 274 - Fundamental Skills and Teaching Methods for Elementary Physical Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PETE | 274 |

**Teaching Area**
PETE
**Course Title**
Fundamental Skills and Teaching Methods for Elementary Physical Education
**Course Description**
Identifying and demonstrating fundamental skills; identifying immature and mature movement patterns; selecting developmentally appropriate activities; appropriate management techniques.
**Department**
Teacher Education
**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PETE 230 - K-12 Physical Activities Content and Skills 1

**Additional Comments:**

**Other Prerequisites**
Physical Education/Coaching minor status.

| Title | Tags |
|---|---|
| professionalism | 178713, 5 |

**Learning Outcome**
Learn how to be an effective observer and evaluator of your peer by completing a peer evaluation form for each lesson taught.

| Title | Tags |
|---|---|
| professionalism | 178731, 4 |

**Learning Outcome**
Analyze and evaluate your teaching performance by watching the video of each of your teaching performance and completing a self-evaluation form setting goals and strategies to be implemented in the next lesson.

| Title | Tags |
|---|---|
| instructional strategies | 178740, 1 |

**Learning Outcome**
Understand current instructional methods and the theories upon which they are based.

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Concurrent enrollment in PETE 230; FBI fingerprint and background clearance.
**Note**
For PETE majors only.

| Title | Tags |
|---|---|
| National Standard | 178727, 1 |

**Learning Outcome**
Demonstrate an understanding of the National Standards for Elementary School Physical Education

| Title | Tags |
|---|---|
| Classroom Management | 178729, 1 |

**Learning Outcome**
Learn the tools to effectively manage and instruct a classroom

| Title | Tags |
|---|---|
| Lessons Management | 178765, 2 |

**Learning Outcome**
Learn, select and implement in your lessons management and instruction strategies based on developmental levels, and safety issues.

| Title | Tags |
|---|---|
| Apply Activities from Diverse Perspectives | 178778, 3 |

**Learning Outcome**
Apply activities and techniques that encourages learners to see, question, and interpret physical activity from diverse perspectives

| Title | Tags |
| --- | --- |
| content knowledge | 178748, 0 |

**Learning Outcome**
Acquire the basic knowledge and skills necessary to effectively help secondary students become physically educated.

| Title | Tags |
| --- | --- |
| learning environment | 178761, 3 |

**Learning Outcome**
Learn the tools to effectively manage and instruct a physical education classroom.

| Title | Tags |
| --- | --- |
| planning | 178767, 2 |

**Learning Outcome**
Develop and demonstrate the ability to teach using a variety of teaching styles and methods effectively in the physical education setting.

## PETE 276R - Exploration of Teaching

### Course Information

**Teaching Area (new)**
PETE
**Course Number**
276R
**Teaching Area**
PETE
**Course Title**
Exploration of Teaching
**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.
**Department**
Teacher Education
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

## PETE 300 - Advocacy for Physical Education

### Course Information

**Teaching Area (new)**
PETE
**Course Number**
300
**Teaching Area**
PETE
**Course Title**
Advocacy for Physical Education
**Course Description**
Historical and sociological cornerstones of physical education.
**Department**
Teacher Education
**When Taught**
Fall

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PETE 230 - K-12 Physical Activities Content and Skills 1 **AND** PETE 274 - Fundamental Skills and Teaching Methods for Elementary Physical Education

**Additional Comments:**

**Other Prerequisites**
FBI fingerprint and background clearance

| Title | Tags |
|---|---|
| National Standards | 178861, 1 |

**Learning Outcome**
Demonstrate an understanding of the National Standards in relationship to junior high school students as evidenced through the TWS assignment.

| Title | Tags |
|---|---|
| Professionalism | 178862, 1 |

**Learning Outcome**
Demonstrate attitudes and behaviors that exhibit professionalism. Students will demonstrate competence as evidences by their attendance in class, appropriate dress, lesson plan preparation, and the group TWS assignment.

| Title | Tags |
|---|---|
| Assessment Strategies | 178863, 2 |

**Learning Outcome**
Students will demonstrate traditional and authentic assessment strategies by applying them to an assigned unit of instruction, creating objectives and designing assessments to meet those objectives in all three learning domains completing two sections of the Teacher Work Sample (TWS).

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admittance into PETE program

| Title | Tags |
|---|---|
| Past, Present and Future | 178851, 1 |

**Learning Outcome**
Use the knowledge and experience of the past to understand the programs of today and apply it toward building programs of the future. Students will demonstrate competence as evidenced by the advocacy mid-term exam.

| Title | Tags |
|---|---|
| Written and Verbal Communication | 178853, 1 |

**Learning Outcome**
Be able to interpret and communicate knowledge and experience in both written and verbal forms. Students will demonstrate competence as evidences by the professionalism reaction papers, advocacy exam, advocacy media campaign, physical education history presentation, and the final teaching philosophy paper

| Title | Tags |
|---|---|
| Effective Advocacy | 178855, 2 |

**Learning Outcome**
Demonstrate an understanding of the principles of effective advocacy in the K-12 school teaching setting. Students will demonstrate competence as evidences by the professionalism reaction papers, advocacy mid-term exam, and the media campaign assignment.

| Title | Tags |
|---|---|
| History of Physical Education | 178856, 3 |

**Learning Outcome**
Demonstrate an understanding of the history of physical education and its impact on the future. Students will

| Title | Tags |
| --- | --- |
| Lesson Planning | 178864, 3 |

**Learning Outcome**
Write developmentally appropriate lesson plans for junior high school students using the known characteristics of junior high students. Students will demonstrate competence as evidenced by completed lesson plans required as a part of the middle school teaching practicum experience.

| Title | Tags |
| --- | --- |
| Trends in Physical Education | 178865, 4 |

**Learning Outcome**
Students will demonstrate the ability to identify the current trends in physical education assessment and grading strategies as evidenced through written reaction papers, and quizzes.

| Title | Tags |
| --- | --- |
| Management Skills | 178866, 5 |

**Learning Outcome**
Model appropriate instruction and management skills when teaching junior high students. Students will demonstrate competence through completion of the desired competency viewing assignment, and the final desired competency project from their middle school teaching practicum experience.

demonstrate competence of this on the physical education history quiz and group presentation.

| Title | Tags |
| --- | --- |
| Professionalism | 178857, 4 |

**Learning Outcome**
Be examples of Christian living by being kind and attentive during class discussions, classmates' presentations, and looking for opportunities to serve one another. Students will demonstrate competence through the professionalism assignments, group media campaign assignment, and the physical education history group presentation.

## PETE 301 - K-12 Healthy and Active Lifestyle Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PETE | 301 |

**Teaching Area**
PETE
**Course Title**
K-12 Healthy and Active Lifestyle Management
**Course Description**
Understanding the content and pedagogical knowledge required to manage a healthy and active lifestyle; how to impart this knowledge to public school students.

## PETE 330R - Coaching Selected Sports

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PETE | 330R |

**Teaching Area**
PETE
**Course Title**
Coaching Selected Sports
**Course Description**
Theory, fundamentals, strategies, and techniques for coaching sports sanctioned by the Utah High School Athletic Association.
**Department**
Teacher Education
**When Taught**

**Department**
Teacher Education
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admittance into PETE program.

| Title | Tags |
| --- | --- |
| content knowledge | 178833, 0 |

**Learning Outcome**
Learn and apply lifestyle (nutrition/weight control and physical activity) management skills in their personal lives as assessed via LoseIt online logging program.

| Title | Tags |
| --- | --- |
| curriculum knowledge | 178834, 1 |

**Learning Outcome**
Demonstrate understanding of current curricular trends specific to healthy lifestyle choices such as the health club model as assessed via written examinations.

| Title | Tags |
| --- | --- |
| learning environments | 178835, 2 |

**Learning Outcome**
Demonstrate understanding and ability to design, implement and manage a healthy and active school environment program as evidenced by completing a group project and presentation.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Appropriate skills and teaching techniques class or equivalent in the sport in which the student will do their coaching internship

| Title | Tags |
| --- | --- |
| Risk Management | 178730, 1 |

**Learning Outcome**
Understand procedures, guidelines, and duties of the coach as they relate to risk management.

| Title | Tags |
| --- | --- |
| Rules and Strategies | 178749, 3 |

**Learning Outcome**
Demonstrate knowledge of the rules and strategies of your selected sport.

| Title | Tags |
| --- | --- |
| Offense, Defense, etc. | 178754, 1 |

**Learning Outcome**
Gain an understanding of offense, defense, special situations, and philosophy.

| Title | Tags |
| --- | --- |
| Discuss with Other Coaches | 178774, 2 |

**Learning Outcome**
Understand the importance of discussing the sport, how it should be taught, and safety procedures with other coaches.

| Title | Tags |
| --- | --- |
| Pedagogy | 178836, 4 |

**Learning Outcome**

Demonstrate understanding and application of concepts specific to healthy and active lifestyle management and their accompanying pedagogical strategies as evidenced by micro/peer teaching assignment.

## PETE 335 - Coaching Competitive Swimming

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
335

**Teaching Area**
PETE

**Course Title**
Coaching Competitive Swimming

**Course Description**
Theory, fundamentals, strategies, and techniques of coaching swimming.

**Department**
Teacher Education

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Appropriate skills and teaching techniques class or equivalent

| Title | Tags |
| --- | --- |
| Rules and Strategies | 178768, 1 |

**Learning Outcome**
The students will demonstrate knowledge of the rules and strategies of your selected sport .

## PETE 341 - Coaching Basketball

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
341

**Teaching Area**
PETE

**Course Title**
Coaching Basketball

**Course Description**
Theory, fundamentals, strategies, and techniques of coaching basketball.

**Department**
Teacher Education

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Appropriate skills and teaching techniques class or equivalent

| Title | Tags |
| --- | --- |
| Rules of Strategies | 178801, 1 |

**Learning Outcome**
The students will demonstrate knowledge of the rules and strategies of your selected sport .

## PETE 342 - Coaching Track and Field

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
342

**Teaching Area**
PETE

**Course Title**
Coaching Track and Field

**Course Description**
Theory, fundamentals, strategies, and techniques of coaching track and field.

**Department**
Teacher Education

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Appropriate skills and teaching techniques class or equivalent.

| Title | Tags |
|---|---|
| Rules and Strategies | 178720, 1 |

**Learning Outcome**
The students will demonstrate knowledge of the rules and strategies of your selected sport .

## PETE 344 - Coaching Football

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
344

**Teaching Area**
PETE

**Course Title**
Coaching Football

**Course Description**
Theory, fundamentals, strategies, and techniques of coaching football.

**Department**
Teacher Education

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Appropriate skills and teaching techniques class or equivalent

| Title | Tags |
|---|---|
| Rules and Strategies | 178743, 1 |

**Learning Outcome**
The students will demonstrate knowledge of the rules and strategies of football .

## PETE 345 - Coaching Volleyball

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
345

**Teaching Area**
PETE

**Course Title**
Coaching Volleyball

**Course Description**
Theory, fundamentals, strategies, and techniques of coaching volleyball.

**Department**
Teacher Education

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Appropriate skills and teaching techniques class or equivalent

| Title | Tags | Learning Outcome |
|---|---|---|
| Rules and Strategies | 178779, 1 | The students will demonstrate knowledge of the rules and strategies of volleyball . |

## PETE 346 - Coaching Baseball and Softball

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
346

**Teaching Area**
PETE

**Course Title**
Coaching Baseball and Softball

**Course Description**
Theory, fundamentals, strategies, and techniques of coaching baseball and softball.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Appropriate skills and teaching techniques class or equivalent

| Title | Tags | Learning Outcome |
|---|---|---|
| Rules and Strategies | 178782, 1 | The students will demonstrate knowledge of the rules and strategies of baseball and softbball. |

## PETE 347 - Coaching Soccer

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
347

**Teaching Area**
PETE

**Course Title**
Coaching Soccer

**Course Description**

## PETE 364 - Scientific Bases of Sport: Motor Learning.

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
364

**Teaching Area**
PETE

**Course Title**

Theory, fundamentals, strategies, and techniques of coaching soccer.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Appropriate skills and teaching techniques class or equivalent

| Title | Tags |
| --- | --- |
| Rules and Strategies | 178715, 1 |

**Learning Outcome**
The students will demonstrate knowledge of the rules and strategies of soccer .

Scientific Bases of Sport: Motor Learning.

**Course Description**
Motor learning principles for physical education and coaching.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Practice Session Design | 178843, 1 |

**Learning Outcome**
The student will be able to understand and design practice sessions for students/athlete by successfully completing their final project

| Title | Tags |
| --- | --- |
| Foundations of Skill Instruction | 178844, 2 |

**Learning Outcome**
The student will be able to know foundations of skill instruction by successfully completing their final project.

| Title | Tags |
| --- | --- |
| Student/Athlete Skill Needs | 178846, 3 |

**Learning Outcome**
The student will be able to know students/athletes skill need by successfully completing their final project and passing the final exam.

## PETE 366 - Exercise Physiology for Physical

## PETE 377 - Secondary Practicum

## PETE 366 - Exercise Physiology for Physical Educators

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
366

**Teaching Area**
PETE

**Course Title**
Exercise Physiology for Physical Educators

**Course Description**
Physiology of activity for physical education teaching students.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
PETE 230 for majors; PETE 228 for minors.

**Recommended**
PDBio 305

**Title**
Exercise Physiology for Physical Educators

**Tags**
178950, 1

**Learning Outcome**

Students will deepen their understanding of how the human body functions and maintains homeostatis during the increased metabolic demands of exercise.
Students will understand the interaction of the nervous, muscle, cardiovascular, pulmonary, and metabolic systems at rest and during exercise.
Students will be able to design an age and developmentally appropriate, sport specific exercise and conditioning prescription for one of the following purposes: endurance

## PETE 377 - Secondary Practicum

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
377

**Teaching Area**
PETE

**Course Title**
Secondary Practicum

**Course Description**
Written and practical teaching assignments designed to help prospective teachers plan, conduct, and evaluate lessons and unit plans appropriate to adolescent students.

**Department**
Teacher Education

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PETE 231 - K-12 Physical Activities Content and Skills 2
  **AND** PETE 276R - Exploration of Teaching

**Additional Comments:**

**Other Prerequisites**
FBI fingerprint and background clearance.

**Note**
For PETE majors only.

**Title**
Unit Plan

**Tags**
178738, 5

**Learning Outcome**
The students will demonstrate competency in instructional design principles by completing a unit plan of instruction and passing the assignment.

following purposes: endurance, strength, and weight control.

| Title | Tags |
| --- | --- |
| Tasks for Running Program | 178815, 1 |

**Learning Outcome**
The students will understand the tasks associated with the effective running of a physical education program by completing a Task Summary sheet at their assigned school.

| Title | Tags |
| --- | --- |
| Design lesson plans | 178816, 6 |

**Learning Outcome**
Design effective lesson plans that include adaptations to accommodate all students' needs.

| Title | Tags |
| --- | --- |
| Self-evaluation of teaching | 178817, 8 |

**Learning Outcome**
Analyze their teaching by completing a self-evaluation form after each teaching experience, completing desired competencies and transcriptions of their teaching instances by using StudioCode software, and a final reflective paper on their teaching.

| Title | Tags |
| --- | --- |
| Peer evaluator | 178818, 9 |

**Learning Outcome**
Be a useful observer and evaluator on their teaching team by completing peer evaluation forms.

| Title | Tags |
| --- | --- |
| Tournaments | 178819, 2 |

**Learning Outcome**
The students will understand types of tournaments and when to use them as evidenced by passing the tournament quiz.

| Title | Tags |
| --- | --- |
| Literacy in Physical Education | 178820, 10 |

**Learning Outcome**
Understand how to integrate reading skills into the physical education curriculum by passing the reading assignment.

| Title | Tags |
| --- | --- |
| Management and Instructional Strategies | 178821, 7 |

**Learning Outcome**
The students will incorporate effective management and instructional strategies when teaching by obtaining an average rating above "1."

| Title | Tags |
| --- | --- |
| Professional and Ethical Behavior | 179097, 11 |

**Learning Outcome**
Students will conduct themselves in a professional manner in accordance with Utah State Board Rule R277-515

## PETE 399R - Academic Internship: Coaching

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
399R

**Teaching Area**
PETE

**Course Title**
Academic Internship: Coaching

**Course Description**
On-the-job experience in coaching.

**Department**
Teacher Education

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
4

### Lecture Hours

**Fixed**
0

## PETE 430 - Principles of Coaching

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
430

**Teaching Area**
PETE

**Course Title**
Principles of Coaching

**Course Description**
Developing a philosophy of coaching; understanding coaching responsibilities and techniques; preparing athletes; valuing professional relationships with others.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PETE 430 - Principles of Coaching

**Additional Comments:**

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Goals | 178876, 3 |

**Learning Outcome**
Students will demonstrate their ability to set goals for themselves and the athletes they work with by completing a goal assignment that asks them to set 3 goals for themselves and 3 goals for the athletes they work with then completing an assignment in which they evaluate their progress with those goals at the end of their internship.

| Title | Tags |
| --- | --- |
| Internship Hours | 178875, 0, 2 |

**Learning Outcome**
Students will demonstrate their abitlity to coach by completing at least 50 hours under the supervision of a head coach.

| Title | Tags |
| --- | --- |
| Evaluation of Progress | 178877, 0, 4 |

**Learning Outcome**
Students will demonstrate their ablity to grow and improve as a coach as evidenced by the feedback, mid season evaluation and final evaluation they receive from the head coach they work with.

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Philosophy of Coaching | 178822, 1 |

**Learning Outcome**
The student will develop a philosophy of coaching after discussion of the psychological, physiological and sociological implications of coaching students. Students will complete a written final discussing their philosophy in 23 different topic areas.

| Title | Tags |
| --- | --- |
| Professionalism | 178823, 2 |

**Learning Outcome**
The student will gain an understanding of various coaching responsibilities and team organizational procedures. Students will complete a detailed team budget, complete NFHS concussion certification, and complete reflection assignments.

| Title | Tags |
| --- | --- |
| Literate in the Content | 178824, 6 |

**Learning Outcome**
The student will become aware of the literature and resources available to aid coaches. Students will give group presentations after reviewing the UHSAA Handbook and completing a review of literature regarding Title IX, and students will complete reflection assignments in the areas of sport specialization and current topics.

| Title | Tags |
| --- | --- |
| Officiating Skills | 178825, 8 |

**Learning Outcome**
The student will gain an understanding of the preparation necessary for becoming an official for youth sports. Students will be able to discuss basic requirements to

officiate their chosen sport/s.

| Title | Tags |
| --- | --- |
| Developing Professional Relationships | 178826, 10 |

**Learning Outcome**
The student will develop an understanding of methods to develop a professional relationship with all stakeholders within the school. 1) Students will complete a written final. 2) Students will also be able to answer questions (Written Q and A) regarding their relationship as a coach with various stakeholders.

## PETE 450 - Psychology of Sport

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PETE | 450 |

**Teaching Area**
PETE
**Course Title**
Psychology of Sport
**Course Description**
Basic overview of sports psychology.
**Department**
Teacher Education
**When Taught**
Fall

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |

## PETE 461 - Adapted and Multicultural Physical Education for Teaching Majors

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PETE | 461 |

**Teaching Area**
PETE
**Course Title**
Adapted and Multicultural Physical Education for Teaching Majors
**Course Description**
Legal mandates, assessing and identifying special needs students, multicultural issues, and management and instructional techniques.
**Department**
Teacher Education
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

| Psychology of Sport | 178933, 1 |
|---|---|

**Learning Outcome**
PETE 450 is an inactive course. Learning Outcomes will be created if the course is offered.

**Other Prerequisites**
FBI fingerprint and background clearance.
**Note**
For questions related to fingerprint clearance, contact the Education Advisement Center (350 MCKB, 801-422-3426).

| Title | Tags |
|---|---|
| Meet needs | 178734, 1 |

**Learning Outcome**
*Use appropriate strategies, services, and resources to meet special and diverse learning needs.

| Title | Tags |
|---|---|
| Multicultural Integration | 178742, 7 |

**Learning Outcome**
Learn how to work and attend to the needs of multicultural students integrated in physical education

| Title | Tags |
|---|---|
| Student Integration | 178744, 5 |

**Learning Outcome**
Know how to teach students with disabilities integrated in regular physical education programs.

| Title | Tags |
|---|---|
| Physical Applications | 178750, 3 |

**Learning Outcome**
Know the principles that address the physiological and biomechanical applications encountered when working with diverse populations.

| Title | Tags |
|---|---|
| IEP | 178753, 6 |

**Learning Outcome**
Learn how to provide consultation and staff development activities related to students with disabilities and their IEP.

| Title | Tags |
|---|---|
| Instruction | 178762, 0 |

**Learning Outcome**
*Identify, select, and implement appropriate instruction that is

sensitive to the strength/weaknesses, multiple needs, learning style, and experiences of diverse learners.

| Title | Tags |
| --- | --- |
| Assessment | 178791, 4 |

**Learning Outcome**
Know how to assess and evaluate students with disabilities in order to make appropriate decisions about special services and program components.

| Title | Tags |
| --- | --- |
| Learning Environment | 178793, 2 |

**Learning Outcome**
*Create a learning environment which respects and incorporates learners' personal, family, cultural, and community experiences

## PETE 476R - Student Teaching - Physical Education

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
476R

**Teaching Area**
PETE

**Course Title**
Student Teaching - Physical Education

**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Completion of all course work or departmental approval; requires a total GPA of 3.0; at least a C in PETE 377; FBI fingerprint and background clearance.

| Title | Tags |
| --- | --- |

## PETE 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
PETE

**Course Number**
477R

**Teaching Area**
PETE

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
Teacher Education

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
0

| Employment Preparation | 178873, 5 |
|---|---|

**Learning Outcome**
Students will demonstrate competence in professional job preparation skills as evidenced by their resume, employment portfolio, and mock interview performance.

| Title | Tags |
|---|---|
| Mangagement and Instruction | 178869, 0, 1 |

**Learning Outcome**
Student teachers will demonstrate competency in management and instruction as evidenced by their university supervisor and mentor teacher PAES evaluations.

| Title | Tags |
|---|---|
| National Standards | 178870, 0, 2 |

**Learning Outcome**
Student teachers will demonstrate an understanding of the National Standards as evidenced through their employment portfolio and the RTWS.

| Title | Tags |
|---|---|
| Lesson Planning | 178871, 0, 3 |

**Learning Outcome**
Student teachers will write developmentally appropriate lesson plans using the known characteristics of K-12 high students. Students will demonstrate competence as evidenced by completed lesson plans for university supervisor observations, employment portfolio, and the RTWS.

| Title | Tags |
|---|---|
| Reflective Practice | 178872, 0, 4 |

**Learning Outcome**
Student teachers will demonstrate reflective practice in making necessary adaptions for student learning as evidenced by their final video desired competency project, RTWS, and the university supervisor and mentor teacher PAES evaluations.

## Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

| Title | Tags |
|---|---|
| Field Experience | 208214, 0, 1 |

**Learning Outcome**
Students will put into practice the theories they have learned in content and pedagogy courses including planning lessons, assessing students of all abilities and cultural backgrounds, using a variety of instructional strategies, collaborating with other teachers, and demonstrating high levels of professionalism.

| Title | Tags |
| --- | --- |
| Professionalism | 178874, 0, 6 |

**Learning Outcome**
Student teachers will demonstrate attitudes and behaviors that exhibit professionalism as evidenced by their attendance at student teaching seminars, school PLC's and/or department collaboration meetings, and the university and mentor teacher PAES evaluations.

## PETE 496R - Academic Internship - Physical Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PETE | 496R |

**Teaching Area**
PETE
**Course Title**
Academic Internship - Physical Education
**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.
**Department**
Teacher Education
**When Taught**
Fall

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Mangagement and Instruction | 208220, 0, 1 |

**Learning Outcome**
Student teachers will demonstrate competency in management and instruction as evidenced by their university supervisor and mentor teacher PAES evaluations.

## PHIL 110 - Introduction to Philosophy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 110 |

**Teaching Area**
PHIL
**Course Title**
Introduction to Philosophy
**Course Description**
Articulating, assessing, and defending fundamental positions on topics such as reason, knowledge, science, education, ethics, politics, and religion.
**Department**
Philosophy
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Figures and Topics | 198453, 1 |

**Learning Outcome**

| Title | Tags |
| --- | --- |
| National Standards | 208221, 0, 2 |

**Learning Outcome**
Student teachers will demonstrate an understanding of the National Standards as evidenced through their employment portfolio and the RTWS.

| Title | Tags |
| --- | --- |
| Lesson Planning | 208222, 0, 3 |

**Learning Outcome**
Student teachers will write developmentally appropriate lesson plans using the known characteristics of K-12 high students. Students will demonstrate competence as evidenced by completed lesson plans for university supervisor observations, employment portfolio, and the RTWS.

| Title | Tags |
| --- | --- |
| Reflective Practice | 208223, 0, 4 |

**Learning Outcome**
Student teachers will demonstrate reflective practice in making necessary adaptions for student learning as evidenced by their final video desired competency project, RTWS, and the university supervisor and mentor teacher PAES evaluations.

| Title | Tags |
| --- | --- |
| Employment Preparation | 208224, 0, 5 |

**Learning Outcome**
Students will demonstrate competence in professional job preparation skills as evidenced by their resume, employment portfolio, and mock interview performance.

| Title | Tags |
| --- | --- |
| Professionalism | 208225, 0, 6 |

**Learning Outcome**
Student teachers will demonstrate attitudes and behaviors that exhibit professionalism as evidenced by

Become acquainted with important figures, topics, and issues in the history of philosophy.

| Title | Tags |
| --- | --- |
| Application | 198553, 5 |

**Learning Outcome**

Learn to integrate philosophical skills and practices with religious convictions, while cultivating a respect for contrary points of view.

| Title | Tags |
| --- | --- |
| Writing and Rhetoric | 198557, 3 |

**Learning Outcome**

Write a clear and cogent philosophical essay.

| Title | Tags |
| --- | --- |
| Basic Critical Reasoning, Reading and Writing | 198590, 0, 2 |

**Learning Outcome**

Learn to read and discuss philosophical texts; learn basic logic skills used in critical reasoning and be able to identify invalid, unsound, and fallacious arguments.

their attendance at student teaching seminars, school PLC's and/or department collaboration meetings, and the university and mentor teacher PAES evaluations.

## PHIL 150 - Reasoning and Writing

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
150

**Teaching Area**
PHIL

**Course Title**
Reasoning and Writing

**Course Description**
Informal grammar, logic, and rhetoric as tools for reading and writing. Library research.

**Department**
Philosophy

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
Recommended for philosophy majors and minors

**Note**
No course challenges accepted.

**Title**
Writing and Rhetoric

**Tags**
198586, 0

**Learning Outcome**
Write clearly on a well-defined topic using correct grammar and conventions appropriate to philosophy, and employing a voice, tone, and diction suited to one's intended audience.

## PHIL 200 - Philosophy Major Orientation

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
200

**Teaching Area**
PHIL

**Course Title**
Philosophy Major Orientation

**Course Description**
Overview of philosophy as a discipline; review of philosophy major requirements and course sequence; complete introduction to philosophy research methods.

**Department**
Philosophy

**When Taught**
Fall

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Critical Reasoning | 198587, 3 |

**Learning Outcome**
Learn basic logic skills used in critical reasoning and be able to identify invalid, unsound, and fallacious arguments

| Title | Tags |
| --- | --- |
| Basic Writing | 198588, 1 |

**Learning Outcome**
Cultivate basic reading and writing skills including summarizing, paraphrasing, prewriting, drafting, revising, editing, and proofreading

| Title | Tags |
| --- | --- |
| Basic Research | 198589, 2 |

**Learning Outcome**
Use appropriate research tools including library and internet resources, and apply them to the writing of a cogent philosophical essay

## PHIL 201 - History of Philosophy 1

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
201
**Teaching Area**
PHIL
**Course Title**
History of Philosophy 1
**Course Description**
Western civilization from Greek antiquity to Renaissance, primarily from perspective of philosophy; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.
**Department**
Philosophy
**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

## PHIL 202 - History of Philosophy 2

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
202
**Teaching Area**
PHIL
**Course Title**
History of Philosophy 2
**Course Description**
Western civilization from Renaissance to present, primarily from perspective of philosophy; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.
**Department**
Philosophy
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

| Title | Tags |
| --- | --- |
| History and Value of Philosophy | 198926, 4 |

Learning Outcome
Students will be able to identify major philosophical figures, texts, topics, and movements from antiquity through the early Renaissance, and develop a basic understanding of their historical context, their philosophical interrelations, and their importance.

| Title | Tags |
| --- | --- |
| Critical and Effective Reading, Writing, and Oral Communication | 198927, 5 |

Learning Outcome
Students will be able to read and think critically about philosophical texts, write clear, logically sound, and well-researched essays, and effectively discuss and present philosophical topics.

| Title | Tags |
| --- | --- |
| Philosophical and Ethical Applications | 198928, 6 |

Learning Outcome
Students will be able to use philosophical knowledge and skills to solve theoretical, practical, and ethical problems and to integrate philosophical principles with religious and moral convictions.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Figures and Topics | 184579, 2 |

Learning Outcome
Acquire a basic understanding of the most important philosophical figures, texts, and issues from early modern to contemporary philosophy.

| Title | Tags |
| --- | --- |
| Writing | 198570, 3 |

Learning Outcome
Write a cogent philosophical essay.

| Title | Tags |
| --- | --- |
| History | 198591, 1 |

Learning Outcome
Know milestones of Western history and culture from the Renaissance or Reformation through the present

# PHIL 205 - Introduction to Logic and Critical Thinking

## Course Information

**Teaching Area (new)**
PHIL

**Course Number**
205

**Teaching Area**
PHIL

**Course Title**
Introduction to Logic and Critical Thinking

**Course Description**
Analyzing and constructing both deductive and non-deductive arguments; formal methods for evaluating deductive arguments; practical applications of critical thinking, including recognizing biases and avoiding fallacies.

**Department**
Philosophy

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Vocabulary and Concepts

**Tags**
198936, 1

**Learning Outcome**
Students will know the basic vocabulary and concepts of formal and informal logic.

**Title**
Translation

**Tags**
198937, 3

**Learning Outcome**
Students will be able to translate ordinary language into logical symbolism.

# PHIL 210 - Science and Civilization 1

## Course Information

**Teaching Area (new)**
PHIL

**Course Number**
210

**Teaching Area**
PHIL

**Course Title**
Science and Civilization 1

**Course Description**
History of Civilization from Greek antiquity up to 1500; concepts and methods in early science and their philosophical significance; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.

**Department**
Philosophy

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
History

**Tags**
198421, 1

**Learning Outcome**
Know about the development of scientific ideas and practices in their cultural context, including the major figures and methods of science from antiquity to 1500.

**Title**
Critical Reading and Writing

**Tags**
198422, 2

**Learning Outcome**
Read, analyze, and critically summarize a book-length study of science.

**Title**
Application

**Tags**
198423, 3

| Title | Tags |
| --- | --- |
| Appraise Validity | 198938, 2 |

**Learning Outcome**
Students will be able to appraise validity by refuting invalid arguments and by constructing formal proofs for valid ones.

| Application | 198423, 3 |
| --- | --- |

**Learning Outcome**
Learn to integrate philosophical skills and practices with religious convictions, while cultivating a respect for contrary points of view.

## PHIL 211 - Science and Civilization 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 211 |

**Teaching Area**
PHIL
**Course Title**
Science and Civilization 2
**Course Description**
History of Civilization from 1500 to present; concepts and methods in modern science and their philosophical significance; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.
**Department**
Philosophy
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| History | 198424, 1 |

**Learning Outcome**
Know about the development of scientific ideas and practices in their cultural context, including the major figures and methods of science from 1500 to the present.

## PHIL 212R - Introduction to Applied Ethics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 212R |

**Teaching Area**
PHIL
**Course Title**
Introduction to Applied Ethics
**Course Description**
Application of moral theory to particular ethical topics and debates.
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198425, 3 |

**Learning Outcome**
Read, analyze, and critically summarize a book-length study of science.

| Title | Tags |
| --- | --- |
| Application | 198426, 2 |

**Learning Outcome**
Learn to integrate philosophical skills and practices with religious convictions, while cultivating a respect for contrary points of view.

## PHIL 212R - Introduction to Medical Ethics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 212R |

**Teaching Area**
PHIL
**Course Title**
Introduction to Medical Ethics
**Course Description**
Exploration of key questions in medical ethics. Equips students to understand, evaluate, and effectively respond to arguments that seek to answer these questions as they formulate their own conclusions.\n
**Department**
Philosophy
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## PHIL 213 - Introduction to Ethics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 213 |

**Teaching Area**
PHIL
**Course Title**
Introduction to Ethics
**Course Description**
Nature and justification of moral standards, beliefs, and decisions.
**Department**
Philosophy
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Basics of Moral Philosophy | 198939, 1 |

**Learning Outcome**
Students will know the basic concepts, figures, texts, and normative theories of moral philosophy.

| Title | Tags |
| --- | --- |
| Apply Normative Theories | 198940, 2 |

**Learning Outcome**
Students will be able to apply normative theories to ethical problems, questions, and situations.

| Title | Tags |
| --- | --- |
| Integrate Moral Philosophy with Religious Convictions | 198941, 3 |

**Learning Outcome**
Students will be able to integrate philosophical skills and practices with religious convictions, while respecting contrary points of view.

| Title | Tags |
| --- | --- |
| Oral and Writing Practice | 198942, 4 |

**Learning Outcome**
Students will be able to perform ethical analysis and argument orally and in writing.

## PHIL 214 - Introduction to the Philosophy of Art

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
214
**Teaching Area**
PHIL
**Course Title**
Introduction to the Philosophy of Art
**Course Description**
The experience of beauty in nature, in literature, and in the arts.
**Department**
Philosophy
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

## PHIL 215 - Introduction to the Philosophy of Religion

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
215
**Teaching Area**
PHIL
**Course Title**
Introduction to the Philosophy of Religion
**Course Description**
Existence and nature of God, God's foreknowledge and man's free will, faith, immortality, and religious experience and language.
**Department**
Philosophy
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Figures and Topics | 198427, 1 |

Learning Outcome
Know basic concepts, theories, figures, texts, and issues in Western philosophy of art and beauty.

| Title | Tags |
| --- | --- |
| Application | 198428, 2 |

Learning Outcome
Learn how to use the philosophy of art and theories of taste to appreciate and critique individual works of art.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198593, 3 |

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on the philosophy of art and beauty.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| History | 198429, 1 |

Learning Outcome
Know central problems in philosophy of religion, and traditional responses to those problems; know central figures and texts in philosophy of religion.

| Title | Tags |
| --- | --- |
| Figures and Topics | 198430, 2 |

Learning Outcome
Know and evaluate major arguments for God's existence, and learn how to examine the role of reason and evidence in religious belief.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198592, 3 |

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on the philosophy of religion.

## PHIL 217R - Social Contract Theory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 217R |

Teaching Area
PHIL
Course Title
Social Contract Theory
Course Description

## PHIL 217R - Modern Political Philosophy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 217R |

Teaching Area
PHIL
Course Title
Modern Political Philosophy
Course Description

Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Phil 150 or equivalent.

**Recommended**
Phil 201, 202

**Title**
Application

**Tags**
198609, 2

**Learning Outcome**
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

**Title**
Figures and Topics

**Tags**
198613, 1

**Learning Outcome**
Know basic concepts, figures, texts, and issues of Social Contract Theory.

**Title**
Critical Reading and Writing

**Tags**
198617, 3

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Social Contract Theory.

## PHIL 217R - Social and Political Philosophy

Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Phil 150 or equivalent.

**Recommended**
Phil 201, 202

**Title**
Figures and Topics

**Tags**
198599, 1

**Learning Outcome**
Know basic concepts, figures, texts, and issues of Modern political philosophy

**Title**
Application

**Tags**
198600, 2

**Learning Outcome**
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

**Title**
Critical Reading and Writing

**Tags**
198601, 3

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on Modern political philosophy.

## PHIL 217R - Contemporary Political

## PHIL 217R Social and Political Philosophy

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
217R
**Teaching Area**
PHIL
**Course Title**
Social and Political Philosophy
**Course Description**
Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Phil 150 or equivalent.
**Recommended**
Phil 201, 202

**Title**
Critical reading and writing
**Tags**
198431, 3
**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a clear and cogent essay on social and political philosophy.

**Title**
Figures and Topics
**Tags**
198558, 1
**Learning Outcome**
Know basic concepts, theories, figures, texts, and issues in social and political philosophy.

**Title**
Application
**Tags**
198608, 2
**Learning Outcome**

## PHIL 217R Contemporary Political Philosophy

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
217R
**Teaching Area**
PHIL
**Course Title**
Contemporary Political Philosophy
**Course Description**
Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Phil 150 or equivalent.
**Recommended**
Phil 201, 202

**Title**
Application
**Tags**
198603, 2
**Learning Outcome**
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

**Title**
Figures and Topics
**Tags**
198610, 1
**Learning Outcome**
Know basic concepts, figures, texts, and issues of Contemporary political philosophy.

**Title**
Critical Reading and Writing
**Tags**
198614, 3

Learning Outcome
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Contemporary political philosophy.

## PHIL 217R - Classical and Medieval Political Philosophy

### Course Information

Teaching Area (new)
PHIL

Course Number
217R

Teaching Area
PHIL

Course Title
Classical and Medieval Political Philosophy

Course Description
Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.

Department
Philosophy

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Phil 150 or equivalent.

Recommended
Phil 201, 202

Title
Application

Tags
198604, 2

Learning Outcome
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

Title

Tags

## PHIL 217R - John Rawls

### Course Information

Teaching Area (new)
PHIL

Course Number
217R

Teaching Area
PHIL

Course Title
John Rawls

Course Description
Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.

Department
Philosophy

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Phil 150 or equivalent.

Recommended
Phil 201, 202

Title
Application

Tags
198602, 2

Learning Outcome
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

Title
Figures and Topics

Tags
198611, 1

| Title | Tags |
| --- | --- |
| Figures and Topics | 198605, 1 |

**Learning Outcome**
Know basic concepts, figures, texts, and issues of Classical and Medieval political philosophy.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198606, 3 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Classical or Medieval political philosophy.

**Learning Outcome**
Know basic concepts, texts, and issues of Rawls' political philosophy.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198615, 3 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Rawls' political philosophy.

## PHIL 249R - Philosophical Lecture Series

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 249R |

**Teaching Area**
PHIL
**Course Title**
Philosophical Lecture Series
**Course Description**
Lectures on philosophical topics by faculty and advanced students.
**Department**
Philosophy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

## PHIL 300 - Philosophical Writing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 300 |

**Teaching Area**
PHIL
**Course Title**
Philosophical Writing
**Course Description**
Writing philosophical papers about philosophical texts or problems. Research methods in philosophy. Library research paper.
**Department**
Philosophy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PHIL 201 - History of Philosophy 1
  **AND** PHIL 202 - History of Philosophy 2
  **AND** PHIL 205 - Introduction to Logic and Critical Thinking

**Additional Comments:**

**Note**
Fulfills GE Advanced Written and Oral Communications requirement.
No course challenges accepted.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198432, 2 |

**Learning Outcome**

Cultivate advanced critical reading and writing skills used in summarizing, paraphrasing, formulating, analyzing and evaluating philosophical arguments, and in prewriting, drafting, revising, critiquing, editing, and proofreading philosophical essays.

| Title | Tags |
|---|---|
| Research | 198562, 3 |

**Learning Outcome**

Use scholarly research tools (including library and internet resources) in writing expository, persuasive, and philosophical essays; effectively use and cite researched material

| Title | Tags |
|---|---|
| Writing and Rhetoric | 198563, 1 |

**Learning Outcome**

Learn advanced strategies of writing clearly on a well-defined topic using correct grammar, accepted usage, stylistic conventions appropriate to philosophy, and a voice, tone, and level of formality suited to one's intended audience

## PHIL 305 - Intermediate Formal Logic

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 305 |

Teaching Area

## PHIL 313R - Utilitarianism

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 313R |

Teaching Area

Teaching Area
PHIL
Course Title
Intermediate Formal Logic
Course Description
History and use of first-order logic and second-order logic; natural-deduction and axiomatic proofs; modal logic; set theory and foundations of mathematics.
Department
Philosophy
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- PHIL 205 - Introduction to Logic and Critical Thinking

Prerequisites

**Complete ALL of the following Courses:**

- MATH 290 - Fundamentals of Mathematics

**Additional Comments:**

Note
Fulfills GE Languages of Learning requirement. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Logic | 198433, 4 |

Learning Outcome
Learn to construct proofs within axiom systems in such areas as identity, set theory, arithmetic,

Teaching Area
PHIL
Course Title
Utilitarianism
Course Description
Designed to survey the history of ethics or to examine multiple periods and figures in the history of philosophy.
Department
Philosophy
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Other Prerequisites | Recommended |
|---|---|
| Phil 150 or equivalent. | Phil 201, 202, 213, 300, and 300 or equivalent |

| Title | Tags |
|---|---|
| History | 198774, 1 |

Learning Outcome
Understand a movement or constellation of related figures, texts, or problems in the history of philosophical ethics

| Title | Tags |
|---|---|
| Critical Rreading and Writing | 198775, 2 |

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on ethics

and modal logic.

| Title | Tags |
| --- | --- |
| History | 198434, 5 |

**Learning Outcome**
Understand key historical developments such as Cantor's theory of transfinite numbers, Frege's attempt to reduce arithmetic to logic, the logical paradoxes, and Gödel's theorems.

| Title | Tags |
| --- | --- |
| Logic | 198564, 2 |

**Learning Outcome**
Learn first order logic including the correct use of symbols and the construction of proofs.

## PHIL 313R - History of Ethics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 313R |

**Teaching Area**
PHIL
**Course Title**
History of Ethics
**Course Description**
Designed to survey the history of ethics or to examine multiple periods and figures in the history of philosophy.
**Department**
Philosophy
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## PHIL 320R - Socrates

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 320R |

**Teaching Area**
PHIL
**Course Title**
Socrates
**Department**
Philosophy
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**

**Other Prerequisites**
Phil 150 or equivalent.

**Recommended**
Phil 201, 202, 213, 300, and 300 or equivalent

| Title | Tags |
|---|---|
| History | 198565, 1 |

**Learning Outcome**
Understand a movement or constellation of related figures, texts, or problems in the history of philosophical ethics

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198925, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on ethics

**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198651, 1 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

| Title | Tags |
|---|---|
| Figures and Topics | 198652, 2 |

**Learning Outcome**
Understand a major figure, text, or problem in ancient philosophy

## PHIL 320R - Stoicism

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
320R

**Teaching Area**
PHIL

**Course Title**
Stoicism

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## PHIL 320R - Studies in Ancient Philosophy

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
320R

**Teaching Area**
PHIL

**Course Title**
Studies in Ancient Philosophy

**Course Description**
Selected figures or topics.

**Department**
Philosophy

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198653, 1 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

| Title | Tags |
|---|---|
| Figures and Topics | 198654, 2 |

**Learning Outcome**
Understand a major figure, text, or problem in ancient philosophy.

## PHIL 320R - Plato

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 320R |

**Teaching Area**
PHIL
**Course Title**
Plato
**Department**
Philosophy
**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198655, 1 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

| Title | Tags |
|---|---|
| Figures and Topics | 198656, 2 |

**Learning Outcome**
Understand a major figure, text, or problem in ancient philosophy

## PHIL 320R - Hellenistic Philosophy

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 320R |

**Teaching Area**
PHIL
**Course Title**
Hellenistic Philosophy
**Department**
Philosophy
**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198435, 4 |

**Learning Outcome**
Understand a major figure, text, or problem in ancient philosophy.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198436, 8 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a complex, nuanced, and well-referenced research paper on ancient philosophy.

## PHIL 320R - Aristotle

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 320R |

**Teaching Area**
PHIL
**Course Title**
Aristotle
**Department**
Philosophy
**When Taught**
Contact Department

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198641, 1 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

| Title | Tags |
|---|---|
| Figures and Topics | 198642, 2 |

**Learning Outcome**
Understand a major figure, text, or problem in ancient philosophy

## PHIL 320R - Pre-Socratics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 320R |

**Teaching Area**
PHIL
**Course Title**
Pre-Socratics
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198594, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in ancient philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198595, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

## PHIL 320R - Neo-Platonism

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 320R |

**Teaching Area**
PHIL

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198649, 1 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

| Title | Tags |
|---|---|
| Figures and Topics | 198650, 2 |

**Learning Outcome**
Understand a major figure, text, or problem in ancient philosophy

## PHIL 330R - Medieval Philosophy and Religion

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 330R |

PHIL
**Course Title**
Neo-Platonism
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198645, 1 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

| Title | Tags |
|---|---|
| Figures and Topics | 198646, 2 |

**Learning Outcome**
Understand a major figure, text, or problem in ancient philosophy

**Teaching Area**
PHIL
**Course Title**
Medieval Philosophy and Religion
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| History and Value of Philosophy | 198933, 1 |

**Learning Outcome**
Students will bew able to identify major philosophical figures, texts, topics, and movements, and understand their historical context, their philosophical interrelations, and their importance.

| Title | Tags |
|---|---|
| Critical and Effective Reading, Writing, and Oral Communication | 198934, 2 |

**Learning Outcome**
Students will be able to read and think critically about

philosophical texts; write clear, logically sound, and well-researched essays; and effectively discuss and present philosophical topics.

**Title**
Philosophical and Ethical Applications

**Tags**
198935, 3

**Learning Outcome**
Students will be able to use philosophical knowledge and skills to solve theoretical, practical, and ethical problems and to integrate philosophical principles with religious and moral convictions.

## PHIL 330R - Medieval Arabic Philosophers

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
330R

**Teaching Area**
PHIL

**Course Title**
Medieval Arabic Philosophers

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite Type**
Prerequisite

## PHIL 330R - Augustine

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
330R

**Teaching Area**
PHIL

**Course Title**
Augustine

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Major Figures of the Middle Ages | 198544, 3 |

**Learning Outcome**
Demonstrate an understanding of major figures of the Middle Ages

| Title | Tags |
|---|---|
| Philosophical Problems of the Middle Ages | 198549, 4 |

**Learning Outcome**
Demonstrate an understanding of major philosophical problems of the Middle Ages.

| Title | Tags |
|---|---|
| Critical Reading, Analysis, and Writing | 198551, 5 |

**Learning Outcome**
Demonstrate an ability to read critically and analyze figures and problems in a research paper.

Prerequisite

**Complete ALL of the following Courses:**

- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| History and Value of Philosophy | 198929, 1 |

**Learning Outcome**
Develop a sound understanding of St. Augustine's philosophy and explore one way this philosopher influences late medieval and Renaissance thought.

| Title | Tags |
|---|---|
| Critical and Effective Reading, Writing, and Communication | 198930, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on some aspect of Augustine's philosophy.

## PHIL 330R - Studies in Medieval Philosophy

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
330R
**Teaching Area**
PHIL
**Course Title**
Studies in Medieval Philosophy
**Course Description**
Selected figures or topics.
**Department**
Philosophy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

## PHIL 330R - Aquinas

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
330R
**Teaching Area**
PHIL
**Course Title**
Aquinas
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198687, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Medieval philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198688, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Medieval philosophy.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 201 - History of Philosophy 1

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198659, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Medieval philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198660, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Medieval philosophy.

## PHIL 340R - Kierkegaard

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 340R |

**Teaching Area**
PHIL
**Course Title**
Kierkegaard
**Department**
Philosophy
**When Taught**
Contact Department

## PHIL 340R - Continental Rationalism

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 340R |

**Teaching Area**
PHIL
**Course Title**
Continental Rationalism
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198725, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198726, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

## PHIL 340R - Studies in Modern Philosophy

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 340R |

**Teaching Area**
PHIL

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198705, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198706, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

## PHIL 340R - Locke

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 340R |

**Teaching Area**
PHIL

**Course Title**
Studies in Modern Philosophy
**Course Description**
Selected figures or topics.
**Department**
Philosophy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
| --- | --- |
| Figures and Topics | 198745, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198746, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

**Course Title**
Locke
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
| --- | --- |
| Figures and Topics | 198729, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198730, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

## PHIL 340R - J. S. Mill

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
340R

**Teaching Area**
PHIL

**Course Title**
J. S. Mill

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198721, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198722, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in

## PHIL 340R - Kant

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
340R

**Teaching Area**
PHIL

**Course Title**
Kant

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198723, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198724, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in

writing; write a cogent and well-researched paper on Modern philosophy.

writing; write a cogent and well-researched paper on Modern philosophy.

## PHIL 340R - German Idealism

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
340R
**Teaching Area**
PHIL
**Course Title**
German Idealism
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198713, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

## PHIL 340R - Leibniz

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
340R
**Teaching Area**
PHIL
**Course Title**
Leibniz
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198727, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198714, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198728, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

## PHIL 340R - Descartes

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 340R |

**Teaching Area**
PHIL
**Course Title**
Descartes
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

## PHIL 340R - Nietzsche

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 340R |

**Teaching Area**
PHIL
**Course Title**
Nietzsche
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
| --- | --- |
| Figures and Topics | 198707, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
| --- | --- |
| Figures and Topics | 198733, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198708, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198734, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

## PHIL 340R - Hume

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 340R |

**Teaching Area**
PHIL
**Course Title**
Hume
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

## PHIL 340R - British Empiricism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 340R |

**Teaching Area**
PHIL
**Course Title**
British Empiricism
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198719, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198720, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

## PHIL 340R - Modern Political Theory

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 340R |

**Teaching Area**
PHIL
**Course Title**
Modern Political Theory
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198701, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198702, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

## PHIL 340R - Hegel

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 340R |

**Teaching Area**
PHIL
**Course Title**
Hegel
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198731, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198732, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198715, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Modern philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198716, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

## PHIL 350R - Pragmatism

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 350R |

**Teaching Area**
PHIL
**Course Title**
Pragmatism
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
0

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

## PHIL 350R - Husserl

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 350R |

**Teaching Area**
PHIL
**Course Title**
Husserl
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198789, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in philosophy.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198790, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on pragmatism.

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198856, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Husserl philosophy.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198857, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Husserl philosophy.

## PHIL 350R - Derrida

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 350R |

**Teaching Area**
PHIL
**Course Title**
Derrida
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## PHIL 350R - Gadamer

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 350R |

**Teaching Area**
PHIL
**Course Title**
Gadamer
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198802, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Derrida philosophy.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198803, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Derrida philosophy.

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198850, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Gadamer philosophy.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198851, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Gadamer philosophy.

## PHIL 350R - Wittgenstein

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 350R |

**Teaching Area**
PHIL
**Course Title**
Wittgenstein
**Department**
Philosophy
**When Taught**
Spring Term

## PHIL 350R - Levinas

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 350R |

**Teaching Area**
PHIL
**Course Title**
Levinas
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198908, 1 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Wittgenstein philosophy.

| Title | Tags |
|---|---|
| Figures and Topics | 198909, 2 |

**Learning Outcome**
Understand a major figure, text, or problem in Wittgenstein philosophy.

## PHIL 350R - Phenomenology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 350R |

**Teaching Area**
PHIL

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198858, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Levinas philosophy.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198859, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Levinas philosophy.

## PHIL 350R - Philosophy of Social Science

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 350R |

**Teaching Area**
PHIL

**Course Title**
Phenomenology
**Department**
Philosophy
**When Taught**
Contact Department

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198874, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in phenomenology.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198875, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on phenomenology.

**Course Title**
Philosophy of Social Science
**Department**
Philosophy
**When Taught**
Contact Department

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198890, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in the philosophy of social science.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198891, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on the philosophy of social science.

## PHIL 350R - Hermeneutics

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
350R
**Teaching Area**
PHIL
**Course Title**
Hermeneutics
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

**Title**
Figures and Topics
**Tags**
198854, 1

**Learning Outcome**
Understand a major figure, text, or problem in hermeneutics.

**Title**
Critical Reading and Writing
**Tags**
198855, 2

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well

## PHIL 350R - Contemporary Political Theory

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
350R
**Teaching Area**
PHIL
**Course Title**
Contemporary Political Theory
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

**Title**
Figures and Topics
**Tags**
198798, 1

**Learning Outcome**
Understand a major figure, text, or problem in contemporary political theory.

**Title**
Critical Reading and Writing
**Tags**
198799, 2

**Learning Outcome**
Practice philosophical analysis and argument orally and in

writing; write a cogent and well-researched paper on hermeneutics.

and argument orally and in writing; write a cogent and well-researched paper on contemporary political theory.

## PHIL 350R - Sartre

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
350R

**Teaching Area**
PHIL

**Course Title**
Sartre

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198898, 1 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-

## PHIL 350R - Philosophy of Logic

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
350R

**Teaching Area**
PHIL

**Course Title**
Philosophy of Logic

**Department**
Philosophy

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
| --- | --- |
| Phil 350R (Heidegger's Being and Time) | 198554, 1 |

**Learning Outcome**
1. Identify some basic principles and strategies of early German

researched paper on Sartre philosophy.

| Title | Tags |
| --- | --- |
| Figures and Topics | 198899, 2 |

**Learning Outcome**
Understand a major figure, text, or problem in Sartre philosophy.

phenomenlogy2. Identify principle theses and arguments of Heidegger's "Being and Time"3. Improve ability to read, summarize, analyze, speak and write about philosophical texts and issues

| Title | Tags |
| --- | --- |
| Figures and Topics | 198888, 2 |

**Learning Outcome**
Understand a major figure, text, or problem in philosophy of logic.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198889, 3 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on the philosophy of logic.

## PHIL 350R - Russell

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 350R |

**Teaching Area**
PHIL
**Course Title**
Russell
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

## PHIL 350R - Merleau-Ponty

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 350R |

**Teaching Area**
PHIL
**Course Title**
Merleau-Ponty
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198896, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Russell philosophy.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198897, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Russell philosophy.

## PHIL 350R - Studies in Contemporary Philosophy

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
350R
**Teaching Area**
PHIL
**Course Title**
Studies in Contemporary Philosophy
**Course Description**
Selected figures or topics.
**Department**
Philosophy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198866, 0, 1 |

**Learning Outcome**
Understand issues in a major text by Maurice Merleau-Ponty.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198867, 0, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on the philosophy of Merleau-Ponty

## PHIL 350R - Heidegger

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
350R
**Teaching Area**
PHIL
**Course Title**
Heidegger
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198900, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in the studies in contemporary philosophy.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198901, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on the studies in contemporary philosophy.

3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198852, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Heidegger philosophy.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198853, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Heidegger philosophy.

## PHIL 350R - Peirce

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 350R |

**Teaching Area**
PHIL
**Course Title**
Peirce
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

## PHIL 350R - Existentialism

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 350R |

**Teaching Area**
PHIL
**Course Title**
Existentialism
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
0

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198781, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Peirce.

| Title | Tags |
|---|---|
| Figures and Topics | 198788, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Peirce philosophy.

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198846, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in existentialism.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198847, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on existentialism.

## PHIL 350R - Hannah Arendt

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
350R

**Teaching Area**
PHIL

**Course Title**
Hannah Arendt

**Department**
Philosophy

**When Taught**
Contact Department

#### Credit Hours

**Min**
0

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 202 - History of Philosophy 2

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

**Title**
Critical Reading and Writing

**Tags**
198779, 2

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Hannah Arendt.

**Title**
Figures and Topics

**Tags**
198785, 1

**Learning Outcome**
Understand a major figure, text, or problem in Hannah Arendt philosophy.

## PHIL 360R - Non-Western Philosophy

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
360R

**Teaching Area**
PHIL

**Course Title**
Non-Western Philosophy

**Course Description**
Study selected figures, texts, and problems in the history of non-Western philosophy.

**Department**
Philosophy

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
Phil 300 or equivalent

**Title**
Figures and Topics

**Tags**
198597, 1

**Learning Outcome**
Understand a major figure, text, or problem in Chinese philosophy.

**Title**
Critical Reading and Writing

**Tags**
198805, 2

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Chinese philosophy.

## PHIL 360R - Non-Western Philosophy

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
360R

**Teaching Area**
PHIL

**Course Title**
Non-Western Philosophy

**Course Description**
Study selected figures, texts, and problems in the history of non-Western philosophy.

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198560, 1 |

**Learning Outcome**

Understand a major belief system, figure, text or problem in non-Western philosophy

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198598, 2 |

**Learning Outcome**

Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on non-Western philosophy.

## PHIL 360R - Hindu Philosophy

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
360R

**Teaching Area**
PHIL

**Course Title**
Hindu Philosophy

**Course Description**
Study selected figures, texts, and problems in the history of non-Western philosophy.

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Phil 300 or equivalent

| Title | Tags |
|---|---|
| Figures and Topics | 198807, 1 |

**Learning Outcome**
Understand a major figure, text, or problem in Hindu philosophy.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198808, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Hindu philosophy.

## PHIL 360R - Buddhism

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
360R

**Teaching Area**
PHIL

**Course Title**
Buddhism

**Course Description**
Study selected figures, texts, and problems in the history of non-Western philosophy.

**Department**
Philosophy

**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Recommended**
Phil 300 or equivalent

| Title | Tags | Learning Outcome |
|---|---|---|
| Figures and Topics | 198804, 1 | Understand a major figure, text, or problem in Buddhism. |
| Critical Reading and Writing | 198806, 2 | Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Buddhism. |

## PHIL 370R - Women and Philosophy

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
370R

**Teaching Area**
PHIL

**Course Title**
Women and Philosophy

**Course Description**
Women philosophers and important women in the history of philosophy and/or feminist or gender-based philosophical inquiry in contemporary philosophy (e.g., feminist epistemology). Topics vary.

**Department**
Philosophy

**When Taught**
Fall

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 110

## PHIL 399R - Philosophy Program Internship

## PHIL 405 - Advanced Logic and Metalogic

## Course Information

**Teaching Area (new)**
PHIL

**Course Number**
399R

**Teaching Area**
PHIL

**Course Title**
Philosophy Program Internship

**Course Description**
Credit for career-oriented or job-related internship work. Internships can be in any field for which the student qualifies.

**Department**
Philosophy

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
9

| Title | Tags |
| --- | --- |
| Internship Experience | 198584, 1 |

**Learning Outcome**
Complete a university-approved internship in any job or field likely to enhance job prospects or graduate/professional school performance

| Title | Tags |
| --- | --- |
| Writing | 198585, 2 |

**Learning Outcome**
Submit a written report on the internship experience

## Course Information

**Teaching Area (new)**
PHIL

**Course Number**
405

**Teaching Area**
PHIL

**Course Title**
Advanced Logic and Metalogic

**Course Description**
Completeness, soundness, and undecidability of first-order logic; incompleteness of arithmetic; treatment of related philosophical topics and of nonclassical topics as time permits.

**Department**
Philosophy

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 305 - Intermediate Formal Logic

**Additional Comments:**

**Recommended**
Phil 300 or equivalent

| Title | Tags |
| --- | --- |
| History | 198441, 1 |

**Learning Outcome**
Prove and understand the completeness and consistency of first-order logic as well as the Solem-Löwenheim theorem, Gödel incompleteness, Church's undecidability theorem, etc.

| Title | Tags |
| --- | --- |

| | |
|---|---|
| Figures and Topics | 198442, 2 |

**Learning Outcome**
Formulate and evaluate the philosophical ramifications of these theorems.

## PHIL 413R - Virtue Theory

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
413R

**Teaching Area**
PHIL

**Course Title**
Virtue Theory

**Department**
Philosophy

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202, 213

| Title | Tags |
|---|---|
| Figures and Topics | 198844, 1 |

**Learning Outcome**
Understand at an advanced level

## PHIL 413R - Skepticism

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
413R

**Teaching Area**
PHIL

**Course Title**
Skepticism

**Department**
Philosophy

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202, 213

| Title | Tags |
|---|---|
| Figures and Topics | 198838, 1 |

**Learning Outcome**
Understand at an advanced level

selected concepts, theories, figures and texts in virtue theory.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198845, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on virtue theory.

selected concepts, theories, figures and texts in the philosophy of skepticism.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198839, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of skepticism.

## PHIL 413R - Objectivity, Subjectivity, and Relativism

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 413R |

**Teaching Area**
PHIL
**Course Title**
Objectivity, Subjectivity, and Relativism
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

## PHIL 413R - Medical Ethics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 413R |

**Teaching Area**
PHIL
**Course Title**
Medical Ethics
**Department**
Philosophy
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202, 213

| Title | Tags |
|---|---|
| Figures and Topics | 198836, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of objectivity, subjectivity and relativity.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198837, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of objectivity, subjectivity, and relativity.

## PHIL 413R - Applied Ethics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 413R |

**Teaching Area**
PHIL
**Course Title**
Applied Ethics
**Department**
Philosophy
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

**Additional Comments:**

**Recommended**
Phil 201, 202, 213

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198830, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of medical ethics.

| Title | Tags |
|---|---|
| Figures and Topics | 198831, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of medical ethics.

## PHIL 413R - Moral Psychology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 413R |

**Teaching Area**
PHIL
**Course Title**
Moral Psychology
**Department**
Philosophy
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

0

Simple Requisites

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202, 213

| Title | Tags |
|---|---|
| Figures and Topics | 198812, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of applied ethics.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198813, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of applied ethics.

## PHIL 413R - The Good Life

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
413R
**Teaching Area**
PHIL
**Course Title**
The Good Life
**Department**
Philosophy
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

0

Simple Requisites

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202, 213

| Title | Tags |
|---|---|
| Figures and Topics | 198834, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of moral psychology.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198835, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of moral psychology.

## PHIL 413R - Topics in Ethics

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
413R
**Teaching Area**
PHIL
**Course Title**
Topics in Ethics
**Course Description**
Select topics, figures, problems, and theories in ethics. Topics include meta-ethics, deontology, consequentialism, virtue theory, applied ethics, ethical argumentation.
**Department**
Philosophy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202, 213

| Title | Tags |
|---|---|
| Figures and Topics | 198840, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of the good life.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198841, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of the good life.

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202, 213

| Title | Tags |
|---|---|
| Figures and Topics | 198842, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the topics in ethics.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198843, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the topics in ethics.

## PHIL 413R - Environmental Ethics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 413R |

**Teaching Area**
PHIL
**Course Title**
Environmental Ethics
**Department**
Philosophy
**When Taught**

## PHIL 414R - Philosophy of Music

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 414R |

**Teaching Area**
PHIL
**Course Title**
Philosophy of Music
**Department**
Philosophy
**When Taught**

Fall, Winter, Spring

Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202, 213

| Title | Tags |
|---|---|
| Figures and Topics | 198820, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of environmental ethics.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198821, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of environmental ethics.

Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202

| Title | Tags |
|---|---|
| Figures and Topics | 198768, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198769, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
|---|---|
| Application | 198770, 3 |

**Learning Outcome**

| | |
|---|---|
| Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory | |

## PHIL 414R - Topics in the Advanced Philosophy of Art, Architecture, Music, and Film

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
414R

**Teaching Area**
PHIL

**Course Title**
Topics in the Advanced Philosophy of Art, Architecture, Music, and Film

**Course Description**
Topics and figures in the philosophy of art, architecture, music, and film.

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202

| Title | Tags |
|---|---|

## PHIL 414R - Philosophy of Art

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
414R

**Teaching Area**
PHIL

**Course Title**
Philosophy of Art

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202

| Title | Tags |
|---|---|
| Application | 198566, 6 |

**Learning Outcome**
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism

| Title | Tags |
| --- | --- |
| Figures and Topics | 198753, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198754, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
| --- | --- |
| Application | 198755, 3 |

**Learning Outcome**
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

and theory

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198569, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
| --- | --- |
| Figures and Topics | 198576, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

## PHIL 414R - Philosophy of Theater

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 414R |

**Teaching Area**
PHIL
**Course Title**
Philosophy of Theater
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## PHIL 414R - Contemporary Art Theory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 414R |

**Teaching Area**
PHIL
**Course Title**
Contemporary Art Theory
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202

| Title | Tags |
|---|---|
| Figures and Topics | 198771, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198772, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
|---|---|
| Application | 198773, 3 |

**Learning Outcome**
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

## PHIL 414R - Philosophy and Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 414R |

**Teaching Area**
PHIL
**Course Title**

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202

| Title | Tags |
|---|---|
| Figures and Topics | 198809, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198810, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
|---|---|
| Application | 198811, 3 |

**Learning Outcome**
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

## PHIL 414R - Film Criticism and Theory

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 414R |

**Teaching Area**
PHIL
**Course Title**

Philosophy and Literature

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202

| Title | Tags |
|---|---|
| Figures and Topics | 198762, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198763, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

Film Criticism and Theory

**Department**
Philosophy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202

| Title | Tags |
|---|---|
| Figures and Topics | 198759, 1 |

**Learning Outcome**
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198760, 2 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
| --- | --- |
| Application | 198764, 3 |

**Learning Outcome**
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

| Title | Tags |
| --- | --- |
| Application | 198761, 3 |

**Learning Outcome**
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

## PHIL 414R - Philosophy of Architecture

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
414R
**Teaching Area**
PHIL
**Course Title**
Philosophy of Architecture
**Department**
Philosophy
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite
**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202

| Title | Tags |
| --- | --- |
| Figures and Topics | 198765, 1 |

## PHIL 415 - Philosophy of Religion

### Course Information

**Teaching Area (new)**
PHIL
**Course Number**
415
**Teaching Area**
PHIL
**Course Title**
Philosophy of Religion
**Course Description**
Selected figures or problems.
**Department**
Philosophy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite
**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202

| Title | Tags |
| --- | --- |

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198766, 2 |

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

| Title | Tags |
| --- | --- |
| Application | 198767, 3 |

Learning Outcome
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

| Title | Tags |
| --- | --- |
| Application | 198443, 8 |

Learning Outcome
Be able to explain the practice and value of philosophy of religion.

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198568, 6 |

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of religion.

| Title | Tags |
| --- | --- |
| Figures and Topics | 198575, 1 |

Learning Outcome
Understand at an advanced level selected concepts, theories, figures, and texts in the philosophy of religion

## PHIL 416 - Philosophy of Law

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 416 |

**Teaching Area**
PHIL
**Course Title**
Philosophy of Law
**Course Description**
The relation between natural and enacted law; theories of punishment; utilitarian and nonutilitarian theories of law; liberty.
**Department**
Philosophy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## PHIL 420 - Philosophy of Language

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 420 |

**Teaching Area**
PHIL
**Course Title**
Philosophy of Language
**Course Description**
Meaning and reference, synonymy, metaphor, exemplification, translation; linguistic, artistic, and perceptual symbol systems.
**Department**
Philosophy
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisite
Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- PHIL 300 - Philosophical Writing

Additional Comments:

Recommended
Phil 201, 202

| Title | Tags |
|---|---|
| Application | 198444, 8 |

Learning Outcome
Be able to explain the practice and value of philosophy of law.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198567, 6 |

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of law.

| Title | Tags |
|---|---|
| Figures and Topics | 198574, 2 |

Learning Outcome
Know major concepts, theories, figures, and texts in the philosophy of law.

### Lab Hours

Fixed
0

Simple Requisites

Prerequisite
Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- PHIL 300 - Philosophical Writing

Additional Comments:

Recommended
Phil 201, 202

| Title | Tags |
|---|---|
| Figures and Topics | 198445, 2 |

Learning Outcome
Know major concepts, theories, figures, texts, and issues in the philosophy of language.

| Title | Tags |
|---|---|
| Application | 198446, 8 |

Learning Outcome
Be able to explain the practice and value of philosophy of language.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198571, 6 |

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of language.

## PHIL 421 - Metaphysics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 421 |

Teaching Area
PHIL
Course Title
Metaphysics
Course Description
Basic categories of being: appearance and reality, law, causality, space,

## PHIL 422 - Epistemology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHIL | 422 |

Teaching Area
PHIL
Course Title
Epistemology
Course Description
Meaning, limits, and justification of knowledge.

time, eternity, deity.

**Department**
Philosophy

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

| Title | Tags |
|---|---|
| Application | 198447, 8 |

**Learning Outcome**
Be able to explain the practice and value of metaphysics.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198572, 6 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on metaphysics.

| Title | Tags |
|---|---|
| Figures and Topics | 198578, 1 |

**Learning Outcome**
Know major concepts, theories, figures, and texts in metaphysics

**Department**
Philosophy

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

| Title | Tags |
|---|---|
| Application | 198448, 10 |

**Learning Outcome**
Be able to explain the practice and value of epistemology.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198573, 8 |

**Learning Outcome**
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on epistemology.

| Title | Tags |
|---|---|
| Figures and Topics | 198577, 4 |

**Learning Outcome**
Know major concepts, theories, figures, and texts in epistemology.

## PHIL 423R - History and Philosophy of Science

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
423R

**Teaching Area**
PHIL

**Course Title**
History and Philosophy of Science

**Course Description**
Scientific explanation, concepts, and models. Philosophical assumptions and criteria for theory selection, as exemplified by historical development of basic ideas in science.

**Department**
Philosophy

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Phy S 100 or instructor's consent; Phil 300.

**Recommended**
Phil 201, 202

## PHIL 423R - History of Medicine

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
423R

**Teaching Area**
PHIL

**Course Title**
History of Medicine

**Department**
Philosophy

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Phy S 100 or instructor's consent; Phil 300.

**Recommended**
Phil 201, 202

## PHIL 424 - Philosophy of Mind

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
424

**Teaching Area**
PHIL

**Course Title**
Philosophy of Mind

**Course Description**
Relationship between the mental and the physical: consciousness, intentionality, mental causation.

**Department**

## PHIL 450R - Advanced Topics in Philosophy

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
450R

**Teaching Area**
PHIL

**Course Title**
Advanced Topics in Philosophy

**Course Description**
Selected topics in philosophy.

**Department**
Philosophy

Philosophy
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202

| Title | Tags |
|---|---|
| Application | 198561, 3 |

**Learning Outcome**
Be able to explain the practice and value of philosophy of mind.

| Title | Tags |
|---|---|
| Critical Reading and Writing | 198579, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a cogent and well-referenced research paper on the philosophy of mind

| Title | Tags |
|---|---|
| History | 198580, 1 |

**Learning Outcome**
Know major concepts, theories, figures and texts in the

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Phil 300

philosophy of mind including possible answers to questions like: what is the mind/body problem? What is the difference between a mind and a brain? What is materialism or physicalism? What is a person?

## PHIL 490 - Senior Seminar

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
490

**Teaching Area**
PHIL

**Course Title**
Senior Seminar

**Course Description**
This course provides an opportunity for students to demonstrate that they have met the Philosophy BA program outcomes by organizing and curating their best work in an electronic portfolio. It also prepares them to articulate clearly and persuasively the value of the skills they have acquired as philosophy majors.

**Department**
Philosophy

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

## PHIL 495R - Directed Readings in Philosophy

### Course Information

**Teaching Area (new)**
PHIL

**Course Number**
495R

**Teaching Area**
PHIL

**Course Title**
Directed Readings in Philosophy

**Course Description**
For instructors and students who wish to pursue special problems or projects, or who wish to read texts that are not covered by available courses.

**Department**
Philosophy

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PHIL 300 - Philosophical Writing

**Additional Comments:**

**Recommended**
Phil 201, 202

**Title**
History

**Tags**
198582, 1

**Learning Outcome**
Read and critically discuss related figures, texts, or issues under the tutelage of an expert in the field

**Title**

**Tags**

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198581, 4 |

**Learning Outcome**
Gain added experience in professional-level writing and communication

| Title | Tags |
| --- | --- |
| The History and Value of Philosophy | 198931, 2 |

**Learning Outcome**
Develop a more concrete sense of how your degree in philosophy has prepared you for your future.

| Title | Tags |
| --- | --- |
| Career Preparation | 198932, 5 |

**Learning Outcome**
Develop and polish materials you will use to apply for employment and/or further educational opportunities.

| | |
| --- | --- |
| Critical Reading and Writing | 198583, 2 |

**Learning Outcome**
Practice philosophical analysis and argument orally and in writing; write a short essay or a longer research paper (depending on the number of credits for which one is enrolled) on the related figures, texts, or issues addressed by the course readings

## PHIL 501R - Graduate Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHIL | 501R |

**Teaching Area**
PHIL
**Course Title**
Graduate Seminar
**Course Description**
Selected topic, figure, or movement in philosophy, as announced in current class schedule.
**Department**
Philosophy
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
5

### Lecture Hours

**Fixed**
5

## PHSCS 101 - Basic Physics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 101 |

**Teaching Area**
PHSCS
**Course Title**
Basic Physics
**Course Description**
Principles of classical and modern physics. Concepts and simple calculations applied to the world around us.
**Department**
Physics & Astronomy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Critical Reading and Writing | 198452, 2 |

**Learning Outcome**
Earn graduate credit for attending and completing an upper-division philosophy course with enhanced assignments, research, and writing.

| Title | Tags |
| --- | --- |
| Figures and Topics | 198548, 3 |

**Learning Outcome**
Investigate and understand an advanced philosophical issue or research topic.

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Modern Physics | 205384, 3 |

**Learning Outcome**
Qualitatively discuss and do simple calculations involving modern physics concepts that are not everyday but which have important practical and philosophical implications in today's world, such as quantum mechanics, nuclear physics and relativity.

| Title | Tags |
| --- | --- |
| Classical Physics | 205424, 1 |

**Learning Outcome**
Use basic physical laws and concepts to analyze everyday phenomena and do simple calculations involving those laws. These laws and concepts include Newton's laws of motion, conservation laws, simple thermodynamics, fluids, and electricity and magnetism.

## PHSCS 105 - General Physics 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 105 |

**Teaching Area**
PHSCS
**Course Title**
General Physics 1
**Course Description**
Applied physics course not requiring calculus. Mechanics, heat, wave motion, and sound.
**Department**
Physics & Astronomy
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

## PHSCS 106 - General Physics 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 106 |

**Teaching Area**
PHSCS
**Course Title**
General Physics 2
**Course Description**
Continuation of Phscs 105. Electricity and magnetism, modern physics, and optics
**Department**
Physics & Astronomy
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
High school algebra and trigonometry.

**Recommended**
Concurrent enrollment in Phscs 107

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/PHSCS-105-M001.

**Title**
Newton's Laws

**Tags**
205890, 1

**Learning Outcome**
Solve problems and answer conceptual questions about kinematics and Newton's laws in both linear and rotational contexts.

**Title**
Energy and Momentum

**Tags**
205891, 2

**Learning Outcome**
Solve problems and answer conceptual questions about energy and momentum in both linear and rotational contexts.

**Title**
Fluids, Temperatures, and Heat

**Tags**
205892, 3

**Learning Outcome**
Solve problems and answer conceptual questions about static flowing fluids, heat capacity and transfer, ideal gases, laws of thermodynamics, and heat engines.

**Title**
Waves

**Tags**
205893, 4

**Learning Outcome**
Solve problems and answer conceptual questions about harmonic motion, waves, interference, and sound.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Phscs 105 or equivalent.

**Recommended**
Concurrent enrollment in Phscs 108

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/PHSCS-106-M001.

**Title**
Electric Charges, Fields, Potentials, Circuits

**Tags**
205894, 1

**Learning Outcome**
Solve problems and answer conceptual questions about electric charges, fields, electric potentials, and circuits.

**Title**
Magnetic fields, Forces, Faraday's Law, EM Waves

**Tags**
205895, 2

**Learning Outcome**
Solve problems and answer conceptual questions about magnetic fields, magnetic forces, Faraday's Law, and electromagnetic waves.

**Title**
Geometric and Wave Optics

**Tags**
205896, 3

**Learning Outcome**
Solve problems and answer conceptual questions about geometric and wave optics.

**Title**
Special Relativity, Quantum, Atomic, and Nuclear Physics

**Tags**
205897, 4

**Learning Outcome**
Solve problems and answer conceptual questions about special relativity, quantum physics, atomic physics, and nuclear physics.

## PHSCS 107 - General Physics Lab 1

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
107

**Teaching Area**
PHSCS

**Course Title**
General Physics Lab 1

**Course Description**
Lab experiments in mechanics and thermodynamics. Measuring and analyzing data.

**Department**
Physics & Astronomy

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Phscs 105 or concurrent enrollment.

**Note**
Students should check with their department to learn if PHSCS 105 and 107 are required concurrently.

**Title**
Observing, measuring, and analyzing physical data

**Tags**
210111, 0, 3

**Learning Outcome**
Make quantitative measurements with appropriate detectors and analyze the recorded data.

**Title**
Communicating scientific results

**Tags**
210112, 0, 4

**Learning Outcome**
Evaluate experimental results and communicate them in reports and with group

## PHSCS 108 - General Physics Lab 2

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
108

**Teaching Area**
PHSCS

**Course Title**
General Physics Lab 2

**Course Description**
Lab experiments in electricity, magnetism, optics, and modern physics. Measuring and analyzing data.

**Department**
Physics & Astronomy

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Phscs 106 or concurrent enrollment

**Note**
Students should check with their department to learn if PHSCS 106 and 108 are required concurrently.

**Title**
Observing, measuring, and analyzing physical data

**Tags**
210113, 0, 3

**Learning Outcome**
Make quantitative measurements with appropriate detectors and analyze the recorded data.

**Title**
Communicating scientific results

**Tags**
210114, 0, 4

**Learning Outcome**
Evaluate experimental results and communicate them in reports and with group

reports and with group members.

**Title**
Proposing, testing, and revising models

**Tags**
205898, 0, 1

**Learning Outcome**
Understand the use of mechanistic and mathematical models to describe physical phenomena related to mechanics, thermodynamics, waves, and fluids. Propose predictive models, test predictions, and then revise models as needed.

**Title**
Designing and conducting experiments

**Tags**
205899, 0, 2

**Learning Outcome**
Design and carry out experiments to test proposed models.

reports and with group members.

**Title**
Proposing, evaluating, and revising models

**Tags**
205900, 0, 1

**Learning Outcome**
Propose mechanistic and mathematical models for phenomena related to electricity and magnetism, optics, and modern physics.

**Title**
Designing and conducting experiments

**Tags**
205901, 0, 2

**Learning Outcome**
Design and carry out experiments to test proposed models.

## PHSCS 121 - Introduction to Newtonian Mechanics

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
121

**Teaching Area**
PHSCS

**Course Title**
Introduction to Newtonian Mechanics

**Course Description**
Linear, circular, and projectile motion; their prediction from forces and torques. Conservation of energy and momentum. Weekly lab.

**Department**
Physics & Astronomy

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
123

**Teaching Area**
PHSCS

**Course Title**
Introduction to Waves, Optics, and Thermodynamics

**Course Description**
Waves, thermal physics, optics, special relativity, and introduction to modern physics. Weekly lab.

**Department**
Physics & Astronomy

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Calculus or concurrent enrollment.
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Units and Significant Figures | 205150, 1 |

**Learning Outcome**
Convert quantities from one set of units to another and use a reasonable number of significant digits when expressing answers.

| Title | Tags |
| --- | --- |
| Motion of a Particle | 205465, 2 |

**Learning Outcome**
Interpret and draw motion diagrams including "blinking light' diagrams, x(t), v(t), a(t), and y(x) plots. Understand what time derivatives mean and how to estimate time derivatives from the information in these diagrams. Compute a particle's classical translational motion in one or two dimensions, including circular motion, both in Cartesian coordinates and in polar coordinates.

| Title | Tags |
| --- | --- |
| Energy and Momentum | 205466, 4 |

**Learning Outcome**
Use the ideas of energy, work, power, linear momentum, impulse, and angular momentum to arrive at conclusions about the motion of a system, including systems in which collisions occur.

| Title | Tags |
| --- | --- |
| Newton's Second Law | 205467, 3 |

**Learning Outcome**

Use Newton's Second Law to calculate the motion of objects, both in translation and

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Phscs 121 or equivalent. Calculus
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Fluid States | 205151, 1 |

**Learning Outcome**
Solve problems and answer conceptual questions using the basics of fluid statics and dynamics, including Bernoulli's principle and Pascal's law.

| Title | Tags |
| --- | --- |
| Temperature, Pressure, Entropy, and Volume for Ideal Gases | 205152, 2 |

**Learning Outcome**
Answer conceptual questions and calculate changes in temperature, pressure, entropy and volume for quasistatic ideal gas processes and be able to determine work done and efficiency for gas engines, heat pumps, and refrigerators. Determine heat flow and temperatures in systems in steady state.

| Title | Tags |
| --- | --- |
| Physics of Waves | 205153, 3 |

**Learning Outcome**
Solve problems and answer conceptual questions involving waves, using concepts such as wave speed, wavelength, frequency, superposition, beats, and resonance. Solve wave interference problems.

| Title | Tags |
| --- | --- |
| Imaging with Optics and Optical Systems | 205154, 4 |

**Learning Outcome**
Find the location and magnification of images in single- and multiple-lens/mirror

rotation, and also those in simple harmonic motion, as well as the forces and torques acting on systems in equilibrium. Also use Newton's inverse-square law of gravity to calculate how objects move.

| Title | Tags |
| --- | --- |
| Scientific Process | 206574, 5 |

**Learning Outcome**
Demonstrate an understanding of the basic scientific principles that undergird the scientific process, including the strengths and weaknesses of this process.

systems by calculation and by ray tracing, and be able to work general problems in optics using Snell's law and specular reflection.

| Title | Tags |
| --- | --- |
| Special Relativity, Quantum Mechanics, and Nuclear Physics | 205155, 5 |

**Learning Outcome**
(Section 1) Solve problems and answer conceptual questions in basic modern physics including special relativity, and quantum mechanics and nuclear physics.

| Title | Tags |
| --- | --- |
| Waves, Fourier Anaylsis, Musical Acoustic,Special Relativity | 205156, 6 |

**Learning Outcome**
(Section 2) Solve more advanced problems and answer conceptual questions in wave analysis, including calculating group and phases velocities, solving for Fourier coefficients of periodic functions, and frequencies of notes in the equal temperament musical scale. Solve problems in special relativity.

## PHSCS 127 - Descriptive Astronomy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 127 |

**Teaching Area**
PHSCS
**Course Title**
Descriptive Astronomy
**Course Description**
Conceptual presentation of knowledge of the content and history of the cosmos, frequently using observatory and/or planetarium.
**Department**
Physics & Astronomy
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

## PHSCS 137 - Energy, Climate, and the Environment

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 137 |

**Teaching Area**
PHSCS
**Course Title**
Energy, Climate, and the Environment
**Course Description**
Introduction to the physics behind energy production and consumption and the associated impact on ecology, climate, and the environment
**Department**
Physics & Astronomy
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
1

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Astronomical Terminology and Perspective | 205935, 1 |

Learning Outcome
Students will be able to answer conceptual questions using correct astrophysical terminology about the following core astronomy concepts:
* the motion of the Earth and the objects seen in the visible sky
* how and into what the Universe is organized by gravity at all scales from the solar system to the superclusters of galaxies.
* the significant and unique characteristics of each planet and other components of the solar system.
* the essential physical concepts that govern the life cycle of stars from creation to death, how the Sun compares to other stars, and the changes the Sun and stars will go through during their life cycles.
* the structure and classification of galaxies and clusters of galaxies.
* the central ideas of and evidences for current big bang cosmologies.

| Title | Tags |
| --- | --- |
| Night Sky | 206575, 2 |

Learning Outcome
Students will be able to identify common naked eye constellations, bright stars and deep sky objectsin the sky.

| Title | Tags |
| --- | --- |

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Phy S 100 or high school/college physics.
Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| | |
|---|---|
| Observing Projects | 206576, 3 |

**Learning Outcome**
Students will gain practical experience by performing their own astronomical observations, interpreting their observations and communicating their results.

| Title | Tags |
|---|---|
| Appreciation of our Creator's Universe | 206577, 4 |

**Learning Outcome**
Students will appreciate the grandeur of our Savior's universe.

## PHSCS 145 - Experimental Methods in Physics

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
145
**Teaching Area**
PHSCS
**Course Title**
Experimental Methods in Physics
**Course Description**
Introduction to physical measurement and analysis, optics, sensors, actuators, and computer-based data acquisition.
**Department**
Physics & Astronomy
**When Taught**
Fall

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Phscs 121 or equivalent

## PHSCS 167 - Descriptive Acoustics of Music and Speech

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
167
**Teaching Area**
PHSCS
**Course Title**
Descriptive Acoustics of Music and Speech
**Course Description**
Introductory acoustics course, emphasizing physical principles underlying production and perception of music and speech.
**Department**
Physics & Astronomy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|

Phscs 121 or equivalent.
**Note**
NOTE: Physics majors or minors only, or instructor permission. Non-Physics majors and minors, contact the instructor at Physics145@byu.edu.

| Title | Tags |
|---|---|
| Basic Skills | 205161, 1 |

**Learning Outcome**
Demonstrate good practices in experimental physics documentation and communication such as data collection, record keeping, and presentation.

| Title | Tags |
|---|---|
| Oscillating Signal Analysis | 205162, 7 |

**Learning Outcome**
Apply AC concepts such as frequency response, frequency filtering, fourier transform analysis, and impedance to sinusoidally-driven electrical, mechanical, optical, and acoustical systems.

| Title | Tags |
|---|---|
| Data Analysis | 205379, 2 |

**Learning Outcome**
Demonstrate the ability to analyze experimental data this includes techniques such as error estimation, error propagation, model selection, and curve fitting.

| Title | Tags |
|---|---|
| Concepts | 205282, 1 |

**Learning Outcome**
Define the basic terminologies of acoustics, identify physical principles involved in common situations and answer conceptual questions related to hearing, speech, audio, listening environments, and musical instruments.

| Title | Tags |
|---|---|
| Models of acoustical systems | 205297, 2 |

**Learning Outcome**
Apply scientific models to analysis of hearing, speech and musical instruments, etc.

| Title | Tags |
|---|---|
| Writing | 205356, 4 |

**Learning Outcome**
Write effectively using the terminology of acoustics and logically outline how acoustics is important in a discipline of their choice.

| Title | Tags |
|---|---|
| Analysis | 205365, 3 |

**Learning Outcome**
Solve basic problems related to hearing, speech, audio, listening environments, and musical instruments.

## PHSCS 191 - Introduction to Physics Careers and Research 1

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHSCS | 191 |

**Teaching Area**
PHSCS
**Course Title**
Introduction to Physics Careers and Research 1
**Course Description**
Survey of BYU undergraduate physics and astronomy programs, careers in physics and astronomy, and current physics and astronomy research.
**Department**
Physics & Astronomy
**When Taught**
Fall Term 1.

## PHSCS 198 - Physics and Mathematics Review

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHSCS | 198 |

**Teaching Area**
PHSCS
**Course Title**
Physics and Mathematics Review
**Course Description**
Review of mathematics and introductory physics for returning missionaries and others returning after a significant break.
**Department**
Physics & Astronomy
**When Taught**
Fall Term 1.

Min term 1:

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Note**
Take first semester after registered as physics major.

| Title | Tags |
| --- | --- |
| Educational Plan | 205163, 2 |

**Learning Outcome**
Develop a draft of an educational plan for both undergraduate and graduate training.

| Title | Tags |
| --- | --- |
| Current Physics Research | 205236, 3 |

**Learning Outcome**
Describe examples of current research in physics or astronomy, explaining what questions are being asked by the investigators and why these questions are interesting.

| Title | Tags |
| --- | --- |
| Subfields of Physics | 205328, 1 |

**Learning Outcome**
Describe the major subfields of physics and the breadth of interdisciplinary research to which physicists contribute.

| Title | Tags |
| --- | --- |
| Careers in Physics | 205338, 4 |

**Learning Outcome**
Describe career opportunities available in physics and astronomy and the specific preparation necessary for these

Max term 1:

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Phscs 121 or equivalent. Math 113 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Physics Review | 205299, 1 |

**Learning Outcome**
Recall and apply fundamental physics concepts at the level of Physics 121.

| Title | Tags |
| --- | --- |
| Math Review | 205307, 0 |

**Learning Outcome**
Recall and apply the fundamental mathematical concepts and techniques up to the level of differential and beginning integral calculus that are necessary for Physics 121.

careers.

## PHSCS 220 - Introduction to Electricity and Magnetism

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
220

**Teaching Area**
PHSCS

**Course Title**
Introduction to Electricity and Magnetism

**Course Description**
Electricity and magnetism. Weekly lab.

**Department**
Physics & Astronomy

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 113 - Calculus 2

**Additional Comments:**

**Other Prerequisites**
Phscs 121 or equivalent.

**Recommended**
It is highly recommended that Phscs 220 and Phscs 225 be taken concurrently

**Note**
For Physics, Applied Physics, and Physics Education majors, as well as Physics and Physics Education minors. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at

## PHSCS 222 - Modern Physics

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
222

**Teaching Area**
PHSCS

**Course Title**
Modern Physics

**Course Description**
Quantum physics, atoms, molecules, condensed matter, nuclei, elementary particles, and selected topics in contemporary physics.

**Department**
Physics & Astronomy

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics
  **AND** PHSCS 220 - Introduction to Electricity and Magnetism

**Additional Comments:**

**Other Prerequisites**
Phscs 121 or equivalent.

**Recommended**
Math 302 or Math 314

**Title**
Simple Systems

**Tags**
205204, 2

**Learning Outcome**
Apply the principles of quantum

https://is.byu.edu/catalog/PHSCS-220-M001.

| Title | Tags |
| --- | --- |
| Electrostatics | 203953, 1 |

**Learning Outcome**
Use Maxwell's equations to find electric and magnetic fields in symmetric arrangements of static charges and steady currents. Also find electric and magnetic fields by integrating over charge and current densities.

| Title | Tags |
| --- | --- |
| Energy and Motion of Charged Particles | 203954, 2 |

**Learning Outcome**
Solve problems and answer conceptual questions involving electromagnetic energy (potential), forces, and the motion of charged particles and dipoles.

| Title | Tags |
| --- | --- |
| Electrical Circuits | 203955, 3 |

**Learning Outcome**
Analyze simple direct current and alternating current circuits of resistors, inductors, capacitors and power supplies.

| Title | Tags |
| --- | --- |
| Electrodynamics | 203956, 4 |

**Learning Outcome**
Use Maxwell's equations to solve problems and answer conceptual questions with changing electric and magnetic fields, including induction and electromagnetic radiation.

mechanics to predict the results of measurements in simple systems such as a free particle, simple potential wells, and central potentials.

| Title | Tags |
| --- | --- |
| Applications | 205205, 3 |

**Learning Outcome**
Solve problems and answer conceptual questions applying the principles of quantum mechanics and special relativity to topics in modern physics such as atomic physics, molecular physics, the physics of solids, statistical physics, nuclear physics, radioactivity, and particle physics.

| Title | Tags |
| --- | --- |
| Fundamental Principles | 205447, 1 |

**Learning Outcome**
Demonstrate their understanding of the fundamental postulates and principles of special relativity and quantum mechanics.

## PHSCS 225 - Introduction to Experimental Physics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 225 |

**Teaching Area**
PHSCS
**Course Title**
Introduction to Experimental Physics

## PHSCS 227 - Solar System Astronomy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 227 |

**Teaching Area**
PHSCS
**Course Title**
Solar System Astronomy
**Course Description**
Solar system dynamics, planetary surfaces and atmospheres. Analysis

**Course Description**
Introduction to skills and approaches to foster innovation and leadership in experimental science. Hands-on experience constructing knowledge through a process of observing phenomena, proposing models, generating predictions, designing and conducting experiments, and analyzing and evaluating findings. Focus on developing skills for effectively pursuing experimental goals in teams. Exploration of physical systems in the domain of electrical phenomena and measurement and control using electrical transducers, analog and digital circuits, and microcontrollers. Analog and digital circuit concepts, simple linear network theory and impedance concepts using complex representations.
**Department**
Physics & Astronomy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Other Prerequisites**
Physics 220 must be taken previous to or concurrently with Physics 225. Taking the two classes concurrently is highly recommended.

| Title | Tags |
|---|---|
| Observation and measurement | 210115, 0, 1 |

**Learning Outcome**
Observe and measure electrical phenomena: recognize patterns, relationships, and incongruities.

| Title | Tags |
|---|---|
| Proposing and evaluating models | 210116, 0, 2 |

**Learning Outcome**
Propose mechanistic and mathematical models and design and carryout experiments to evaluate competing models.

| Title | Tags |
|---|---|
| Experimental design and analysis | 210117, 0, 3 |

Solar-system dynamics, planetary surfaces and atmospheres. Analysis of stellar data from telescopes, spectrometers and photometers. Interaction of light with atoms and molecules. Extrasolar planets.
**Department**
Physics & Astronomy
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 121 - Introduction to Newtonian Mechanics

**Additional Comments:**

**Other Prerequisites**
Math 112 or equivalent; Phscs 127 or concurrent

| Title | Tags |
|---|---|
| The Solar System | 205432, 2 |

**Learning Outcome**
Students will be able to describe the differences between the planets and the moons and how these differences provide clues as to their formation history. Mastery of this knowledge will be determined through short answer essay questions on exams and preclass questions.

| Title | Tags |
|---|---|
| Celestial Mechanics and the Nature of Light | 205431, 0, 1 |

**Learning Outcome**
Students will be able to solve elementary problems in classical

Learning Outcome
Analyze/Organize data and apply statistical hypothesis testing concepts in both design and analysis of experiments.

| Title | Tags |
| --- | --- |
| Models of electrical phenomena | 210118, 0, 4 |

Learning Outcome
Develop and apply models of electrical phenomena and devices using basic concepts of charge, voltage, complex impedance, spectrum analysis, and linear networks.

| Title | Tags |
| --- | --- |
| Electrical circuits | 210119, 0, 5 |

Learning Outcome
Use circuits in a context where physicists use them -- making measurements, interfacing with instruments and computers, signal conditioning, collecting data, and controlling apparatus.

| Title | Tags |
| --- | --- |
| Leadership and teamwork | 210120, 0, 6 |

Learning Outcome
Develop patterns for effective leadership and teamwork.

celestial mechanics and in the interaction of light with atoms and molecules. Mastery will be measured through the use of homework and exam problems.

| Title | Tags |
| --- | --- |
| Scientific Writing | 205433, 0, 3 |

Learning Outcome
Students will be taught how to search astronomy publications to gather information on a given topic and to present their findings in the form of a scientific paper with proper acknowledgement. Progress will be monitored through regular meetings with the instructor who will determine at each interview the student's progress and provide appropriate guidance. Students will be given a rubric to guide them in the writing of the paper, and the rubric will be used to grade the final paper. Mastery will be determined through an oral presentation and a final written report.

| Title | Tags |
| --- | --- |
| Scientific Research | 205434, 0, 4 |

Learning Outcome
Students will work on various projects throughout the semester that relate to planetary and stellar science using real astronomical data. They will write-up their results following a standard rubric. Mastery will be determined through the completion of the analysis and grading of each write-up as defined in the rubric.

| Title | Tags |
| --- | --- |
| Stellar Astrophysics | 213226, 0, 5 |

Learning Outcome
Students will be able to use equations and observational data to determine the physical properties of stars, such as distance, mass, temperature, etc. Mastery of this knowledge will be measured through the use of homework and exam problems.

| Title | Tags |
| --- | --- |
| Stellar Evolution | 213227, 0, 6 |

**Learning Outcome**
Students will learn how the initial mass of the protostar determines all of the physical characteristics of the star and how it will evolve throughout its life. Mastery of this knowledge will be determine through short answer essay questions on exams and problems.

## PHSCS 228 - Stellar and Extragalactic Astronomy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 228 |

**Teaching Area**
PHSCS
**Course Title**
Stellar and Extragalactic Astronomy
**Course Description**
Stellar atmospheres, stellar interiors, stellar evolution, interstellar matter, galactic structure, external galaxies, and cosmology.
**Department**
Physics & Astronomy
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

## PHSCS 230 - Computational Physics Lab 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 230 |

**Teaching Area**
PHSCS
**Course Title**
Computational Physics Lab 1
**Course Description**
Introduction to numerical and symbolic computation and graphical analysis using a symbolic mathematics program. Applications to mechanics, optics, and special relativity.
**Department**
Physics & Astronomy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

Complete ALL of the following courses:

- MATH 113 - Calculus 2
  **AND** PHSCS 227 - Solar System Astronomy

**Additional Comments:**

| Title | Tags |
|---|---|
| Stellar Populations and Galactic Structure | 205208, 2 |

**Learning Outcome**

Demonstrate an understanding of stellar populations and galactic structure;

| Title | Tags |
|---|---|
| Cosmology | 205210, 4 |

**Learning Outcome**

Display a qualitative grasp of up-to-date observational cosmology and solve elementary problems in theoretical cosmology.

| Title | Tags |
|---|---|
| The Milky Way and Other Galaxies | 205209, 0, 3 |

**Learning Outcome**

Display a knowledge of the basic properties of galaxies and their formation and evolution;

| Title | Tags |
|---|---|
| The Interstellar Medium and Star Formation | 205207, 0, 1 |

**Learning Outcome**

Display a qualitative and simple quantitative understanding of the role of the interstellar medium in star formation

- MATH 113 - Calculus 2
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics
  **AND** PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics

**Additional Comments:**

| Other Prerequisites | Recommended |
|---|---|
| Phscs 220 or concurrent enrollment. Math 302 or 313 or concurrent enrollment | C S 142 or concurrent enrollment |

| Title | Tags |
|---|---|
| Mathematical Basics | 205164, 1 |

**Learning Outcome**

Demonstrate the ability to apply calculus, linear algebra, and complex analysis to solve undergraduate-level physics problems.

| Title | Tags |
|---|---|
| Programming | 205165, 2 |

**Learning Outcome**

Demonstrate the ability to use programming constructs such as looping, conditional execution, and iteration to solve physics problems.

| Title | Tags |
|---|---|
| Solve Equations | 205166, 3 |

**Learning Outcome**

Solve equations, including systems of equation, related to physical phenomena both symbolically and numerically.

| Title | Tags |
|---|---|
| Develop Insight | 205167, 4 |

**Learning Outcome**

Demonstrate the ability to visualize, analyze, and interpret equations, data, and physical models.

## PHSCS 240 - Design, Fabrication, and Use of Scientific Apparatus

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHSCS | 240 |

**Teaching Area**

## PHSCS 245 - Experiments in Contemporary Physics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHSCS | 245 |

**Teaching Area**

PHSCS
**Course Title**
Design, Fabrication, and Use of Scientific Apparatus
**Course Description**
Machining, computer interfacing, controls, and vacuum systems.
**Department**
Physics & Astronomy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics
  **AND** PHSCS 145 - Experimental Methods in Physics

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics
  **AND** PHSCS 225 - Introduction to Experimental Physics

**Additional Comments:**

**Title**
Design and Build Experimental Apparatus

**Tags**
205428, 0, 1

**Learning Outcome**
Plan and construct mechanical and electrical systems for physical measurements using computer aided design, metal machining, soldering, and circuit

PHSCS
**Course Title**
Experiments in Contemporary Physics
**Course Description**
In-depth, multi-period experiments in contemporary physics, using advanced instrumentation.
**Department**
Physics & Astronomy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 220 - Introduction to Electricity and Magnetism
  **AND** PHSCS 240 - Design, Fabrication, and Use of Scientific Apparatus

**Additional Comments:**

**Title**
Students will become proficient independent experimenters through multi-period, in-depth projects

**Tags**
205238, 0, 1

**Learning Outcome**
Independently set goals, establish success criteria, determine feasibility, and design the experiment, including choosing and acquiring appropriate instruments and materials. Make and test predictions.

**Title**

construction.

| Title | Tags |
| --- | --- |
| Measure and Analyze Experimental Results | 205425, 0, 2 |

**Learning Outcome**
Make involved physical measurements and use approximate quantitative models to characterize the physical systems. Analyze and describe measurements of the systems. Use signal averaging and curve fitting.

| Title | Tags |
| --- | --- |
| Software automation and control | 205168, 0, 3 |

**Learning Outcome**
Learn and use LabVIEW basics for software automation of hardware using feedback control.

| Title | Tags |
| --- | --- |
| Record Keeping | 205415, 0, 4 |

**Learning Outcome**
Document in a personal lab notebook the procedures, methods, results, and analysis of laboratory exercises.

| Title | Tags |
| --- | --- |
| Presentation | 205269, 0, 5 |

**Learning Outcome**
Present work in writing (technical report and journal article) and through oral presentations

| Title | Tags |
| --- | --- |
| Review scientific literature | 210121, 0, 6 |

**Learning Outcome**
Identify relevant literature and summarize important findings.

| Title | Tags |
| --- | --- |
| Ethics | 210122, 0, 7 |

**Learning Outcome**
Demonstrate understanding of professional ethics guidelines for research activities and presentation of results.

| Title | Tags |
| --- | --- |
| Develop proposals for independent research | 205347, 0, 2 |

**Learning Outcome**
Learn to write and evaluate white papers and proposals and participate in proposal selection process. Carry out proposed research.

| Title | Tags |
| --- | --- |
| Advanced instrumentation and techniques | 210123, 0, 3 |

**Learning Outcome**
Demonstrate the use and assembly of experimental systems using contemporary instrumentation components to perform experiments with optical instrumentation, vacuum systems, lock-in detection, and Fourier analysis. Learn to approach new instruments and techniques independently.

| Title | Tags |
| --- | --- |
| Oral presentation | 210124, 0, 4 |

**Learning Outcome**
Develop ability to effectively and persuasively present proposals and research results.

| Title | Tags |
| --- | --- |
| Synthesizing learning | 210125, 0, 5 |

**Learning Outcome**
Synthesize and apply theoretical learning to experimental research.

## PHSCS 281 - Principles of Solid State Physics

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
281

**Teaching Area**
PHSCS

**Course Title**
Principles of Solid State Physics

**Course Description**
Introduction to physics of solids, including laboratory experience.

**Department**
Physics & Astronomy

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 220 - Introduction to Electricity and Magnetism

**Additional Comments:**

**Other Prerequisites**
Phscs 121 or equivalent.

**Note**
For students in science, computer science, technology, and engineering.

| Title | Tags |
| --- | --- |
| Crystals | 205264, 1 |

**Learning Outcome**

## PHSCS 291 - Introduction to Physics Careers and Research 2

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
291

**Teaching Area**
PHSCS

**Course Title**
Introduction to Physics Careers and Research 2

**Course Description**
Career opportunities for physicists in industry, interdisciplinary research, national labs and observatories, and professions such as medicine, law, and business. Personal planning for research or internship involvement. As Phscs 291 includes assignments to help students get started on their senior theses, it should only be taken by Physics majors or those seriously considering a Physics major.

**Department**
Physics & Astronomy

**When Taught**
Fall Term 2.

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 121 - Introduction to Newtonian Mechanics

**Additional Comments:**

**Other Prerequisites**
Phscs 191 or concurrent enrollment.

**Recommended**
It is recommended that students take this class during their sophomore year

**Note**

Use the concepts of lattices, unit cells, and the atomic basis to describe the structure of crystals.

| Title | Tags |
| --- | --- |
| Reciprocal Space | 205295, 1 |

**Learning Outcome**
Apply the concept of reciprocal lattices and the first Brillouin zone to arrive at conclusions about wave diffraction, dispersion graphs of lattice waves, and electron energy bands.

| Title | Tags |
| --- | --- |
| Band Structure | 205305, 3 |

**Learning Outcome**
Use the ideas of band structure to arrive at conclusions about the electrical properties of materials. Use the ideas of doping to arrive at conclusions about the electrical properties of semiconductors.

| Title | Tags |
| --- | --- |
| Electrons in Crystals | 205400, 2 |

**Learning Outcome**
Apply basic principles of quantum mechanics to describe the behavior of electrons in crystalline solids and describe the concepts of density of states, Pauli's exclusion principle, the Dirac distribution function, and band structure.

**Note**
Take first semester as a sophomore.

| Title | Tags |
| --- | --- |
| Careers | 205169, 1 |

**Learning Outcome**
Describe career opportunities for physicists in industry, interdisciplinary research, national labs and observatories, and professions such as medicine, law and business.

| Title | Tags |
| --- | --- |
| Prepare for Success | 205170, 2 |

**Learning Outcome**
Learn how to prepare for and succeed in such careers from physicists working in them.

| Title | Tags |
| --- | --- |
| Research Plan | 205171, 3 |

**Learning Outcome**
Develop a plan for research or internship involvement.

| Title | Tags |
| --- | --- |
| Graduate School | 205172, 4 |

**Learning Outcome**
Develop a plan for graduate school (if the student's career path requires it).

## PHSCS 297R - Introduction to Research

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 297R |

**Teaching Area**
PHSCS
**Course Title**
Introduction to Research
**Course Description**
Faculty-supervised research experience.
**Department**
Physics & Astronomy
**When Taught**
Contact Department

## PHSCS 310 - Physics By Inquiry: Mechanics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 310 |

**Teaching Area**
PHSCS
**Course Title**
Physics By Inquiry: Mechanics
**Course Description**
Exploring principles of mechanics through scripted inquiry resulting in personal discovery of key principles and learning to teach through inquiry methods.
**Department**
Physics & Astronomy
**When Taught**

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Title**
Research and Write

**Tags**
205350, 0

**Learning Outcome**
Produce an informal written report in acceptable scientific style describing the results of this mentored research experience.

Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 105 - General Physics 1

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 121 - Introduction to Newtonian Mechanics

**Additional Comments:**

**Note**
This class is designed for physics teaching and physical science teaching majors. Those with other majors may add by contacting the professor to get a permission-to-add code.

**Title**
Development of Physics Pedagogic Teaching Skills

**Tags**
205278, 6

**Learning Outcome**
Develop teaching skills in using projects, practicums and lab experimentation that can be transferred to secondary schools when they are teachers.

**Title**
Physics Teaching Using Technology

**Tags**
205289, 2

**Learning Outcome**
Be able to deliver laboratory

Be able to deliver laboratory instruction to students using only meter sticks and stopwatches (low tech data collection) and also using electronic probes (high tech data collection).Use of Video and Computer Data collection techniques.

| Title | Tags |
| --- | --- |
| Constructivist Learning Model | 205296, 0 |

**Learning Outcome**
Teach and learn physics using constructivist inquiry based modes of instruction.

| Title | Tags |
| --- | --- |
| Development and Experience with of a Suite of Secondary Scho | 205374, 4 |

**Learning Outcome**
Leave class with a suite of about 15 labs that they have completed and written up from the constructivist teacher model that they can use immediately in the 7-12 secondary physics classroom.

## PHSCS 311 - Physics By Inquiry: Electricity

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
311
**Teaching Area**
PHSCS
**Course Title**
Physics By Inquiry: Electricity
**Course Description**
Exploring principles of electricity through scripted inquiry resulting in personal discovery of key principles and learning to teach through inquiry methods.
**Department**
Physics & Astronomy
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

## PHSCS 313R - Special Topics in Physics

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
313R
**Teaching Area**
PHSCS
**Course Title**
Special Topics in Physics
**Course Description**
Special topics in physics for undergraduate physics majors.
**Department**
Physics & Astronomy
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 106 - General Physics 2

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 220 - Introduction to Electricity and Magnetism

**Additional Comments:**

| Title | Tags |
|---|---|
| Constructivist Learning Model | 205275, 0 |

**Learning Outcome**
Teach physics using constructivist inquiry based modes of instruction, scripted inquiry.

| Title | Tags |
|---|---|
| Development of Physics Pedagogic Teaching Skills | 205315, 6 |

**Learning Outcome**
Develop a teaching suite of labs for teaching electricity.Develop the ability to use alternative modes of assessment that take students beyond the multiple choice format of assessment to open ended, "apply the physics you understand" to this problem.

| Title | Tags |
|---|---|
| Development & Experience a Suite of Secondary School Electr | 205321, 5 |

**Learning Outcome**
Develop teaching skills in using projects, practicums and lab experimentation that can be

**Fixed**
0

| Title | Tags |
|---|---|
| Master Subject | 205300, 0 |

**Learning Outcome**
Achieve the learning outcomes of the trial courses assigned this number from time to time.

transferred to secondary schools when they are teachers.

**Title**
Physics Teaching Using Technology

**Tags**
205386, 2

**Learning Outcome**
Be able to deliver laboratory instruction to students from the CASTLE Electricity units.

## PHSCS 318 - Introduction to Mathematical Physics

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
318

**Teaching Area**
PHSCS

**Course Title**
Introduction to Mathematical Physics

**Course Description**
Partial differential equations, classical field equations, algebra of complex variables, Fourier analysis, integral transforms, and orthogonal functions.

**Department**
Physics & Astronomy

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## PHSCS 321 - Mechanics

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
321

**Teaching Area**
PHSCS

**Course Title**
Mechanics

**Course Description**
Newton's laws applied to particles and systems of particles, including rigid bodies. Conservation principles and Lagrange's and Hamilton's equations.

**Department**
Physics & Astronomy

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- MATH 303 - Mathematics for Engineering 2
  **AND** PHSCS 230 - Computational Physics Lab 1

Prerequisites

**Complete ALL of the following Courses:**

- MATH 334 - Ordinary Differential Equations
  **AND** PHSCS 230 - Computational Physics Lab 1

**Additional Comments:**

**Other Prerequisites**
Math 302 or Math 314.

| Title | Tags |
|---|---|
| Partial Differential Equations | 205173, 3 |

**Learning Outcome**
Solve partial differential equations in Cartesian, cylindrical, and spherical coordinates using separation of variables and expansions in orthogonal functions. Apply boundary conditions appropriate for physical systems.

| Title | Tags |
|---|---|
| Complex Numbers | 205174, 5 |

**Learning Outcome**
Perform algebraic computations involving complex numbers and functions.

| Title | Tags |
|---|---|
| Special Functions | 205175, 9 |

**Learning Outcome**
Use the properties (such as recursion relations, derivative relationships, and orthogonality conditions) of various special functions, including trigonometric functions, Bessel functions, and Legendre polynomials to solve problems involving those functions.

| Title | Tags |
|---|---|
| Fourier Analysis | 205176, 11 |

**Learning Outcome**
Use Fourier series and transforms to expand functions and solve partial differential equations on appropriate domains.

Prerequisites

**Complete ALL of the following Courses:**

- MATH 302 - Mathematics for Engineering 1
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics
  **AND** PHSCS 230 - Computational Physics Lab 1

Prerequisites

**Complete ALL of the following Courses:**

- MATH 314 - Calculus of Several Variables
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics
  **AND** PHSCS 230 - Computational Physics Lab 1

**Additional Comments:**

**Other Prerequisites**
Math 303 or 334 or concurrent enrollment.

**Recommended**
Concurrent enrollment in Phscs 330

| Title | Tags |
|---|---|
| Newton's Laws | 205177, 1 |

**Learning Outcome**
Use Newtonian mechanics with forces and torques to solve problems in Cartesian and curvilinear coordinates.

| Title | Tags |
|---|---|
| Work, Energy, and Momentum | 205178, 2 |

**Learning Outcome**
Solve mechanics problems using work-energy, and conservation of energy, momentum and angular momentum.

| Title | Tags |
|---|---|
| Rotation | 205179, 3 |

**Learning Outcome**
Solve and analyze rigid-body problems and problems in non-inertial frames.

| Title | Tags |
|---|---|
| Lagrangion and Hamiltonian mechanics | 205180, 4 |

**Learning Outcome**
Use Lagrangian and Hamiltonian mechanics to obtain the equations of motion for a variety of problems, including the use of generalized coordinates and cyclic coordinates.

| Title | Tags |
|---|---|
| Perturbation Theory | 205181, 5 |

**Learning Outcome**
Use perturbation and similar techniques to linearize equations of motion to analyze stability and study coupled systems using normal modes.

## PHSCS 329 - Observational Astronomy

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
329
**Teaching Area**
PHSCS
**Course Title**
Observational Astronomy
**Course Description**
Basic techniques of observational astronomy, emphasizing practical experience in optical data acquisition and analysis.
**Department**
Physics & Astronomy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- PHSCS 227 - Solar System Astronomy

**Additional Comments:**

**Recommended**
PHSCS 228 concurrent enrollment if not completed

**Title**

## PHSCS 330 - Computational Physics Lab 2

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
330
**Teaching Area**
PHSCS
**Course Title**
Computational Physics Lab 2
**Course Description**
Numerical solution of ordinary differential equations with applications to dynamics and chaos. Introduction to scientific programming.
**Department**
Physics & Astronomy
**When Taught**
Fall

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- C S 142 - Introduction to Computer Programming
  **AND** MATH 302 - Mathematics for Engineering 1
  **AND** PHSCS 230 - Computational Physics Lab 1

Prerequisites

| Observing with a Telescope and CCD camera | Tags<br>205211, 1 |
|---|---|

**Learning Outcome**
Obtain publication quality astronomical data (photometric data) using a telescope and CCD camera.

| Title<br>Optical Data Reduction and Analysis | Tags<br>205212, 2 |
|---|---|

**Learning Outcome**
Process raw data and extract astrophysically significant information from data about astronomical objects.

| Title<br>Professional Ethics | Tags<br>205213, 5 |
|---|---|

**Learning Outcome**
Follow professional ethics guidelines in research activities and presentation of results.

| Title<br>Astronomical Written and Verbal Presentation Skills | Tags<br>205468, 3 |
|---|---|

**Learning Outcome**
---Present results in astronomical publication format written in AASTeX.
---Present results in poster form like those at American Astronomical Society meetings.
---Prepare a request for telescope time at a facility outside of BYU

**Complete ALL of the following Courses:**

- C S 142 - Introduction to Computer Programming
  **AND** MATH 334 - Ordinary Differential Equations
  **AND** PHSCS 230 - Computational Physics Lab 1

**Additional Comments:**

**Other Prerequisites**
Math 303 or 334 or equivalent; CS 142 or equivalent.

| Title<br>Computer Programming and Differential Equations | Tags<br>205439, 1 |
|---|---|

**Learning Outcome**
Write and debug scientific programs to solve ordinary differential equations and simulate dynamical systems.

| Title<br>Explain Differential Equations | Tags<br>205440, 2 |
|---|---|

**Learning Outcome**
Qualitatively explain how differential equations generate their solution curves.

## PHSCS 360 - Statistical and Thermal Physics

### Course Information

**Teaching Area (new)** | **Course Number**
PHSCS | 360

**Teaching Area**
PHSCS
**Course Title**
Statistical and Thermal Physics
**Course Description**
Principles of statistical mechanics and thermodynamics, with applications.
**Department**
Physics & Astronomy
**When Taught**
Winter

## PHSCS 383 - Physical Reasoning with Data

### Course Information

**Course Number**
383
**Teaching Area**
PHSCS
**Course Title**
Physical Reasoning with Data
**Course Description**
An experiential learning physics-based approach to data science that includes designing physical experiments, collecting data, and investigating uncertainties, causality and correlation in datasets while developing cross-discipline technical communication skills.
**Department**
Physics & Astronomy

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 303 - Mathematics for Engineering 2
  **AND** PHSCS 222 - Modern Physics

Prerequisites

**Complete ALL of the following Courses:**
- MATH 334 - Ordinary Differential Equations
  **AND** PHSCS 222 - Modern Physics

**Additional Comments:**

**Other Prerequisites**
Math 302 or Math 314.

| Title | Tags |
|---|---|
| Thermodynamics | 205182, 1 |

**Learning Outcome**
Use statistical arguments to explain thermodynamics from first principles, including heat flow and the increase of entropy. Apply these to solve quantitative problems in thermodynamics.

| Title | Tags |
|---|---|
| Equilibrium and Phase Transformations | 205183, 2 |

**Learning Outcome**
Use thermodynamic potentials, e.g. the Helmholtz and Gibbs free

**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- STAT 121 - Principles of Statistics
  **AND** C S 180 - Introduction to Data Science

**Complete ALL of the following Courses:**
- STAT 201 - Statistics for Engineers and Scientists
  **AND** C S 111 - Introduction to Computer Science

**Complete ALL of the following Courses:**
- STAT 201 - Statistics for Engineers and Scientists
  **AND** C S 180 - Introduction to Data Science

**Additional Comments:**

| Title | Tags |
|---|---|
| Information Physics | 214283, 0, 1, 2023-08-29 11:52:41 |

**Learning Outcome**
Understand the concepts of information, entropy, probability, and surprise and their use in data science, machine learning, and the modeling of physical systems

| Title | Tags |
|---|---|
| Design and Perform Physical Experiments | 214284, 0, 2, 2023-08-29 11:52:42 |

**Learning Outcome**
Plan physical experiments and observations; decide what data are needed, determine the sampling parameters; and evaluate limitations in the dataset

| Title | Tags |
|---|---|

energies, to predict equilibrium states in physical systems and predict phase transformations.

| Title | Tags |
| --- | --- |
| Explain Physical Phenomena | 205184, 3 |

**Learning Outcome**
Use simple models to explain physical phenomena in a variety of systems, including: classical and quantum ideal gases, magnetic systems, solids.

| Title | Tags |
| --- | --- |
| Physical Interpretation of Data | 214285, 0, 3, 2023-08-29 11:52:44 |

**Learning Outcome**
Recognize erroneous data; detect biases and outliers; apply scaling and nondimensionalization to obtain insights into the data

| Title | Tags |
| --- | --- |
| Causal Relationships in Data | 214286, 0, 4, 2023-08-29 11:52:46 |

**Learning Outcome**
Comprehend the difference between correlation and causality and their roles in data science and data-limited information

| Title | Tags |
| --- | --- |
| Scientific Communication and Collaboration | 214287, 0, 5, 2023-08-29 11:52:47 |

**Learning Outcome**
Practice communicating across disciplines; participate in active learning classroom, including small group discussion; complete final group project and presentation

## PHSCS 391R - Seminar in Current Physics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 391R |

**Teaching Area**
PHSCS
**Course Title**
Seminar in Current Physics
**Course Description**
Attend seminar presentations in current physics and astronomy topics.
**Department**
Physics & Astronomy
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

## PHSCS 399R - Academic Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 399R |

**Teaching Area**
PHSCS
**Course Title**
Academic Internship
**Course Description**
Research experience in an industrial, academic, or government laboratory, reported to a BYU faculty member.
**Department**
Physics & Astronomy
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
Both department chair's and internship coordinator's consent.
**Note**

Fixed
1

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Current topics | 205453, 1 |

Learning Outcome
Students will become familiar with current topics in this content area.

| Title | Tags |
| --- | --- |
| Build & strengthen career network | 205454, 2 |

Learning Outcome
Students will build and strengthen their career network.

| Title | Tags |
| --- | --- |
| Attend seminars | 205455, 3 |

Learning Outcome
Students will attend 50% of the seminars offered this semester and write a summary of the topic discussed each time.

For students engaged in the internship program. An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Research, Write, Present | 205320, 1 |

Learning Outcome
Student will report, both verbally and in writing, what he or she learned from the internship experience.

## PHSCS 416 - Writing in Physics

### Course Information

Teaching Area (new)
PHSCS
Course Number
416
Teaching Area
PHSCS
Course Title
Writing in Physics
Course Description
Writing scientific and technical articles and proposals. Writing and presentation skills applied to senior thesis or capstone project. Resources and guidelines for publishing in physics.
Department
Physics & Astronomy
When Taught
Winter

### Credit Hours

Min
3

Fixed

## PHSCS 427 - Stellar Astrophysics

### Course Information

Teaching Area (new)
PHSCS
Course Number
427
Teaching Area
PHSCS
Course Title
Stellar Astrophysics
Course Description
The study of the structure, evolution, and light output of stars and how they fit within the galactic structure.
Department
Physics & Astronomy
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Other Prerequisites**
Completed research for thesis or capstone project.

| Title | Tags |
|---|---|
| Communication | 205237, 0 |

**Learning Outcome**
Communicate succinctly and precisely in both written and oral formats.

| Title | Tags |
|---|---|
| Ethics | 205243, 2 |

**Learning Outcome**
Describe ethical issues that may arise in the physics profession and formulate appropriate responses to these issues.

| Title | Tags |
|---|---|
| Thesis | 205309, 1 |

**Learning Outcome**
Write a thesis/capstone report or a professional paper.

| Title | Tags |
|---|---|
| Professional Documents and Presentations | 205345, 3 |

**Learning Outcome**
Produce professional documents (resume, memo, etc.) and presentations.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- C S 142 - Introduction to Computer Programming
  **AND** MATH 302 - Mathematics for Engineering 1
  **AND** PHSCS 228 - Stellar and Extragalactic Astronomy

Prerequisites

**Complete ALL of the following Courses:**
- C S 142 - Introduction to Computer Programming
  **AND** MATH 314 - Calculus of Several Variables
  **AND** PHSCS 228 - Stellar and Extragalactic Astronomy

**Additional Comments:**

| Title | Tags |
|---|---|
| Astronomical Writing Skills | 205469, 8 |

**Learning Outcome**
Prepare an astronomy journal style article detailing a single astronomical topic related to class material. Do this with proper ethical considerations.

| Title | Tags |
|---|---|
| Synthesizing Relevant Journal Articles | 205470, 6 |

**Learning Outcome**
Read multiple astronomy journal articles covering content from this course and synthesize the information to provide a clearly written discussion of the material.

| Title | Tags |
|---|---|
| Astrophysical Content | 205480, 7 |

Astrophysical Content 203480, 7

**Learning Outcome**
---Discuss conceptual understanding and work mathematical solutions for the connection between stars and basic galactic structure.
---Discuss conceptual understanding and work mathematical solutions for the formation of spectral lines in astrophysical objects.
---Discuss conceptual understanding and work mathematical solutions for the basics of stellar structure and evolution.
---Use basic equations and computer programs to explore stellar astrophysics.

## PHSCS 428 - Galaxies and Cosmology

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
428
**Teaching Area**
PHSCS
**Course Title**
Galaxies and Cosmology
**Course Description**
The study of the formation, nature, and evolution of galaxies together with the study of the universe as a whole using Big Bang cosmology.
**Department**
Physics & Astronomy
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

## PHSCS 430 - Computational Physics Lab 3

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
430
**Teaching Area**
PHSCS
**Course Title**
Computational Physics Lab 3
**Course Description**
Computational study of static and dynamic boundary value problems, partial differential equations, linear algebra, and eigenvalues. Applications such as electrostatics, thermodynamics, waves, and quantum mechanics. Computational tools to store, share, and analyze data, including machine learning.
**Department**
Physics & Astronomy
**When Taught**
Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- C S 142 - Introduction to Computer Programming
  **AND** MATH 303 - Mathematics for Engineering 2
  **AND** PHSCS 228 - Stellar and Extragalactic Astronomy

Prerequisites

**Complete ALL of the following Courses:**

- C S 142 - Introduction to Computer Programming
  **AND** MATH 334 - Ordinary Differential Equations
  **AND** PHSCS 228 - Stellar and Extragalactic Astronomy

**Additional Comments:**

**Recommended**
MATH 314.

| Title | Tags |
|---|---|
| Galaxy Properties | 205481, 6 |

**Learning Outcome**
Students will describe and quantify galaxy morphological types, dynamics, formation history, content, age, chemistry, evolution and clustering. They will place these properties in the context of current theory.

| Title | Tags |
|---|---|
| Active Galactic Nuclei | 205482, 7 |

**Learning Outcome**
Students will describe the observational aspects of all active galactic nuclei (AGN) classes (quasars, blazars, Seyferts I and II, FR- I and FR-II radio galaxies, LINERS). They will apply the standard model to explain these different classes and to explain how AGN evolve with time.

| Title | Tags |
|---|---|
| Cosmology | 205483, 8 |

**Learning Outcome**
Starting with Newtonian dynamics, students will derive the basic energy equation of an expanding universe. They will extend it to curved-space using the Robertson-Walker metric, and derive and apply the

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PHSCS 222 - Modern Physics
  **AND** PHSCS 318 - Introduction to Mathematical Physics
  **AND** PHSCS 330 - Computational Physics Lab 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Numerically Solve Partial Differential Equations | 205441, 1 |

**Learning Outcome**
Write and debug programs to solve physics problems involving partial differential equations.

| Title | Tags |
|---|---|
| Linear Algebra | 205442, 3 |

**Learning Outcome**
Use linear algebra and eigenvalues in the solution of partial differential equations and to find normal modes in mechanical systems.

| Title | Tags |
|---|---|
| Data Analysis | 205474, 4 |

**Learning Outcome**
Use databases to store and share data. Use machine learning tools to model and find patterns in data.

Friedmann equations to different possible universes.

| Title | Tags |
| --- | --- |
| Big Bang Theory | 205484, 9 |

**Learning Outcome**
Students will describe and contrast big bang and steady state cosmologies and explain why big bang is preferred. They will memorize and explain the main eras in big bang evolution including inflation. They will present and explain the significance of the multipole analysis of the cosmic background radiation (CMB).

| Title | Tags |
| --- | --- |
| Technical Writing | 205485, 10 |

**Learning Outcome**
Students will research and write a 20 page paper on one aspect of cosmology. They will present this paper either in class or at the spring research conference.

## PHSCS 441 - Electricity and Magnetism

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
441
**Teaching Area**
PHSCS
**Course Title**
Electricity and Magnetism
**Course Description**
Classical theory of static electric and magnetic fields.
**Department**
Physics & Astronomy
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**

## PHSCS 442 - Electrodynamics

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
442
**Teaching Area**
PHSCS
**Course Title**
Electrodynamics
**Course Description**
Maxwell's equations, radiation, interaction of electromagnetic fields with matter, and special relativity.
**Department**
Physics & Astronomy
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**

3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 220 - Introduction to Electricity and Magnetism
  **AND** PHSCS 318 - Introduction to Mathematical Physics

**Additional Comments:**

| Title | Tags |
|---|---|
| Vector Calculus | 205185, 1 |

**Learning Outcome**
Demonstrate the ability to apply the concepts of vector calculus as used in Maxwell's equations.

| Title | Tags |
|---|---|
| Integrating Static Sources | 205186, 3 |

**Learning Outcome**
Demonstrate the ability to integrate over a source distribution to calculate time-independent fields and potentials for both electricity and magnetism. Also demonstrate the ability to use Gauss's law and Amperes law to find electric and magnetic fields in symmetric situations.

| Title | Tags |
|---|---|
| Image Charges and Currents | 205187, 4 |

**Learning Outcome**
Demonstrate the ability to use vacuum harmonics, image charges, and image currents to solve for time-independent electric and magnetic potentials and fields.

| Title | Tags |
|---|---|
| Material Influences | 205188, 7 |

**Learning Outcome**
Demonstrate the ability to calculate electric and magnetic

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 441 - Electricity and Magnetism

**Additional Comments:**

| Title | Tags |
|---|---|
| Time-dependent Sources | 205189, 1 |

**Learning Outcome**
Demonstrate the ability to calculate time-dependent electric fields using Faraday's law and the ability to calculate time-dependent magnetic fields using Maxwell's displacement current.

| Title | Tags |
|---|---|
| Energy Densities | 205190, 2 |

**Learning Outcome**
Demonstrate the ability to solve problems involving electric and magnetic energy densities and the Maxwell stress tensor.

| Title | Tags |
|---|---|
| Electromagnetic Waves | 205191, 3 |

**Learning Outcome**
Demonstrate the ability to use Maxwell's equations to solve problems involving electromagnetic waves in vacuum and in matter.

| Title | Tags |
|---|---|
| Retarded Time | 205192, 4 |

**Learning Outcome**
Demonstrate the ability to use the concept of retarded time to compute radiation potentials.

fields in the presence of matter which can be electrically and magnetically polarized, including the ability to solve problems involving torques and potential energies of electric and magnetic dipoles.

| Title | Tags |
| --- | --- |
| Relativity | 205193, 5 |

**Learning Outcome**
Demonstrate the ability to solve problems involving the special theory of relativity, including 4-vectors, form invariance, and the electromagnetic field tensor.

## PHSCS 451 - Quantum Mechanics

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
451
**Teaching Area**
PHSCS
**Course Title**
Quantum Mechanics
**Course Description**
Analytical foundations of quantum mechanics.
**Department**
Physics & Astronomy
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 222 - Modern Physics
  **AND** PHSCS 318 - Introduction to Mathematical Physics

**Additional Comments:**

| Title | Tags |
| --- | --- |

## PHSCS 452 - Applications of Quantum Mechanics

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
452
**Teaching Area**
PHSCS
**Course Title**
Applications of Quantum Mechanics
**Course Description**
Applications of quantum mechanics to atomic, molecular, statistical, condensed-matter, and nuclear physics; elementary particles.
**Department**
Physics & Astronomy
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 451 - Quantum Mechanics

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Concepts of Quantum Mechanics | 205194, 1 |

**Learning Outcome**
Understand the mechanics of operators, eigenstates and eigenvalues. Learn how to build wave functions, estimate expectation values and standard deviations, and apply the Heisenberg uncertainty principle.

| Title | Tags |
| --- | --- |
| Mathematical Techniques | 205195, 2 |

**Learning Outcome**
Manipulate the Schrödinger equation to solve for wave functions.

| Title | Tags |
| --- | --- |
| Solutions for Standard Potentials | 205196, 3 |

**Learning Outcome**
Develop free-particle and bound-state solutions to the Schrödinger equation. (In particular, harmonic oscillator, infinite and finite square-well, finite barrier potentials...).

| Title | Tags |
| --- | --- |
| Hydrogen | 205197, 4 |

**Learning Outcome**
Construct simple solutions for Hydrogen atom, angular momentum and spin systems, atoms and solids.

| Title | Tags |
| --- | --- |
| Quantum systems | 205198, 2 |

**Learning Outcome**
Apply techniques such as time-independent perturbation theory, variational methods, time-dependent perturbation theory, and scattering theory to quantum systems.

| Title | Tags |
| --- | --- |
| Level Splitting | 205199, 4 |

**Learning Outcome**
Describe and quantify fine, hyperfine, and Zeeman level splittings in atoms.

| Title | Tags |
| --- | --- |
| Emission and Absorption | 205200, 5 |

**Learning Outcome**
Characterize emission and absorption of radiation by atoms, and derive the associated selection rules.

| Title | Tags |
| --- | --- |
| Scattering and Tunneling | 205201, 7 |

**Learning Outcome**
Solve quantum scattering and tunneling problems.

## PHSCS 461 - (Phscs-Me En) Introduction to Acoustics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 461 |

**Teaching Area**
PHSCS
**Course Title**
(Phscs-Me En) Introduction to Acoustics
**Course Description**
Mathematical descriptions of physical phenomena in generation, propagation, and reception of acoustic waves. Fundamental acoustical instrumentation and analysis techniques. Application of physical principles and mathematical models to realistic problems.
**Department**
Physics & Astronomy

## PHSCS 471 - Principles of Optics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 471 |

**Teaching Area**
PHSCS
**Course Title**
Principles of Optics
**Course Description**
Electromagnetic wave phenomena, including polarization effects, interference, coherence, dispersion, ray theory, diffraction; introduction to quantum nature of light. Laboratory component emphasizes applications.
**Department**
Physics & Astronomy
**When Taught**

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 303 - Mathematics for Engineering 2
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

Prerequisites

**Complete ALL of the following Courses:**
- MATH 334 - Ordinary Differential Equations
  **AND** PHSCS 121 - Introduction to Newtonian Mechanics

**Additional Comments:**

**Recommended**
Phscs 123 or equivalent. Concurrent enrollment in Phscs 318 or equivalent

| Title | Tags |
|---|---|
| Acoustical Measurements and Reporting | 205271, 1 |

**Learning Outcome**
Perform acoustical measurements, interpret the data, and document the results in the form of technical laboratory reports.

| Title | Tags |
|---|---|
| Principles of Acoustics | 205332, 0 |

**Learning Outcome**

Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 302 - Mathematics for Engineering 1
  **AND** PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics
  **AND** PHSCS 220 - Introduction to Electricity and Magnetism

Prerequisites

**Complete ALL of the following Courses:**
- MATH 314 - Calculus of Several Variables
  **AND** PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics
  **AND** PHSCS 220 - Introduction to Electricity and Magnetism

**Additional Comments:**

| Other Prerequisites | Recommended |
|---|---|
| Math 303 or 334 or concurrent enrollment | Phscs 318 |

| Title | Tags |
|---|---|
| Basic Optics Concepts | 205202, 1 |

**Learning Outcome**
Use mathematical and conceptual descriptions of propagation of light in matter, reflection/transmission at boundaries, polarization effects, interference, dispersion, coherence, image formation, diffraction, and quantum aspects of light to analyze and predict

Learning Outcome
Demonstrate a conceptual and mathematical understanding of acoustical phenomena, including source radiation, transmission, absorption, and reflection.

| Title | Tags |
| --- | --- |
| Acoustical Calculations | 205370, 2 |

Learning Outcome
Appropriately calculate various measures of sound, including sound pressure level, transmission loss, sound power, weighted levels, and noise criteria.

optical phenomena.

| Title | Tags |
| --- | --- |
| Mathematical Tools | 205203, 5 |

Learning Outcome
Apply mathematical tools such as vector calculus, complex numbers, matrices, and Fourier transforms (1D and 2D) to optical problems.

| Title | Tags |
| --- | --- |
| Lab Work | 205304, 2 |

Learning Outcome
Manipulate and measure properties of light in a laboratory setting.

## PHSCS 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
477R

**Teaching Area**
PHSCS

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
Physics & Astronomy

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

## PHSCS 492R - Capstone Project in Applied Physics

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
492R

**Teaching Area**
PHSCS

**Course Title**
Capstone Project in Applied Physics

**Course Description**
Conduct and report original research or appropriate creative work. Mentored career experience combining physics and the chosen area of interest.

**Department**
Physics & Astronomy

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
2

#### Lecture Hours

**Fixed**
0

**Note**
Project must be approved before registration or starting project.

| Title | Tags |
| --- | --- |
| Research and Write | 205206, 1 |

**Learning Outcome**
Students will produce, in both verbal and written form, a report of what was accomplished in his or her capstone project.

## PHSCS 497R - Research in Physics

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
497R

**Teaching Area**
PHSCS

**Course Title**
Research in Physics

**Course Description**
Mentored research in physics or astronomy, with approval from a faculty advisor.

**Department**
Physics & Astronomy

## PHSCS 498R - Senior Thesis

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
498R

**Teaching Area**
PHSCS

**Course Title**
Senior Thesis

**Course Description**
Conduct and report research under a department faculty mentor or other professional.

**Department**
Physics & Astronomy

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Title**
Research and Write

**Tags**
205276, 1

**Learning Outcome**
Produce a written report in acceptable scientific style describing the results of this mentored research experience.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
2

### Lecture Hours

**Fixed**
0

**Note**
Thesis topic must be cleared by faculty member before registration.

**Title**
Research

**Tags**
205291, 1

**Learning Outcome**
Perform significant research in physics or astronomy under the direction of a faculty or internship mentor.

**Title**
Ethics

**Tags**
205401, 3

**Learning Outcome**
Do the above within professional ethical standards.

**Title**
Writing

**Tags**
205404, 2

**Learning Outcome**
Present their research in a written document that follows professional standards in the field.

## PHSCS 500 - (Phscs-Chem-C S-Geol-Math-MthEd-Stat) Business Career Essentials in Science and Math

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
500
**Teaching Area**
PHSCS
**Course Title**
(Phscs-Chem-C S-Geol-Math-MthEd-Stat) Business Career Essentials in Science and Math
**Course Description**
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.
**Department**
Physics & Astronomy
**When Taught**
Contact Department

### Credit Hours

**Min**
1.5
**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

## PHSCS 502 - Job Search Strategies

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
502
**Teaching Area**
PHSCS
**Course Title**
Job Search Strategies
**Course Description**
Course will assist graduating students in identifying and connecting to potential employers.
**Department**
Physics & Astronomy
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

## PHSCS 513R - Special Topics in Contemporary Physics

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
513R
**Teaching Area**
PHSCS
**Course Title**
Special Topics in Contemporary Physics
**Course Description**
Topics generally related to recent developments in physics.
**Department**
Physics & Astronomy
**When Taught**
Contact Department

## PHSCS 529 - Advanced Observational Astronomy

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
529
**Teaching Area**
PHSCS
**Course Title**
Advanced Observational Astronomy
**Course Description**
Advanced techniques of observational astronomy, emphasizing knowledge and skills necessary to carry out observational scientific investigation in astronomy.
**Department**
Physics & Astronomy
**When Taught**

### Credit Hours

Min
0.5

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Instructor's consent

| Title | Tags |
| --- | --- |
| Master Subject | 205419, 1 |

Learning Outcome
Demonstrate the ability to achieve the learning outcomes of this trial course whose subject is variable.

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PHSCS 427 - Stellar Astrophysics
  **AND** PHSCS 428 - Galaxies and Cosmology

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Robotic and Remote telescopes | 205240, 1 |

Learning Outcome
Program an observing schedule into a remote/robotic telescope system to acquire high quality data.

| Title | Tags |
| --- | --- |
| Infared Observations | 205270, 2 |

Learning Outcome
Process and analyze infrared astronomical data sets.

| Title | Tags |
| --- | --- |
| Optical Astronomy | 205274, 1 |

Learning Outcome
Reduce all-sky photometric astronomical data in multiple filters.

| Title | Tags |
| --- | --- |
| Spectroscopic Observations | 205324, 4 |

**Learning Outcome**
Reduce raw astronomical spectroscopic data to 1D wavelength calibrated stectra and calculate astrophysically important data from those spectra.

| Title | Tags |
| --- | --- |
| Multi-wavelength Observations | 205414, 5 |

**Learning Outcome**
Describe observing programs that require multi-wavelength observing programs.

| Title | Tags |
| --- | --- |
| Radio Astronomy | 205426, 3 |

**Learning Outcome**
Obtain, process, and analyze radio data on astronomical objects.

## PHSCS 540 - Electrical Engineering Principles and Practices for Physicists

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 540 |

**Teaching Area**
PHSCS
**Course Title**
Electrical Engineering Principles and Practices for Physicists
**Course Description**
Electronic instrumentation theory and methods. Computer aided circuit design and analysis with transforms, logic and computer simulation. Analog, digital, and discrete signal systems. Printed circuit design and system-on-a-chip creation.
**Department**
Physics & Astronomy
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

## PHSCS 545 - Introduction to Plasma Physics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHSCS | 545 |

**Teaching Area**
PHSCS
**Course Title**
Introduction to Plasma Physics
**Course Description**
Introduction to plasma physics, including single-particle motion and both fluid and kinetic models of plasma behavior.
**Department**
Physics & Astronomy
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

Fixed
0

## Lab Hours

Fixed
6

Other Prerequisites
Phscs 140, 145, 220; Math 303 or 334; ability to program in Matlab.

| Title | Tags |
| --- | --- |
| Mathematical modeling of electronic circuits & software simulation of circuits | 205449, 1 |

Learning Outcome
Students will acquire introductory skill in topics advanced for typical physics curriculum
in the application of Laplace Transforms to passive and active analog circuits.
in SPICE simulation software for transistor and operational amplifier circuits.
in component level debug and repair.
in digital logic synthesis and reduction.

| Title | Tags |
| --- | --- |
| Microcontroller implementation and programming | 205450, 2 |

Learning Outcome
Students will acquire introductory skill in topics advanced for typical physics curriculum
in computing theory and microcontroller applications and programming.

| Title | Tags |
| --- | --- |
| Synthesis of programmable logic | 205451, 3 |

Learning Outcome
Students will acquire introductory skill in topics advanced for typical physics curriculum
in field programmable gate array (FPGA) configuration, application, and the notion of a system on a chip (SoC).

Title
Circuit manufacturing and Tags

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PHSCS 321 - Mechanics
  **AND** PHSCS 441 - Electricity and Magnetism

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Kinetic Theory and Nonlinear Effects | 205256, 3 |

Learning Outcome
Solve problems and answer conceptual questions involving the kinetic theory of plasmas and nonlinear effects.

| Title | Tags |
| --- | --- |
| Particle and Fluid Descriptions | 205335, 1 |

Learning Outcome
Solve problems and answer conceptual questions involving both the single-particle and the fluid descriptions of a plasma.

| Title | Tags |
| --- | --- |
| Waves | 205409, 1 |

Learning Outcome
Describe and characterize the various waves found in a plasma.

| Title | Tags |
| --- | --- |
| Equilibrium and Stability | 205418, 2 |

Learning Outcome
Determine the equilibrium and evaluate the stability of simple plasma configurations.

| Circuit manufacturing and packaging skills | Tags<br>205452, 4 |
|---|---|

**Learning Outcome**
Students will acquire introductory skill in topics advanced for typical physics curriculum
in computer aided design (CAD) for printed circuits, soldering, manual chassis wiring, and the use of sheet metal for constructing electronic chassis.
in thru hole and surface mount technology assembly and repair, including high pin count, high pin pitch parts.

## PHSCS 560 - Acoustical Measurement Methods

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHSCS | 560 |

**Teaching Area**
PHSCS
**Course Title**
Acoustical Measurement Methods
**Course Description**
Acoustics-based data acquisition and signal processing in the time and frequency-domain domains. Use of acoustical measurement standards. Preparation of technical memoranda.
**Department**
Physics & Astronomy
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

## PHSCS 561 - (Phscs-Me En) Fundamentals of Acoustics.

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PHSCS | 561 |

**Teaching Area**
PHSCS
**Course Title**
(Phscs-Me En) Fundamentals of Acoustics.
**Course Description**
Vibrating systems, elastic media, mechanical energy, and radiation. Sound generation, transmission, reflection, and reception.
**Department**
Physics & Astronomy
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Other Prerequisites | Recommended |
|---|---|
| Phscs 318 or equivalent; Phscs 461 or concurrent enrollment. | Phscs 318, 321; or equivalents |

| Title | Tags |
|---|---|

| Title | Tags |
| --- | --- |
| Sound | 214684, 0, 1 |

**Learning Outcome**

Understand physical phenomena underlying sound propagation including energy, intensity, plane waves, standing waves/normal modes, Helmholtz resonators, reflection, transmission, refraction, and absorption. Apply the acoustic wave equation in one, two, and three dimensional systems.

| Title | Tags |
| --- | --- |
| Communication | 214686, 0, 2 |

**Learning Outcome**

Communicate effectively with others in the class as you work together to learn the material and solve problems. Practice respect and professionalism in your communications both oral and written as you work in groups on the assignments.

## PHSCS 571 - Lasers and Atoms

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
571
**Teaching Area**
PHSCS
**Course Title**
Lasers and Atoms
**Course Description**
Laser amplification, cavity design, and control and characterization of temporal and spatial modes. Interactions between lasers and atoms.
**Department**
Physics & Astronomy
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## PHSCS 580 - Theory of Predictive Modeling

### Course Information

**Course Number**
580
**Teaching Area**
PHSCS
**Course Title**
Theory of Predictive Modeling
**Course Description**
Mathematical, computational, and philosophical foundations of machine learning and its dual problem, control. Introduction to system identification, causality, uncertainty, model. approximation, and information geometry
**Department**
Physics & Astronomy
**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Other Prerequisites
Phscs 451, 471; or equivalents.

| Title | Tags |
| --- | --- |
| Light-matter Interactions | 205272, 3 |

Learning Outcome
Describe interactions of light and matter within a semi-classical two-level-atom framework.

| Title | Tags |
| --- | --- |
| Laser Design | 205316, 1 |

Learning Outcome
Design stable laser resonators, frequency-locking feedback systems, and pulsed-output mode-locking systems.

| Title | Tags |
| --- | --- |
| Atomic Properties | 205340, 4 |

Learning Outcome
Compute cross sections and selection rules for transitions in hydrogen.

| Title | Tags |
| --- | --- |
| Physics of Lasers | 205359, 2 |

Learning Outcome
Compute cavity threshold gain, optimal output coupling, and gain saturation.

| Title | Tags |
| --- | --- |
| Measuring Laser Characteristics | 205371, 1 |

Learning Outcome
Measure durations of femtosecond pulses and the line width and center frequency of frequency-stabilized sources.

No Requirements

| Title | Tags |
| --- | --- |
| Problem Formulation | 214288, 0, 1, 2023-08-29 11:53:22 |

Learning Outcome
Precisely formulate, and understand the distinction between, mathematical learning and control problems.

| Title | Tags |
| --- | --- |
| Solution Techniques | 214289, 0, 2, 2023-08-29 11:53:24 |

Learning Outcome
Be familiar with common methods for solving learning problems. Note the role of optimization as a method for separating solution design from specific computational methods, and understand the role of key ideas like gradient descent and convexity.

| Title | Tags |
| --- | --- |
| System Identification | 214290, 0, 3, 2023-08-29 11:53:26 |

Learning Outcome
Apply learning techniques to model classes of controlled dynamical systems. Understand notions of data informativity, model identifiability, and the spectrum of model classes linking phenomenological (black box) and mechanistic (white box) models.

| Title | Tags |
| --- | --- |
| Limitations | 214291, 0, 4, 2023-08-29 11:53:27 |

Learning Outcome
Understand how uncertainty is modeled and its role in learning and control problems. Be familiar with ways in which machine learning fails.

| Title | Tags |
| --- | --- |
| Model Approximation | 214292, 0, 5, 2023-08-29 11:53:29 |

Learning Outcome
Understand the ideas of coarse-graining, universality classes, the renormalization group, and other methods for approaching model approximation. Understand information

geometry and be able to apply the model boundary approximation method for a class of models.

| Title | Tags |
| --- | --- |
| Application | 214293, 0, 6, 2023-08-29 11:53:31 |

**Learning Outcome**
Be familiar with a rich collection of model classes used in a wide variety of disciplines. Explore one area deeply in the construction of a specific, predictive model as part of a semester-long project.

## PHSCS 581 - Solid-State Physics

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
581

**Teaching Area**
PHSCS

**Course Title**
Solid-State Physics

**Course Description**
Introduction to the physics of solids. Crystal structure and symmetry, X-ray diffraction, lattice vibrations, metals and semiconductors, superconductivity, thermal properties, magnetic properties, and dielectric and optical properties.

**Department**
Physics & Astronomy

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Phscs 222 or equivalent

| Title |
| --- |

## PHSCS 583 - Physics of Nanostructures, Surfaces, and Interfaces

### Course Information

**Teaching Area (new)**
PHSCS

**Course Number**
583

**Teaching Area**
PHSCS

**Course Title**
Physics of Nanostructures, Surfaces, and Interfaces

**Course Description**
Properties of nanostructures, surfaces, and interfaces; experimental methods. Applications to emerging problems and opportunities in science and technology. Emphasis on concepts.

**Department**
Physics & Astronomy

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Phscs 222 or equivalent

**Recommended**
Phscs 281 or 581 or equivalent; Phscs 451 or Chem 462 or equivalent

| Title | Tags |
| --- | --- |
| Basic Concepts in Condensed Matter Physics | 205260, 1 |

**Learning Outcome**
Explain the following basic concepts underlying the topics in solid state physics: (1) crystal symmetry, (2) reciprocal lattice and the first Brillouin zone in k-space, and (3) the quantum behavior of electrons, Pauli's exclusion principle, and the Fermi-Dirac distribution function.

| Title | Tags |
| --- | --- |
| Physical Properties of Solids | 205298, 1 |

**Learning Outcome**
Use these basic concepts to explain crystal structure, x-ray diffraction, lattice vibrations, behavior of electrons in metals and semiconductors, and thermal, magnetic, dielectric and optical properties of materials.

| Title | Tags |
| --- | --- |
| Solve Problems | 205375, 2 |

**Learning Outcome**
Show their understanding of these topics and their underlying concepts by solving problems using a variety of mathematical tools.

equivalent.

| Title | Tags |
| --- | --- |
| Demonstrate knowledge | 205456, 2 |

**Learning Outcome**
Students will demonstrate knowledge in nano and surface physics.

| Title | Tags |
| --- | --- |
| Deepen understanding | 205457, 1 |

**Learning Outcome**
Students will deepen their understanding of nano and surface physics.

| Title | Tags |
| --- | --- |
| Improve ability to solve problems | 205458, 3 |

**Learning Outcome**
Students will improve their ability to solve problems using nano and surface physics.

## PHSCS 585 - Thin-Film Physics

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
585
**Teaching Area**
PHSCS
**Course Title**
Thin-Film Physics
**Course Description**
Preparation, characterization, use, and special properties of modern thin films; interdisciplinary treatment. Of interest to students in applied physics and engineering.
**Department**
Physics & Astronomy
**When Taught**
Fall Odd Years

### Credit Hours

## PHSCS 586 - Transmission Electron Microscopy for Physical Science and Engineering

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
586
**Teaching Area**
PHSCS
**Course Title**
Transmission Electron Microscopy for Physical Science and Engineering
**Course Description**
Practical and theoretical aspects of sample preparation, basic and advanced imaging, electron diffraction, and other analytical materials characterization techniques on the transmission electron microscope (TEM).
**Department**
Physics & Astronomy
**When Taught**

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Phscs 222 or equivalent

| Title | Tags |
| --- | --- |
| Thin Film Basics | 205255, 1 |

Learning Outcome
Solve problems and answer conceptual questions, utilizing the graphs, figures and photographs of thin film material science, about structural and chemical aspects of thin films in relation to their environment.

| Title | Tags |
| --- | --- |
| Solve Problems | 205331, 1 |

Learning Outcome
Solve problems and answer conceptual questions involving deposition and characterization of films, and explain which ones that best match resources and requirements.

Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

| Title | Tags |
| --- | --- |
| Images | 205247, 1 |

Learning Outcome
Use the TEM to acquire different types of images and diffraction patterns of various materials.

| Title | Tags |
| --- | --- |
| How the TEM works | 205333, 2 |

Learning Outcome
Demonstrate a working knowledge of the physical components of the TEM and peripheral equipment.

| Title | Tags |
| --- | --- |
| Alignment | 205388, 1 |

Learning Outcome
Perform basic, necessary alignments of the transmission electron microscope (TEM).

| Title | Tags |
| --- | --- |
| TEM Research | 205423, 3 |

Learning Outcome
Show understanding of the theory and practice of electron imaging, electron diffraction and X-ray energy dispersive spectrometry, as how they apply to the characterization of materials.

## PHSCS 587 - Physics of Semiconductor Devices

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
587
**Teaching Area**
PHSCS
**Course Title**
Physics of Semiconductor Devices
**Course Description**
Device physics, with an in-depth study of the MOS transistor and other nanoscale computing devices.
**Department**
Physics & Astronomy
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 281 - Principles of Solid State Physics

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 581 - Solid-State Physics

Prerequisites

**Complete ALL of the following Courses:**
- EC EN 450 - Introduction to Semiconductor Devices

## PHSCS 588 - Scanning Electron Microscopy (SEM) for Physical Science and Engineering

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
588
**Teaching Area**
PHSCS
**Course Title**
Scanning Electron Microscopy (SEM) for Physical Science and Engineering
**Course Description**
Theoretical aspects of sample preparation, basic and advanced imaging, X-ray energy dispersive spectrometry, and other analytical materials characterization techniques on the scanning electron microscope (SEM).
**Department**
Physics & Astronomy
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Fundamental Mechanisms | 205284, 1 |

**Learning Outcome**
Identify the fundamental mechanisms and models of these mechanisms controlling the operation of semiconductor devices.

| Title | Tags |
| --- | --- |
| Learn the Literature | 205318, 2 |

**Learning Outcome**
Find, read, and utilize contemporary semiconductor device physics literature to write reviews of this literature.

| Title | Tags |
| --- | --- |
| Analyze Devices | 205397, 1 |

**Learning Outcome**
Apply the fundamental mechanisms and models to the analysis of devices such as silicon mosfets, silicon on insulator transistors, carbon nanotube transistors, and graphene transistors.

## PHSCS 599R - Academic Internship

### Course Information

**Teaching Area (new)**
PHSCS
**Course Number**
599R
**Teaching Area**
PHSCS
**Course Title**
Academic Internship
**Course Description**
Cooperative education internships off campus.
**Department**
Physics & Astronomy
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

## PHSCS530 - Computational Physics

### Course Information

**Course Number**
530
**Teaching Area**
PHSCS
**Course Title**
Computational Physics
**Course Description**
Practical and theoretical aspects of computational physics. Theoretical foundations of computation. Numerical recipes for scientific computing. Best practices for scientific computing.
**Department**
Physics & Astronomy
**When Taught**
Winter

### Credit Hours

**Fixed**
3

**Other Prerequisites**
Department internship coordinator's consent
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Report | 205373, 0 |

**Learning Outcome**
Student will report, both verbally and in writing, what he or she learned from the internship experience.

## Lecture Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

Prerequisites

**Complete ALL of the following Courses:**
- PHSCS 330 - Computational Physics Lab 2

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Theoretical Foundations of Computation | 214294, 0, 1, 2023-08-29 11:54:33 |

**Learning Outcome**
Understand the relationship of computational physics to the broader discipline of computer science, models of computation, and measures of computational complexity. Apply concepts of numerical stability, precision, and convergence to analyze algorithms.

| Title | Tags |
| --- | --- |
| Numerical Recipes of scientific computing | 214295, 0, 2, 2023-08-29 11:54:35 |

**Learning Outcome**
Be familiar with modern algorithms used in numerical linear algebra, integration and differentiation, Monte Carlo sampling, optimization, approximating solutions to differentiation equations, and Fourier analysis. Know the advantages and limitations of algorithms and how to determine whether an algorithm is appropriate for a particular task. Understand and remediate the complications that arise from finite precision arithmetic.

| Title | Tags |
| --- | --- |
| Best practices for scientific computing | 214296, 0, 3, 2023-08-29 11:54:37 |

**Learning Outcome**
Be familiar with best practices in code organization, documentation, and version control, particularly for

collaborative projects and reproducible science.

## PHY S 100 - Physical Science

### Course Information

**Teaching Area (new)**
PHY S

**Course Number**
100

**Teaching Area**
PHY S

**Course Title**
Physical Science

**Course Description**
Conceptual lectures and demonstrations of the most significant and universal laws and models describing the physical world by faculty from the Physics and Astronomy, Chemistry and Biochemistry, and Geology departments.

**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Note**
Satisfies GE Physical Science requirement. Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Help is available for multicultural students. See instructor. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Further Scientific Questions

**Tags**
205310, 3

**Learning Outcome**
Students will be able to explain how these principles and models in turn lead to further scientific questions.

**Title**
Express Scientific Ideas

**Tags**
205421, 1

**Learning Outcome**
Students will be able to express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including

## PHY S 276 - Exploration of Teaching

### Course Information

**Teaching Area (new)**
PHY S

**Course Number**
276

**Teaching Area**
PHY S

**Course Title**
Exploration of Teaching

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
FBI fingerprint and background clearance

**Title**
Complete 40 hours of classroom observation

**Tags**
205906, 2

**Learning Outcome**
Engage in the exploration of teachers and students in the public school to come to a conclusion if teaching physical science is a career path you want to pursue.

**Title**
Guiding Principles

**Tags**
205937, 1

**Learning Outcome**
Students will become familiar

appropriate use of basic scientific vocabulary and effective interpretation of quantitative data.

| Title | Tags |
| --- | --- |
| Observe and Apply Physical Principles | 206525, 0 |

**Learning Outcome**
Students will be able to observe physical phenomena and recognize and apply the fundamental principles of science to these simple physical situations.They will also be able to extend these principles and models to situations they have not observed and make predictions about the outcomes.

| Title | Tags |
| --- | --- |
| Public Policy | 206540, 3 |

**Learning Outcome**
Students will be able to evaluate scientific data and claims in order to make rational decisions on public policy issues related to science that affect them and their communities.

| Title | Tags |
| --- | --- |
| Science and Religion | 206542, 2 |

**Learning Outcome**
Students will be able to rationally reflect and discuss about the interface between science and religion.

with the four moral dimensions of education as outlined by the McKay School of Education

| Title | Tags |
| --- | --- |
| Complete all transition points in transition points. | 205938, 3 |

**Learning Outcome**
Complete transitions forms in McKay School date collection program.

Transition 1 (276 Course)
Transition 2 (377-378 Course)
Transition 3 (476-496 Student Teaching and Internship)

## PHY S 377 - Teaching Methods and Instruction

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHY S | 377 |

**Teaching Area**
PHY S
**Course Title**
Teaching Methods and Instruction
**Course Description**
Developing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.
**When Taught**
Fall and Winter

## PHY S 378 - Practicum in Secondary Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PHY S | 378 |

**Teaching Area**
PHY S
**Course Title**
Practicum in Secondary Education
**Course Description**
Implementing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PHY S 276 - Exploration of Teaching

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Develop a Unit Plan of Secondary Science Instruction | 205907, 1 |

**Learning Outcome**
Using Science Standards as a quide develop Assessments, Lesson Plans, Outlines, and all parts of a unit of science instruction.

| Title | Tags |
| --- | --- |
| Introduction to different teaching styles | 205908, 2 |

**Learning Outcome**
Inquiry, Constructivism, Lab, Activities, Projects and other methods to engage students in learning. These teaching methods will be modeled and practiced by the students.

| Title | Tags |
| --- | --- |
| Transition 2 completed | 205909, 3 |

**Learning Outcome**
Students will complete

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Concurrent enrollment in Phy S 377

| Title | Tags |
| --- | --- |
| Teach unit prepared in PHY S 377 | 205910, 1 |

**Learning Outcome**
30 practicum hours where you teach a unit of instruction with guidance public school mentor.

Transition 2 level toward
teaching license.

## PHY S 476 - Secondary Student Teaching

### Course Information

**Teaching Area (new)**
PHY S
**Course Number**
476
**Teaching Area**
PHY S
**Course Title**
Secondary Student Teaching
**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

| Title | Tags |
|---|---|
| Student Teaching Transition 3 | 205940, 1 |

**Learning Outcome**
Have (TWS) teacher work sample complete and handed in two weeks before reading days of sememster.
Sign all mylink forms for teacher licensure completed. Mentor teacher UPTOP and University UPTOP evauations.

## PHY S 496 - Academic Internship: Secondary Education

### Course Information

**Teaching Area (new)**
PHY S
**Course Number**
496
**Teaching Area**
PHY S
**Course Title**
Academic Internship: Secondary Education
**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.
**When Taught**
Fall

### Credit Hours

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, a least a C grade in all major and minor courses; FBI fingerprint background clearance.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Internship Transition 3 | 205941, 1 |

**Learning Outcome**
Have (TWS) teacher work sample complete and handed in two weeks before reading days of sememster.
Sign all mylink forms for teacher licensure completed. Mentor teacher UPTOP and University UPTOP evauations.

## PLANG 270 - Introduction to the Language Industry

### Course Information

**Teaching Area (new)**
PLANG
**Course Number**
270
**Teaching Area**
PLANG
**Course Title**
Introduction to the Language Industry
**Course Description**
Introduction to the Language Industry, including translation, localization, interpretation, multilingual desktop publishing, and other

## PLANG 380 - Computer-Assisted Translation

### Course Information

**Teaching Area (new)**
PLANG
**Course Number**
380
**Teaching Area**
PLANG
**Course Title**
Computer-Assisted Translation
**Course Description**
Exploration of computer-assisted translation technology and how it is used to solve problems concerning translation quality, speed, and

localization, interpretation, multilingual desktop publishing, and other related language services.\n

**Department**
Language Studies

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Advanced proficiency in a foreign language

used to solve problems concerning translation quality, speed, and freedom of content.

**Department**
Language Studies

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Translation & Localization Minors and Spanish Translation Majors only. Complete 1 of the following: PLANG 414, SPAN 360, SPAN 370, CHIN 327 or FREN 414.

**Recommended**
DIGHT 270; PLANG 270

**Title**
Analysis & Application of Translation Tools

**Tags**
209947, 0, 1

**Learning Outcome**
Analyze the benefits/challenges of different translation solutions and manage projects using those tools.

**Title**
Future of Translation Technology

**Tags**
209948, 0, 2

**Learning Outcome**
Discuss the possible future of translation technology, including future applications of existing technology and future development of new technologies, drawing on class assignments and a personal project.

**Title**
Bi-text Corpora

**Tags**
209949, 0, 3

**Learning Outcome**
Create a bi-text corpus and derive translation memory and

derive translation memory and terminology from that bi-text corpus.

| Title | Tags |
| --- | --- |
| Translation Project | 209950, 0, 4 |

**Learning Outcome**
Use machine translation, translation memory, and terminology in conjunction with a translation environment tool to complete a translation project according to the the project's specifications (text type, audience, and purpose).

## PLANG 399R - Translation & Localization Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PLANG | 399R |

**Teaching Area**
PLANG
**Course Title**
Translation & Localization Internship
**Course Description**
Off-campus internship experience in the field of Translation & Localization.
**Department**
Language Studies
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

| Other Prerequisites | Recommended |
| --- | --- |
| For students in the Translation & Localization Minor and the Spanish Translation Major<br>Approval from course instructor required. | PLANG 270, PLANG 380, PLANG 460, PLANG 470 |

**Note**
An APPROVED Internship Application is required before adding. Students should meet with advisor in Liberal Arts Advisement & Careers to discuss internship options before registering for course. https://sa.byu.edu/psp/ps/EMPLOYEE/HRMS/c/Y_INTERNSHIP_STUDENT.Y_INT_WELCOME.GBL?nb

| Title | Tags |
| --- | --- |
| Understanding of key competencies in professional contexts | 209954, 0, 1 |

## PLANG 414 - Introduction to Translation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PLANG | 414 |

**Teaching Area**
PLANG
**Course Title**
Introduction to Translation
**Course Description**
Readings, individual research projects, and group translation activities. Introduction to the translation profession. Development of the ability to read texts critically and translate general texts in a variety of professional domains.
**Department**
Language Studies
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Other Prerequisites | Recommended |
| --- | --- |
| Advanced proficiency in a foreign language | DIGHT 270; PLANG 270 |

Learning Outcome
Students will be able to identify, through evidence-based narrative, professional competencies in the translation and localization context.

Title
Demonstrating the added value of professional development experience

Tags
209955, 0, 2

Learning Outcome
Students will be able to translate the value of their professional development experience through an evidence-based story of what they offer future employers.

Title
Connecting Learning to Life: Industry Knowledge

Tags
211198, 0, 3

Learning Outcome
Demonstrate an undertanding of the translation industry, including questions of localization and domain.

Title
Critical Thinking and Expression : Method of Translation

Tags
211196, 0, 1

Learning Outcome
Explain and apply genre-specific methods (e.g. discourse analysis, functional adequacy) for resolving common translation problems (e.g., challenges of figurative language, rhetorical patterns).

Title
Critical Thinking and Expression: Evaluation

Tags
211197, 0, 2

Learning Outcome
Demonstrate the ability to evaluate translation quality according to criteria such as conformity to specifications (e.g. audience, translator's purpose).

## PLANG 460 - Software Localization

### Course Information

Teaching Area (new)
PLANG

Course Number
460

Teaching Area
PLANG

Course Title
Software Localization

Course Description
Exploration of the technology and challenges behind creating multilingual software, including multilingual input and Unicode, dictionaries, managing string resources, and localization testing.

Department
Language Studies

When Taught
Fall

### Credit Hours

Min
3

Fixed

## PLANG 470 - Web Localization

### Course Information

Teaching Area (new)
PLANG

Course Number
470

Teaching Area
PLANG

Course Title
Web Localization

Course Description
Exploration of the technology and challenges behind creating and managing multilingual web content, including multilingual input and Unicode, and localization testing.

Department
Language Studies

When Taught
Winter

### Credit Hours

Min
3

Fixed

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PLANG 380 - Computer-Assisted Translation

Additional Comments:

Other Prerequisites
For students in the Translation & Localization Minor

Recommended
DIGHT 270; PLANG 270

Title
Triage & Troubleshoot

Tags
209951, 0, 1

Learning Outcome
Triage and troubleshoot platform-specific challenges.

Title
String Resources Management

Tags
209952, 0, 2

Learning Outcome
Manage string resources for software projects efficiently, including version control, string externalization, locale-specific string management, and bilingual/monolingual string resource files.

Title
Human-centered Approach

Tags
209953, 0, 3

Learning Outcome
Apply a human-centered approach to identifying localized software requirements.

Fixed
3

Lecture Hours

Fixed
3

Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PLANG 380 - Computer-Assisted Translation

Additional Comments:

Other Prerequisites
For students in the Translation & Localization Minor.

Recommended
DIGHT 270; PLANG 270

Title
Web-based Content Management Systems

Tags
211709, 0, 1

Learning Outcome
Apply Web-based content management systems to manage and publish multilingual content.

Title
Web Technologies

Tags
211710, 0, 2

Learning Outcome
Apply basic Web technologies and describe the architecture of the Web.

Title
String Resource Management

Tags
211712, 0, 4

Learning Outcome
Be able to manage string resources for Web apps efficiently, including version control, string externalization, locale-specific string management, and bilingual/monolingual string resource files.

| Title | Tags |
| --- | --- |
| Application Program Interfaces | 211711, 0, 3 |

**Learning Outcome**
Utilize APIs to integrate and automate parts of the Web localization process between multiple technologies and platforms.

## PLANG 480 - Advanced Computer-Assisted Translation

### Course Information

**Teaching Area (new)**
PLANG
**Course Number**
480
**Teaching Area**
PLANG
**Course Title**
Advanced Computer-Assisted Translation
**Course Description**
Advanced exploration of how computer-assisted translation technology is used to solve problems concerning translation quality, speed, and freedom of content.
**Department**
Language Studies
**When Taught**
Fall Even Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PLANG 380 - Computer-Assisted Translation

## PLANG 505 - Professional Language Program Seminar

### Course Information

**Teaching Area (new)**
PLANG
**Course Number**
505
**Teaching Area**
PLANG
**Course Title**
Professional Language Program Seminar
**Course Description**
Introductory seminar for newly admitted Professional Language MA students.
**Department**
Language Studies
**When Taught**
Fall

### Credit Hours

**Min**
0.5
**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into the Professional Language MA program.

**Additional Comments:**

| Other Prerequisites | Recommended |
| --- | --- |
| For students in the Translation & Localization Minor | PLANG 470; PLANG 460; DIGHT 270; PLANG 270; PLANG 460 ; PLANG 470 |

| Title | Tags |
| --- | --- |
| Bilingual Corpus | 211705, 0, 1 |

**Learning Outcome**
Utilize a bilingual corpus to train a custom machine translation engine.

| Title | Tags |
| --- | --- |
| XML Files Format Standards | 211706, 0, 2 |

**Learning Outcome**
Gain an in-depth understanding of XML-based industry file-format standards.

| Title | Tags |
| --- | --- |
| Translation Memory & Terminology Skills | 211707, 0, 3 |

**Learning Outcome**
Refine translation memory and terminology management skills within industry tools.

| Title | Tags |
| --- | --- |
| Regular Expressions | 211708, 0, 4 |

**Learning Outcome**
Demonstrate proficiency with Regular Expressions.

## PLANG 511 - Advanced Professional Language: Speaking

### Course Information

**Teaching Area (new)**
PLANG

**Course Number**
511

**Teaching Area**
PLANG

**Course Title**
Advanced Professional Language: Speaking

**Course Description**
Advanced-level speaking and conversational development in the target language.

**Department**
Language Studies

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into the Professional Language MA.

## PLANG 520 - Advanced Professional Language: Reading & Writing

### Course Information

**Teaching Area (new)**
PLANG

**Course Number**
520

**Teaching Area**
PLANG

**Course Title**
Advanced Professional Language: Reading & Writing

**Course Description**
Advanced-level reading and writing development in the target language.

**Department**
Language Studies

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into the Professional Language MA.

## PLANG 530 - Receptive Language Skills: Domain Specialization

### Course Information

**Teaching Area (new)**
PLANG

**Course Number**
530

**Teaching Area**
PLANG

**Course Title**
Receptive Language Skills: Domain Specialization

**Course Description**
Domain-specific reading and listening development in the target language.

**Department**
Language Studies

**When Taught**
Fall

## PLANG 540 - Professional Language: Project Management

### Course Information

**Teaching Area (new)**
PLANG

**Course Number**
540

**Teaching Area**
PLANG

**Course Title**
Professional Language: Project Management

**Course Description**
Project management using appropriate planning procedures and technology for specified professional domain and target language.\n

**Department**
Language Studies

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance to the Professional Language MA.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PLANG 380 - Computer-Assisted Translation

**Additional Comments:**

**Other Prerequisites**
Acceptance to the Professional Language MA OR instructor approval for students in the Translation and Localization minor

| Title | Tags |
| --- | --- |
| Project Management Application | 211701, 0, 1, 2022-01-24 14:34:38 |

**Learning Outcome**
Will demonstrate the ability to manage project schedules, costs, quality, and risks.

| Title | Tags |
| --- | --- |
| Project Management Planning | 211702, 0, 2, 2022-01-24 14:34:38 |

**Learning Outcome**
Will be able to construct language project-management plans appropriate for one's domain.

| Title | Tags |
| --- | --- |
| Proficiency in Project Management Software | 211703, 0, 3, 2022-01-24 14:34:38 |

**Learning Outcome**
Will be able to use project management software (MS Project, Asana, Workfront, Smartsheet, etc.).

## PLANG 551 - Superior Professional Language: Speaking

### Course Information

**Teaching Area (new)**
PLANG

**Course Number**
551

**Teaching Area**
PLANG

**Course Title**
Superior Professional Language: Speaking

**Course Description**
Advanced-level speaking and conversational development in the target language.

**Department**
Language Studies

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PLANG 511 - Advanced Professional Language: Speaking

**Additional Comments:**

**Other Prerequisites**
Acceptance into the Professional Language MA.

## PLANG 580 - Productive Language Skills: Domain Specialization

### Course Information

**Teaching Area (new)**
PLANG

**Course Number**
580

**Teaching Area**
PLANG

**Course Title**
Productive Language Skills: Domain Specialization

**Course Description**
Domain-specific speaking & writing development in the target language.

**Department**
Language Studies

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PLANG 530 - Receptive Language Skills: Domain Specialization

**Additional Comments:**

**Other Prerequisites**
Acceptance to the Professional Language MA.

## POLI 110 - American Government and Politics

## POLI 150 - Comparative Government and Politics

Politics

## Course Information

**Teaching Area (new)**
POLI

**Course Number**
110

**Teaching Area**
POLI

**Course Title**
American Government and Politics

**Course Description**
Origin and development of federal Constitution; national, state, and local governments and politics.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Analyze and Contextualize Current Events

**Tags**
184538, 0

**Learning Outcome**
Analyze current events in American politics using Political Science concepts.

**Title**
Describe Constitutional Provisions

**Tags**
184539, 1

**Learning Outcome**
Describe the most important constitutional provisions in American national government and how they have changed over time.

Politics

## Course Information

**Teaching Area (new)**
POLI

**Course Number**
150

**Teaching Area**
POLI

**Course Title**
Comparative Government and Politics

**Course Description**
Patterns of European, Asian, Latin American, and other political systems.

**Department**
Political Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Critical Thinking and Analysis

**Tags**
184191, 3

**Learning Outcome**
Think critically, analytically, and synthetically.

**Title**
Participation in Political Processes

**Tags**
184192, 4

**Learning Outcome**
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

**Title**
Familiarity with Political Science Subfields

**Tags**
184543, 1

**Learning Outcome**
Demonstrate a familiarity with

each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Explain Individuals' Roles in American Government | 184540, 2 |

**Learning Outcome**

Explain the role individuals play in American government and what factors influence their behavior.

| Title | Tags |
| --- | --- |
| Assess American Political Institutions | 184541, 3 |

**Learning Outcome**

Assess the functions and interactions of American political institutions.

| Title | Tags |
| --- | --- |
| Learn to Participate Effectively in Political Process | 184542, 4 |

**Learning Outcome**

Evaluate how you as an individual can effectively participate in the political process.

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 183708, 1 |

**Learning Outcome**

Reflect on the way that religion affects politics in their own lives and in the lives of others

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184095, 3 |

**Learning Outcome**

Begin to develop skills of effective research, analysis and writing in social science

| Title | Tags |
| --- | --- |
| Integrity in Daily and Civic Activities | 184118, 5 |

**Learning Outcome**

Bring honesty and integrity to daily life, public affairs and professional activities and in their academic work

| Title | Tags |
| --- | --- |
| Comparative Politics Familiarity | 184544, 1 |

**Learning Outcome**

Demonstrate a familiarity with the subfield of comparative politics

| Title | Tags |
| --- | --- |
| Knowledge of Countries | 184545, 2 |

**Learning Outcome**

Possess a factual and conceptual knowledge of countries and political processes

## POLI 170 - Introduction to International Politics

### Course Information

## POLI 200 - Political Inquiry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 200 |

**Teaching Area (new)**
POLI
**Course Number**
170
**Teaching Area**
POLI
**Course Title**
Introduction to International Politics
**Course Description**
Basic forces, practices, institutions, and foreign policies of major powers; problem areas in international politics.
**Department**
Political Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Politics, International Relations, and Political Philosophy
**Tags**
183709, 1
**Learning Outcome**
Demonstrate and understanding of basic concepts of International Relations.

**Title**
Be intellectually enlarged
**Tags**
183710, 2
**Learning Outcome**
Demonstrate a familiarty with international politics

**Title**
Politics, International Relations, and Political Philosophy
**Tags**
183711, 3
**Learning Outcome**
Demonstrate understanding of key actors and processes in

**POLI**
**200**
**Teaching Area**
POLI
**Course Title**
Political Inquiry
**Course Description**
Methodology of political science, including theory and techniques of qualitative and quantitative research design.
**Department**
Political Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Note**
Prerequisite to all upper-division courses.

**Title**
Faith and Political Analysis
**Tags**
183712, 1
**Learning Outcome**
Students will understand and be able to discuss the differences between secular and spiritual learning

**Title**
Effective and Professional Writing
**Tags**
183914, 4
**Learning Outcome**
Write and receive feedback on at least fifty pages of writing. Write and receive feedback on at least five different papers.Learn the principles of effective revision and practice those principles on at least one major writing assignment. Learn how to write a research design and practice writing a design. Learn how to write a report of research and practice writing a report.

international politics.

Title
Participation in Political Processes

Tags
183937, 5

Learning Outcome
Be better prepared to participate as a national and global citizen

Title
Politics, International Relations, and Political Philosophy

Tags
184070, 2

Learning Outcome
Demonstrate understanding of causes of war and causes of international cooperation.

Title
Political Process, Theory, and Thought

Tags
184115, 3

Learning Outcome
Demonstrate understanding of different theories of the study of international politics, including Realism and Idealism

Title
Critical Thinking and Analysis

Tags
184126, 4

Learning Outcome
Demonstrate understanding of how different theories lead to different interpretations of key events and processes in international politics

Title
Politics, International Relations, and Political Philosophy

Tags
184193, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184194, 2

Learning Outcome
Possess a factual and theoretical

Title
Effective Research and Analysis

Tags
183968, 5

Learning Outcome
Learn the basic principles of statistical analysis, including statistical significance, fit, and substantive significance.Understand how to interpret statistical analyses, including regressions. Understand limitations on research and be able to write research designs that show an awareness of those limitations. Understand differences in qualitative and quantitative methods, and be able to write research designs that show an awareness of differences in qualitative and quantitative methods. Understand the importance of case selection and principles that should guide case selection in both qualitative and quantitative methods

Title
Effective Citation

Tags
183980, 0

Learning Outcome
Write multiple papers correctly using the Turabian style of citation.

Title
Integrity in Daily and Civic Activities

Tags
184017, 0

Learning Outcome
Learn and understand the consequences of plagiarism and write multiple papers without plagiarizing sources.

Title
Faith and Political Analysis

Tags
184198, 1

Learning Outcome
Be able to articulate principles of faith in political analysis.

Title
Effective Research and Analysis

Tags
184199, 2

Learning Outcome
Use appropriate methods of analysis and research, including

knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184195, 3 |

**Learning Outcome**
Think critically, analytically, and synthetically.

| Title | Tags |
| --- | --- |
| Participation in Political Processes | 184196, 4 |

**Learning Outcome**
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

| Title | Tags |
| --- | --- |
| Community Service | 184197, 5 |

**Learning Outcome**
Want to serve the communities and organizations to which they belong.

qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184200, 3 |

**Learning Outcome**
Write professional grade research papers on political science questions.

## POLI 201 - Western Political Heritage 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 201 |

**Teaching Area**
POLI
**Course Title**
Western Political Heritage 1
**Course Description**
Western civilization from Greek antiquity to Renaissance, primarily from perspective of political philosophy and scriptures; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## POLI 202 - Western Political Heritage 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 202 |

**Teaching Area**
POLI
**Course Title**
Western Political Heritage 2
**Course Description**
Western civilization from Renaissance to present, primarily from perspective of political philosophy; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Sacred Texts and Doctrine | 184183, 1 |

Learning Outcome
Possess a command of sacred texts and doctrines gained by completing the University's religion course requirements.

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 184184, 2 |

Learning Outcome

Be able to articulate principles of faith in political analysis.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184185, 3 |

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184186, 4 |

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective and Professional | |

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Sacred Texts and Doctrine | 184201, 1 |

Learning Outcome
Possess a command of sacred texts and doctrines gained by completing the University's religion course requirements.

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 184202, 2 |

Learning Outcome
Be able to articulate principles of faith in political analysis.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184203, 3 |

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184204, 4 |

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184205, 5 |

Writing
184187, 5

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis
Tags
184188, 6

Learning Outcome
Think critically, analytically, and synthetically.

Title
Participation in Political Processes
Tags
184189, 7

Learning Outcome
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

Title
Community Service
Tags
184190, 8

Learning Outcome
Want to serve the communities and organizations to which they belong.

Title
Faith and Political Analysis
Tags
183713, 1

Learning Outcome
Students will come to understand both the alliance and the tension between Greek political philosophy and the Bible friends. They will be conversant with the questions: should reason rule in politics, or must we rely on an authority beyond reason? Can we be loyal to the kingdom of God and at the same time good citizens of our earthly city?

Title
Politics, International Relations, and Political Philosophy
Tags
184006, 0

Learning Outcome
Students will become familiar with the broad concerns and major authors of classical and medieval political thought.

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective Oral Communication
Tags
184206, 6

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Critical Thinking and Analysis
Tags
184207, 7

Learning Outcome
Think critically, analytically, and synthetically.

Title
Be spiritually strengthened
Tags
183714, 1

Learning Outcome
Possess a command of sacred texts and doctrines

Title
Critical Thinking and Analysis
Tags
183930, 7

Learning Outcome
Students will see the practical consequences of abstract philosophical ideas

Title
Politics, International Relations, and Political Philosophy
Tags
183936, 2

Learning Outcome
Students will recognize and intelligently employ a wide array of sophisticated philosophical and political terms

Title
Critical Thinking and Analysis
Tags
183974, 6

Learning Outcome
Students will become critically aware of how now conventional assumptions derived from modern philosophers limit much current thought and challenge

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 184048, 1 |

Learning Outcome
Students will learn to explore the connections between ultimate political questions (Who should rule? For what purpose? What is the best institutional form of government?) and the deepest moral, philosophical, and religious questions concerning the best way of life and the nature of things.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184069, 4 |

Learning Outcome
Students will begin to learn to think critically about the assumptions underlying the modern world as a whole, to consider our ruling "dogmatic beliefs", to ask what is good and what is not about the social and political world we inhabit and its definition of "success."

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184096, 6 |

Learning Outcome
Students will develop the ability to summarize a complex argument from a literary or philosophical text.

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 184117, 7 |

Learning Outcome
Students will be able to articulate and begin to answer challenging questions addressing the place of faith and intellect in the good life.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184142, 3 |

Learning Outcome
Students will learn to think critically about our Western ideals of democracy and human rights, and about their implications for our understanding of higher revealed truth.

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 183979, 8 |

Learning Outcome
Students will think more deeply, coherently and originally about their own moral and political commitments

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184047, 1 |

Learning Outcome
Students will understand both the power and limitations of the intellectual and spiritual traditions that constitute the modern half of our Western heritage.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184066, 4 |

Learning Outcome
Students will recall the basic intellectual/cultural milieu and chronological sequence of each author

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184116, 0 |

Learning Outcome
Students will become familiar with the main themes and major authors of modern political philosophy.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184141, 5 |

Learning Outcome
Students will be able to summarize and independently critique important political-philosophical arguments, and write about them in a clear and convincing fashion

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184154, 3 |

education, particularly in a Latter-day Saint university.

Title
Effective and Professional Writing

Tags
184151, 5

Learning Outcome
Students will show improved ability to think about texts by writing about them.

Learning Outcome
Students will understand the main ideas of each author considered, and be able to compare and contrast the various authors

## POLI 210 - Principles of American Politics

### Course Information

Teaching Area (new)
POLI

Course Number
210

Teaching Area
POLI

Course Title
Principles of American Politics

Course Description
An introduction to the subfield of American politics for advanced students and majors. Basic concepts, theories, and methods of American politics and political science.

Department
Political Science

When Taught
Fall and Winter

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Recommended
Poli 200.

Title
Politics, International Relations, and Political Philosophy

Tags
183723, 1

Learning Outcome
Understand important

## POLI 249R - Introductory Topics in Politics

### Course Information

Teaching Area (new)
POLI

Course Number
249R

Teaching Area
POLI

Course Title
Introductory Topics in Politics

Course Description
Special topics course; unique topic for each section is chosen by the professor.

Department
Political Science

When Taught
Contact Department

#### Credit Hours

Min
1

Fixed
3

#### Lab Hours

Fixed
0

Title
Topics in Political Science

Tags
184490, 1

Learning Outcome
Students will gain further understanding of topic related to a specific area of political science (topics vary by semester).

theoretical traditions in the study of (American) politics.

| Title | Tags |
| --- | --- |
| Be intellectually enlarged | 183724, 2 |

**Learning Outcome**
Demostrate a familiarity with American politics and political philosophy

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184065, 2 |

**Learning Outcome**
Apply theories of politics to explain current practices in American Politics.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184145, 1 |

**Learning Outcome**
Craft your own effective and insightful argument using clear and engaging prose that is analytically sound.

## POLI 250 - Principles of Comparative Politics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 250 |

**Teaching Area**
POLI
**Course Title**
Principles of Comparative Politics
**Course Description**
An introduction to the subfield of comparative politics for advanced students and majors. Basic concepts, theories, and methods of comparative politics and political science.
**Department**
Political Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

## POLI 270 - Principles of International Relations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 270 |

**Teaching Area**
POLI
**Course Title**
Principles of International Relations
**Course Description**
An introduction to the subfield of international relations for advanced students and majors. Basic concepts, theories, and methods of international relations and political science.
**Department**
Political Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Poli 200.

| Title | Tags |
| --- | --- |
| Be intellectually enlarged | 183748, 1 |

Learning Outcome
Demonstrates a familarity with comparative politics

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184013, 2 |

Learning Outcome
Thus, you will deepen your familiarity with the research traditions and theoretical paradigms of comparative politics and of political science more broadly.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184028, 1 |

Learning Outcome
In this course, you will learn how to critique and construct theories in comparative politics through a number of individual, group, oral and written exercises.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184121, 3 |

Learning Outcome
All of the above items also contribute to the development of this skill.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184124, 0 |

Learning Outcome
In this course, you will learn how to complete a research project

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Poli 200.

| Title | Tags |
| --- | --- |
| Be intellectually enlarged | 183760, 1 |

Learning Outcome
Demonstrates a familiarity with international relations

| Title | Tags |
| --- | --- |
| Political Process, Theory and Thought | 183956, 0 |

Learning Outcome
Possess a knowledge of important concepts and theories in international relations

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184003, 0 |

Learning Outcome
Think critically, analytically, and synthetically in the context of international relations theories

## POLI 278 - Applied Statistics for Public Policy and Law

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
278

**Teaching Area**
POLI

**Course Title**
Applied Statistics for Public Policy and Law

**Course Description**
Reinforces statistical knowledge gained in Poli 200 and prepares knowledgeable consumers of empirical social science research for careers in law and policy analysis.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 200 or equivalent.

| Title | Tags |
|---|---|
| Analyze Policy and Legal Issues | 184509, 1 |

**Learning Outcome**
Analyze policy and legal issues using statistical skills and knowledge

| Title | Tags |
|---|---|
| Read and Interpret Statistical Evidence | 184510, 2 |

**Learning Outcome**
Learn how to read and interpret statistical evidence

## POLI 297R - Internship Program Preparation

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
297R

**Teaching Area**
POLI

**Course Title**
Internship Program Preparation

**Course Description**
Preparatory seminar for students who will be participating in departmental internship programs.

**Department**
Political Science

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Effective Oral Communication | 184219, 1 |

**Learning Outcome**
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
|---|---|
| Participation in Political Processes | 184220, 2 |

**Learning Outcome**
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

| Title | Tags |
|---|---|
| Community Service | 184221, 3 |

**Learning Outcome**
Want to serve the communities and organizations to which they

Title
Role of Statistics in Policy and Law

Tags
184511, 3

Learning Outcome
Explain the role of statistics in policy and legal debates

belong.

## POLI 300 - Statistical Analysis

### Course Information

Teaching Area (new)
POLI

Course Number
300

Teaching Area
POLI

Course Title
Statistical Analysis

Course Description
Quantitative techniques in political research, including probability theory, descriptive statistics, inferential statistics, regression analysis, causal inference, maximum likelihood, and panel data; presenting and summarizing quantitative research to a non-technical audience.

Department
Political Science

When Taught
Fall and Winter

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
1

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- POLI 200 - Political Inquiry

Additional Comments:

## POLI 301 - Data Visualization

### Course Information

Teaching Area (new)
POLI

Course Number
301

Teaching Area
POLI

Course Title
Data Visualization

Course Description
Tools for the first steps in using data to answer political science questions: obtaining, cleaning, transforming, analyzing, and visualizing data. How to look at data and how to display that data to others.

Department
Political Science

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisite
Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- POLI 200 - Political Inquiry

Additional Comments:

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 214297, 0, 1, 2023-08-29 11:55:23 |

**Learning Outcome**
Read and interpret statistical evidence.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 214298, 0, 2, 2023-08-29 11:55:25 |

**Learning Outcome**
Think critically, analytically, and synthetically.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 214299, 0, 3, 2023-08-29 11:55:26 |

**Learning Outcome**
Use appropriate quantitative methods of analysis, including multivariate regression, to answer political questions.

| Title | Tags |
| --- | --- |
| Professional Communication | 214300, 0, 4, 2023-08-29 11:55:28 |

**Learning Outcome**
Explain statistical arguments in writing and in oral presentations that meet professional standards

## POLI 302 - Experimental Research Methods

### Course Information

**Teaching Area (new)**
POLI
**Course Number**
302
**Teaching Area**
POLI
**Course Title**
Experimental Research Methods
**Course Description**
Students will learn how to conduct experiments in the social sciences. All students will conduct an original experiment, learn how to analyze the data, and present their results in a publishable format.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## POLI 303 - Qualitative Methods

### Course Information

**Teaching Area (new)**
POLI
**Course Number**
303
**Teaching Area**
POLI
**Course Title**
Qualitative Methods
**Course Description**
Qualitative methods for gathering data and analyzing theories, including concept formation, textual analysis, interviewing, archival research, case studies, and comparative historical analysis.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Other Prerequisites**
Poli 200 and Poli 328, or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Master the Experimental Method | 184476, 1 |

**Learning Outcome**
Use appropriate methods of sampling, intervention, random assignment, measurement, and statistical analysis in constructing and executing an original experiment in political science.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184477, 2 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 184478, 3 |

**Learning Outcome**
Communicate effectively by presenting ideas in a high-quality oral presentation.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184479, 4 |

**Learning Outcome**
Think critically, analytically, and synthetically.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- POLI 200 - Political Inquiry

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184449, 1 |

**Learning Outcome**
Dramatically enhance your grasp of qualitative methods for doing political science, bringing it close to the level that would be taught in graduate school. In the process, gain a better grasp of the principles of scientific research.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184450, 2 |

**Learning Outcome**
Improve your ability to write effectively for a professional audience, especially in terms of global-level structure.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 184451, 3 |

**Learning Outcome**
Improve your ability to speak in small-group settings and to make formal presentations.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184452, 4 |

**Learning Outcome**
Enhance your ability to critically

analyze theories and methods of analysis in published research and in your own work.

## POLI 304 - Game Theory in Political Science

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
304

**Teaching Area**
POLI

**Course Title**
Game Theory in Political Science

**Course Description**
Introduction to game theory, concentrating on applications in politics.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Effective Research and Analysis | 184468, 1 |

**Learning Outcome**
Be intellectually enlarged.

| Title | Tags |
|---|---|
| Effective and Professional Writing | 184469, 2 |

**Learning Outcome**
Be intellectually enlarged.

| Title | Tags |
|---|---|
| Effective Oral Communication | 184470, 3 |

**Learning Outcome**

## POLI 305 - Survey Research Methods

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
305

**Teaching Area**
POLI

**Course Title**
Survey Research Methods

**Course Description**
Teaches principles of survey research methods from a Total Survey Error perspective. Topics and assignments include sampling, non-response, coverage, measurement, and analysis. Course project will conduct a survey for a client from start to finish.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 328 or concurrent enrollment.

| Title | Tags |
|---|---|
| Total Survey Error | 184463, 1 |

**Learning Outcome**
Comprehend, implement, and effectively evaluate principles of "Total Survey Error" including sampling error, non-response error, coverage error, and measurement error.

| Title | Tags |
|---|---|
| Participate in all phases of survey | 184464, 2 |

Be intellectually enlarged.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184471, 4 |

**Learning Outcome**
Be intellectually enlarged.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184475, 5 |

**Learning Outcome**
By the end of the course, you should be able to:
- Recognize and model strategic situations
- Solve game theoretic problems

**Learning Outcome**
Participate in all phases of design, data collection, and analysis of an actual survey

| Title | Tags |
| --- | --- |
| Adapt Survey Design | 184465, 3 |

**Learning Outcome**
Adapt survey design to the needs of a client while maintaining high quality

| Title | Tags |
| --- | --- |
| Learn to Effectively Analyze | 184466, 4 |

**Learning Outcome**
Learn to effectively analyze and communicate results

| Title | Tags |
| --- | --- |
| Practice High Ethical Standards | 184467, 5 |

**Learning Outcome**
Practice high ethical standards

## POLI 306R - Topics in Political Science Methods

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 306R |

**Teaching Area**
POLI
**Course Title**
Topics in Political Science Methods
**Course Description**
Advanced methods of political science. Topics selected by instructor.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**

## POLI 310 - Research Project in American Politics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 310 |

**Teaching Area**
POLI
**Course Title**
Research Project in American Politics
**Course Description**
Advanced research skills and advanced writing for students in their junior year; focused on US politics.
**Department**
Political Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

0

| Title | Tags |
| --- | --- |
| Political Science Methods | 184491, 1 |

**Learning Outcome**
Students will gain further understanding of a specifc political science research method (topics will vary by semester)

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- POLI 110 - American Government and Politics
  **AND** POLI 200 - Political Inquiry

Prerequisites

**Complete ALL of the following Courses:**
- POLI 200 - Political Inquiry
  **AND** POLI 210 - Principles of American Politics

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.
**Note**
For political science majors only. POLI 328 required or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 214301, 0, 1, 2023-08-29 11:55:38 |

**Learning Outcome**
Possess a factual and theoretical knowledge of US politics in at least one specialized area.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 214302, 0, 2, 2023-08-29 11:55:39 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 214303, 0, 3, 2023-08-29 11:55:40 |

**Learning Outcome**
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 214304, 0, 4, 2023-08-29 11:55:42 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

## POLI 311 - State Government and Politics

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
311

**Teaching Area**
POLI

**Course Title**
State Government and Politics

**Course Description**
Forms of state governments and politics, and relations between state and national governments.

**Department**
Political Science

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
POLI 200

**Recommended**
Poli 110 or Poli 210.

| Title | Tags |
| --- | --- |
| Explain government | 214305, 0, 1, 2023-08-29 11:55:45 |

**Learning Outcome**
Explain how state government and politics operate.

## POLI 312 - American Judicial Politics

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
312

**Teaching Area**
POLI

**Course Title**
American Judicial Politics

**Course Description**
The role of the U.S. judiciary, particularly the U.S. Supreme Court, in American politics, including discussion of the structure, role, influences, and policymaking role.\n\n

**Department**
Political Science

**When Taught**
Winter Odd Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
POLI 210; POLI 110.

| Title | Tags |
| --- | --- |
| Evaluate institutions and representation | 214306, 0, 2, 2023-08-29 11:55:46 |

**Learning Outcome**
Evaluate the effects of institutional differences on how state governments represent their constituents.

| Title | Tags |
| --- | --- |
| Political participation | 214307, 0, 3, 2023-08-29 11:55:48 |

**Learning Outcome**
Apply their understanding of state politics to their role as political participants.

| Title | Tags |
| --- | --- |
| Evaluate federalism | 214308, 0, 4, 2023-08-29 11:55:50 |

**Learning Outcome**
Evaluate the well-being of the US political system and states' role in particular in this system.

| Title | Tags |
| --- | --- |
| Academic skills | 214309, 0, 5, 2023-08-29 11:55:51 |

**Learning Outcome**
Read, write, research, collaborate, and think critically at an advanced undergraduate level.

## POLI 313 - Interest Groups

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 313 |

**Teaching Area**
POLI
**Course Title**
Interest Groups
**Course Description**
Theories on formation and maintenance of interest groups; tactics of groups in legislative, executive, bureaucratic, and court settings; influence of groups on elections and public policy.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**

## POLI 314 - The United States Presidency

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 314 |

**Teaching Area**
POLI
**Course Title**
The United States Presidency
**Course Description**
Presidential power in the United States, focusing on major roles of the American presidency.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 110 or 210; Poli 200.

Title
Politics, International Relations, and Political Philosophy

Tags
183726, 1

Learning Outcome
Students will be introduced to interest groups and their role in American politics.

Title
Effective and Professional Writing

Tags
183941, 2

Learning Outcome
Students will write a professional paper that focuses on a political science question

Title
Critical thinking and Analysis

Tags
184165, 1

Learning Outcome
Students will understand how to evaluate interest groups systematically and rigorously

Title
Politics, International Relations, and Political Philosophy

Tags
184226, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 110 or 210; Poli 200.

Title
Political Process Theory, and Thought

Tags
183944, 0

Learning Outcome
To become familiar with the major research approaches to the study of the American presidency and the intellectual history of the American presidency

Title
Politics, International Relations, and Political Philosophy

Tags
184029, 1

Learning Outcome
To gain a thorough understanding of the role of the American president in the political system

Title
Critical Thinking and Analysis

Tags
184042, 2

Learning Outcome
To focus on one American President using specified research questions.

| Effective and Professional Writing | Tags 184227, 2 |
|---|---|

Learning Outcome
Write professional grade research papers on political science questions.

| Title | Tags |
|---|---|
| Critical Thinking and Analysis | 184228, 3 |

Learning Outcome
Think critically, analytically, and synthetically.

## POLI 315 - Congress and the Legislative Process

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| POLI | 315 |

Teaching Area
POLI
Course Title
Congress and the Legislative Process
Course Description
Election process; structure, organization, and procedures of legislative bodies; relations with pressure groups, the president, and executive branch.
Department
Political Science
When Taught
Contact Department

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Recommended
Poli 110 or 210; Poli 200

| Title | Tags |
|---|---|
| Politics, International Relations, | |

## POLI 316 - American Political Parties

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| POLI | 316 |

Teaching Area
POLI
Course Title
American Political Parties
Course Description
Electoral and policy-making roles of American political parties today and their future in American politics.
Department
Political Science
When Taught
Contact Department

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Recommended
Poli 200.

| Title | Tags |
|---|---|
| Political Process, Theory, and Thought | 183728, 1 |

Learning Outcome

| Title | Tags |
| --- | --- |
| and Political Philosophy | 183727, 1 |

**Learning Outcome**
Students will obtain a general working knowledge of the U.S. Congress, and where possible other legislative bodies

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 183962, 1 |

**Learning Outcome**
Students will apply academic literature on Congress to current Congressional politics

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 183989, 2 |

**Learning Outcome**
Students will be able to discuss the role and effectiveness of Congress in particular and representative democracy in general

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184043, 3 |

**Learning Outcome**
Students will gain new perspectives that will shape their future attempts to critically evaluate Congress and its members

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184229, 1 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184230, 2 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Students should understand and appreciate: the origins of American political parties, the nature of the two party system, particularly in comparison with other party systems, the role of third and minor parties, the organization of political parties, the role of political parties in campaigns and elections, the importance of political parties to the electorate, the role of parties in American governance, and the ongoing reforms of political parties.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184232, 1 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184233, 2 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184234, 3 |

**Learning Outcome**
Think critically, analytically, and synthetically.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184231, 3 |

**Learning Outcome**
Think critically, analytically, and synthetically.

## POLI 317 - Public Opinion and Voting Behavior

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 317 |

**Teaching Area**
POLI
**Course Title**
Public Opinion and Voting Behavior
**Course Description**
Relationship between attitudes, opinion, and voting behavior in American politics and institutions.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
4

### Lecture Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- POLI 200 - Political Inquiry

**Additional Comments:**

**Recommended**
Poli 328

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183729, 1 |

**Learning Outcome**

## POLI 318 - Campaigns and Elections

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 318 |

**Teaching Area**
POLI
**Course Title**
Campaigns and Elections
**Course Description**
Analyzes electoral process in the United States, including history, significance in governance, campaign strategy, finance, media role, etc.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 200.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 183730, 1 |

**Learning Outcome**
Students will understand the role of campaigns and elections today in American politics.

Students will acquire a minimum of two theoretical perspectives to explain why voters choose a particular candidate.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 183924, 1 |

**Learning Outcome**
Students will learn the fundamentals of survey research design and analysis, including an understanding and appreciation for the concept of "Total Survey Error."

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184053, 3 |

**Learning Outcome**
Students will be able to articulate the relationship between public opinion and democracy.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184133, 2 |

**Learning Outcome**
Students will use statistics to make inferences about the relationships between variables that affect voting behavior or public opinion.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184235, 1 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184236, 2 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183951, 1 |

**Learning Outcome**
Students will examine the historical development of campaigns and elections over the past 200 years and the nature of various players in campaigns and elections today including the electorate, candidates, parties, the media, and interest groups

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184086, 3 |

**Learning Outcome**
Students will discuss and evaluate proposed electoral reforms.

| Title | Tags |
| --- | --- |
| Participation in Political Processes | 184159, 4 |

**Learning Outcome**
Students will be expected to spend time observing an electoral campaign, designing a campaign plan for a future campaign, and even working in a local electoral campaign.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184168, 2 |

**Learning Outcome**
Students will assess three levels of elections – presidential, congressional, and state and local.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184238, 1 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184239, 2 |

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184237, 3 |

**Learning Outcome**
Think critically, analytically, and synthetically.

| Title | Tags |
| --- | --- |
| Thought | 184239, 2 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184240, 3 |

**Learning Outcome**
Think critically, analytically, and synthetically.

## POLI 319R - Topics in American Government and Politics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 319R |

**Teaching Area**
POLI
**Course Title**
Topics in American Government and Politics
**Course Description**
Students will master a new topic related to American government and politics, learn to appropriately apply theories and methods learned in previous courses to understanding this new topic, and improve writing and research skills.
**Department**
Political Science
**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| POLI 319R | 184531, 1 |

**Learning Outcome**

## POLI 321 - The Media in American Politics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 321 |

**Teaching Area**
POLI
**Course Title**
The Media in American Politics
**Course Description**
News media's role in processes of American politics, including electoral process, legislative process, and public policy-making.
**Department**
Political Science
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 183731, 1 |

**Learning Outcome**
Understand the legal structure of media regulation of the press.

Learning Outcome
Students will gain a deep understanding of topics in American Government and Politics.

Title
Political Process, Theory and Thought

Tags
183938, 1

Learning Outcome
Know what criteria the press uses for newsworthiness and how others attempt to use that criteria for their political ends

Title
Political Process, Theory, and Thought

Tags
184025, 0

Learning Outcome
Students will analyze media's relationship with political institutions and organizations, policies, and the public.

Title
Political Process, Theory and Thought

Tags
184027, 1

Learning Outcome
Students will analyze the basis for the media's power

Title
Political Process, Theory, and Thought

Tags
184030, 6

Learning Outcome
See how the news media's interact with institutions in order to shape public policy.

Title
Political Process, Theory, and Thought

Tags
184031, 0

Learning Outcome
Understand how the media's role in American politics has evolved over time.

Title
Political Process, Theory, and Thought

Tags
184058, 5

Learning Outcome
Understand media role in shaping individual's political attitudes and behavior.

**Title**
Political Process, Theory, and Thought

**Tags**
184062, 2

**Learning Outcome**
Students will discuss the historical relationship between the press and political institutions and processes, the news gathering process, the role of the news media in electoral campaigns, the legislative process, presidential decision making, and judicial behavior.

**Title**
Political Process, Theory, and Thought

**Tags**
184089, 4

**Learning Outcome**
Know how news media affect electoral campaigns.

**Title**
Political Process, Theory, and Thought

**Tags**
184132, 2

**Learning Outcome**
Appreciate how the media/political system in the United States compares and contrasts with media/political systems in other nations.

**Title**
Critical Thinking and Analysis

**Tags**
184164, 7

**Learning Outcome**
Appreciate the varying sides of current debates over the role of the news media

**Title**
Politics, International Relations, and Political Philosophy

**Tags**
184241, 1

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

**Title**
Political Process, Theory, and Thought

**Tags**
184242, 2

| | |
|---|---|
| Thought | 184242, 2 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
|---|---|
| Critical Thinking and Analysis | 184243, 3 |

**Learning Outcome**
Think critically, analytically, and synthetically.

## POLI 322 - Urban and Local Politics

### Course Information

**Course Number**
322
**Teaching Area**
POLI
**Course Title**
Urban and Local Politics
**Course Description**
Theories and empirical research on politics of cities, counties, and districts. Policy solutions for issues affecting local governments, such as housing, law enforcement, and racial inequality.
**Department**
Political Science
**When Taught**
Contact Department

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

| Title | Tags |
|---|---|
| Apply theories | 214310, 0, 1, 2023-08-29 11:56:05 |

**Learning Outcome**
Summarize and apply key theories concerning the structure and operation of municipal and local politics in the US. Title

| Title | Tags |
|---|---|
| Analyze political literature | 214311, 0, 2, 2023-08-29 11:56:06 |

**Learning Outcome**

## POLI 323 - Race, Ethnicity, and Gender in American Politics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| POLI | 323 |

**Teaching Area**
POLI
**Course Title**
Race, Ethnicity, and Gender in American Politics
**Course Description**
The historical and current role of race, ethnicity, and gender in American politics. The individual-level ways that race, ethnicity, and gender shape attitudes about other citizens and perceptions of political actors and systems. How race, ethnicity, and gender have influenced and continue to influence the structures of American politics and public policy.
**Department**
Political Science
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
Poli 200

Analyze politically oriented literature on municipal and local politics in the US.

**Title**
Evaluate policies

**Tags**
214312, 0, 3, 2023-08-29 11:56:08

**Learning Outcome**
Evaluate policies to address issues and problems affecting municipal and local governments.

**Title**
Examine political role

**Tags**
214313, 0, 4, 2023-08-29 11:56:10

**Learning Outcome**
Examine their own role in municipal and local politics as residents and political participants.

**Title**
Demonstrate improved writing, research, and analytical skills.

**Tags**
214314, 0, 5, 2023-08-29 11:56:11

**Learning Outcome**
Demonstrate skills

## POLI 324 - Political Psychology

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
324

**Teaching Area**
POLI

**Course Title**
Political Psychology

**Course Description**
Survey of classic and contemporary research in political psychology. Special focus on how citizens think and feel about politics and the ways in which those beliefs shape their interactions with the political world.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## POLI 325 - Politics of Wilderness, National Parks, and Public Land Management

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
325

**Teaching Area**
POLI

**Course Title**
Politics of Wilderness, National Parks, and Public Land Management

**Course Description**
An environmental politics course focused on public land management. Policy cases may include mining, dams, endangered species, national parks, national forests, and wilderness. Field trips.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 200.

Recommended
Poli 328

Title
Political Process, Theory, and Thought

Tags
183733, 1

Learning Outcome
Students will become familiar with basic theories and controversies in political psychology by reading a selection of classic and contemporary works in the field.

Title
Political Process, Theory, and Thought

Tags
183734, 2

Learning Outcome
Because reading assignments include journal articles and book chapters with heavy theoretical and empirical emphasis, they will gain a better understanding of how to read contemporary work in political psychology and evaluate the theory, empirical results, and substantive implications of the work.

Title
Political Process, Theory, and Thought

Tags
183735, 3

Learning Outcome
Because the course is structured as a seminar, students will be expected to come to class prepared and participate actively in class discussions. The goals of class discussions include a better understanding of the course reading, critical evaluation of the strengths and weaknesses of each reading, and increased understanding of the implications of the reading for contemporary democracy.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Poli 110, Poli 210, or AHTG 100

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 183947, 5 |

**Learning Outcome**
Students will complete a major paper as part of the course requirements. This paper will include a full experimental research design that addresses a meaningful research question in political psychology.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184008, 4 |

**Learning Outcome**
Students will better understand the strengths and weaknesses of various research methods, including in-depth interviews, surveys, lab and field experiments, and other approaches found in political psychology.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184022, 3 |

**Learning Outcome**
Students will read, evaluate, and discuss a selection of the most important works in political psychology, with a special focus on the psychology of mass political behavior. Because much of this work is quantitative, students will gain experience understanding and critically assessing research design and quantitative results.

| Title | Tags |
| --- | --- |
| Effective Citation | 184061, 8 |

**Learning Outcome**
In completing the course paper, students will cite sources properly.

| Title | Tags |
| --- | --- |
| Participation in Political Processes | 184085, 9 |

**Learning Outcome**
Because a major theme of the course is the political psychology of political participation, students will better understand why individuals do (or do not)

participate in politics. Students will gain a greater appreciation for the role of political participation in contemporary democracy.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184101, 6 |

**Learning Outcome**
Students will critically evaluate, assess, and discuss both empirical results of classic and contemporary work in political psychology and their implications for our understanding of democracy.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184147, 7 |

**Learning Outcome**
Students will practice the skills of attentive reading, thoughtful questioning, meaningful group discussion, and compelling writing.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184244, 1 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184245, 2 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184246, 3 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to

answer political questions.

**Title**
Effective and Professional Writing

**Tags**
184247, 4

**Learning Outcome**
Write professional grade research papers on political science questions.

**Title**
Critical Thinking and Analysis

**Tags**
184248, 5

**Learning Outcome**
Think critically, analytically, and synthetically.

**Title**
Participation in Political Processes

**Tags**
184249, 6

**Learning Outcome**
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

## POLI 330 - Research Project in Public Policy

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
330

**Teaching Area**
POLI

**Course Title**
Research Project in Public Policy

**Course Description**
Advanced research skills and advanced writing for students in their junior year; focused on public policy.

**Department**
Political Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## POLI 331 - Politics and Public Policy

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
331

**Teaching Area**
POLI

**Course Title**
Politics and Public Policy

**Course Description**
Introduction to major public policy issue areas and how political processes are used to address social problems.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- POLI 110 - American Government and Politics
  **AND** POLI 200 - Political Inquiry

Prerequisites

**Complete ALL of the following Courses:**

- POLI 200 - Political Inquiry
  **AND** POLI 210 - Principles of American Politics

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.
**Note**
For political science majors only.

| Title | Tags |
|---|---|
| Political Process, Theory, and Thought | 214315, 0, 1, 2023-08-29 11:56:15 |

**Learning Outcome**
Possess a factual and theoretical knowledge of political processes and public policy analysis in at least one specialized area.

| Title | Tags |
|---|---|
| Effective Research and Analysis | 214316, 0, 2, 2023-08-29 11:56:17 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
|---|---|
| Effective and Professional Writing | 214317, 0, 3, 2023-08-29 11:56:18 |

**Learning Outcome**

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Recommended**
Poli 200.

| Title | Tags |
|---|---|
| Politics, International Relations, and Political Philosophy | 184250, 1 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
|---|---|
| Political Process, Theory, and Thought | 184251, 2 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
|---|---|
| Effective Research and Analysis | 184252, 3 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
|---|---|
| Effective Oral Communication | 184253, 4 |

**Learning Outcome**
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
|---|---|
| Critical Thinking and Analysis | 184254, 5 |

**Learning Outcome**
Think critically, analytically, and synthetically.

Learning Outcome
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 214318, 0, 4, 2023-08-29 11:56:20 |

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184255, 6 |

Learning Outcome
Write professional grade research papers on political science questions.

## POLI 332 - Public Policy Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 332 |

Teaching Area
POLI
Course Title
Public Policy Analysis
Course Description
Analysis of how societies can and should choose between different public policy options to achieve public ends, with a focus on applied cost-benefit analysis.
Department
Political Science
When Taught
Winter Term 2.

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

## POLI 333 - Politics of Bureaucracy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 333 |

Teaching Area
POLI
Course Title
Politics of Bureaucracy
Course Description
Theory and nature of bureaucracy; sources of power; political executives; staffs and agency personnel; conflicts with elected officials; public interest and bureaucratic control.
Department
Political Science
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 200.

| Title | Tags |
| --- | --- |
| Bureaucratic Behavior | 184499, 1 |

Learning Outcome
To learn the foundations of bureaucratic behavior.

- POLI 200 - Political Inquiry

**Additional Comments:**

| Title | Tags |
|---|---|
| Policymaking Process | 184472, 1 |

**Learning Outcome**
Understand the normative foundations for purusing different objectives in the policymaking process.

| Title | Tags |
|---|---|
| Identify Stakeholders | 184473, 2 |

**Learning Outcome**
Be able to identify stakeholders and those affected by public policy proposals.

| Title | Tags |
|---|---|
| Gain experience | 184474, 3 |

**Learning Outcome**
Gaine experience in identifying the costs and benefits associated with alternative policy proposals and the analytical methods used to choose between those proposals.

| Title | Tags |
|---|---|
| Politics and Public Administration | 184500, 2 |

**Learning Outcome**
To understand the linkage between politics and public administration.

| Title | Tags |
|---|---|
| Policy Design | 184501, 3 |

**Learning Outcome**
To develop skills for policy design that integrate bureaucratic norms and behaviors.

## POLI 334 - Public Ethics

### Course Information

**Teaching Area (new)**
POLI
**Course Number**
334
**Teaching Area**
POLI
**Course Title**
Public Ethics
**Course Description**
Sources of values, areas of conflict with government policy, means of value accommodation.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## POLI 336 - Government and Religion

### Course Information

**Teaching Area (new)**
POLI
**Course Number**
336
**Teaching Area**
POLI
**Course Title**
Government and Religion
**Course Description**
Christian-Hebraic concepts of state. American experience with church-state relations (First Amendment problems). Policy issues of concern to contemporary religions.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 200.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183738, 1 |

Learning Outcome
The goal of this class is to help you develop your critical analytical skills in assessing public policy debates and in formulating your own views about what policies governments should undertake.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183739, 2 |

Learning Outcome
The focus here is on how some of the most prominent theories and conceptual frameworks and normative theories from political philosophy can help illuminate the values and assumptions underlying policy choices and serve as criteria for choosing policy options.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184256, 1 |

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184257, 2 |

Learning Outcome
Think critically, analytically, and synthetically.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 200.

| Title | Tags |
| --- | --- |
| Be spiritually strengthened | 183740, 1 |

Learning Outcome
Be able to articulate principles of faith in political analysis

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 184259, 1 |

Learning Outcome
Be able to articulate principles of faith in political analysis.

| Title | Tags |
| --- | --- |
| Community Service | 184258, 3 |

**Learning Outcome**
Want to serve the communities and organizations to which they belong.

## POLI 339R - Topics in Public Policy

### Course Information

**Teaching Area (new)**
POLI
**Course Number**
339R
**Teaching Area**
POLI
**Course Title**
Topics in Public Policy
**Course Description**
Students are expected to develop a knowledge of current issues and policies which affect our society. This course will pay a particular attention to how policies effect diverse and at-risk populations in the United States.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 200 or equivalent.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184260, 1 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184261, 2 |

**Learning Outcome**
Think critically, analytically, and synthetically.

## POLI 340 - Democracy and Autocracy

### Course Information

**Course Number**
340
**Teaching Area**
POLI
**Course Title**
Democracy and Autocracy
**Course Description**
Definition and measurement of democracy; major theories explaining the emergence of democracies and autocracies; exploration of why autocrats use violence or other modes of repression, how they manipulate elections, and why some regimes fail while others survive.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Complete POLI 200

**Complete ALL of the following Courses:**
- POLI 200 - Political Inquiry

**Additional Comments:**

**Fee**

n/a

| Title | Tags |
| --- | --- |
| Master the Literature | 209738, 0, 3 |

**Learning Outcome**
Demonstrate mastery of the literature of a relevant subfield in public policy

| Title | Tags |
| --- | --- |
| Apply Methodologies | 209739, 0, 4 |

**Learning Outcome**
Acquire and apply the appropriate methodologies of public policy

| Title | Tags |
| --- | --- |
| Advanced Writing | 209740, 0, 5 |

**Learning Outcome**
Write advanced papers on public policy

| Title | Tags |
| --- | --- |
| Understand the role of Political Strategy | 209741, 0, 6 |

**Learning Outcome**
Understand how public policy fits into the broader context of political science

| Title | Learning Outcome |
| --- | --- |
| Apply theories | Accurately apply key theories and factors affecting the development and failure of democratic and autocratic regimes throughout the world. |
| Analyze literature | Analyze politically oriented literature on comparative democracy and autocracy. |
| Evaluate democracy promotion | Evaluate efforts by states and NGOs in democracy promotion. |
| Evaluate role as citizens | Examine personal role as democratic citizens. |
| Demonstrate writing, reserach, and analytical skills | Demonstrate improved writing, research, and analytical skills. |

## POLI 341 - European Politics

### Course Information

**Teaching Area (new)**
POLI
**Course Number**
341
**Teaching Area**
POLI
**Course Title**
European Politics
**Course Description**
Politics and policy in Europe. State-building, party systems, nationalism, populism, political economy, demographics, migration and refugees, cooperation among advanced industrial countries in comparative and historical perspective. Various countries are covered, as are the European Union and NATO.
**Department**
Political Science
**When Taught**
Fall

### Credit Hours

## POLI 342 - Gender and Politics

### Course Information

**Teaching Area (new)**
POLI
**Course Number**
342
**Teaching Area**
POLI
**Course Title**
Gender and Politics
**Course Description**
Theories of representation; gender and citizenship; gender and political candidacy; gender and leadership; gendered political issues.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 200.

| Title | Tags |
| --- | --- |
| Be intellectually enlarged | 183742, 1 |

Learning Outcome
Possess a factual and theoretical knowldege of European politics, politcal processes, political theories, and political thought

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183743, 2 |

Learning Outcome
Students will develop a factual and theoretical knowledge of the politics of contemporary Europe by looking at selected countries.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183744, 3 |

Learning Outcome
Student will come away from the semester with a new set of ideas about how capitalist democracies work and where and how they are struggling to adapt to new challenges.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184079, 2 |

Learning Outcome
Students will improve their ability to communicate their knowledge through writing essays and oral presentation

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
Poli 200.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184480, 1 |

Learning Outcome
To understand the role of gender in a variety of aspects of the political process. To understand different perspectives and be conversant with arguments about the gender dimensions of various political issues. To be able to view political issues, political behavior, and even personal behavior from a gender-aware perspective.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing/Effective Oral Communication | 184481, 2 |

Learning Outcome
To encourage students to write more clearly, and present themselves effectively in class discussions and presentations.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184215, 1 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184216, 2 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184217, 3 |

**Learning Outcome**
Think critically, analytically, and synthetically.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 184218, 4 |

**Learning Outcome**
Communicate effectively by presenting ideas in a high quality oral presentation.

## POLI 343 - Designing Democracy: Constitutional Design for Democratic Governance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 343 |

**Teaching Area**
POLI
**Course Title**
Designing Democracy: Constitutional Design for Democratic Governance
**Course Description**
Examining the rich variety of ways in which democracies are designed across the globe. Relying on both theoretical and empirical perspectives, surveying the different rules for governance and representation, and their advantages and disadvantages for various, and often competing, goals, such as accountability, corruption, political violence, and economic development.
**Department**
Political Science

## POLI 344 - Comparative Political Economy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 344 |

**Teaching Area**
POLI
**Course Title**
Comparative Political Economy
**Course Description**
Overview of political economy from a comparative perspective. Classic theorists (Smith, Marx, Schumpeter, etc.); classic questions (industrialization, national economic policy, property, globalization, law, and economics).
**Department**
Political Science
**When Taught**
Contact Department

**Credit Hours**

**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 150, Poli 250.

**Recommended**
Poli 328

| Title | Tags |
|---|---|
| Political Process, Theory, and Thought | 184453, 1 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
|---|---|
| Effective Research and Analysis | 184454, 2 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
|---|---|
| Effective and Professional Writing | 184455, 3 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
|---|---|
| Effective Oral Communication | 184456, 4 |

**Learning Outcome**
Communicate effectively by

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- POLI 150 - Comparative Government and Politics
  **OR** POLI 250 - Principles of Comparative Politics

**Additional Comments:**

**Recommended**
Poli 200.

| Title | Tags |
|---|---|
| Critical Thinking and Analysis | 183950, 3 |

**Learning Outcome**
All of the above items also contribute to the development of this skill.

| Title | Tags |
|---|---|
| Effective and Professional Writing | 183985, 1 |

**Learning Outcome**
Develop writing skills through various activities such as regular, short writing assignments in response to readings or topics we cover in class, as well as undertaking a significant research paper that includes the extension of a theory and some form of empirical testing applied to political economy topics.

| Title | Tags |
|---|---|
| Politics, International Relations, and Political Philosophy | 184078, 2 |

**Learning Outcome**

Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
| --- | --- |
| Collaboration | 184457, 5 |

**Learning Outcome**
Work effectively with other people.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184458, 6 |

**Learning Outcome**
Think critically, analytically, and synthetically.

You will also be exposed to how international forces affect domestic political economy and how normative considerations shape policy outcomes of interest in this class.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184262, 1 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184263, 2 |

**Learning Outcome**
Politics, International Relations, and Political Philosophy

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184264, 3 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184265, 4 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184266, 5 |

**Learning Outcome**
Think critically, analytically, and synthetically.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and | |

| | |
|---|---|
| Thought | 184549, 1 |

**Learning Outcome**
Understand the relationship (factual/theoretical) between political/economic outcomes and political/economic structures/institutions.

## POLI 345 - Comparative Parties and Elections

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| POLI | 345 |

**Teaching Area**
POLI
**Course Title**
Comparative Parties and Elections
**Course Description**
Analyzes the electoral process and political parties in both the United States and other countries. Special attention is given to gender issues, campaigns, financing, corruption, extremist parties, religion, class, issues, fairness, accountability, electoral rules, and democracy.
**Department**
Political Science
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Theoretical Underpinnings | 184496, 1 |

**Learning Outcome**
Understand the theoretical underpinnings of political parties in democracies.

| Title | Tags |
|---|---|

## POLI 346 - Southeast Asian Politics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| POLI | 346 |

**Teaching Area**
POLI
**Course Title**
Southeast Asian Politics
**Course Description**
Southeast Asian political systems, including the social forces and personalities that drive policy decisions and political outcomes, as well as the institutional environment in which they operate. Will study several countries in depth and gain an understanding of the cultures and histories that shape these governmental systems.
**Department**
Political Science
**When Taught**
Winter Odd Years

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
Poli 200; Poli 150 or 250

| Title | Tags |
| --- | --- |
| Practical Manifestations | 184497, 2 |

**Learning Outcome**
Link the theoretical underpinnings of political parties with their practical manifestations in everyday politics.

| Title | Tags |
| --- | --- |
| Clear Communication | 184498, 3 |

**Learning Outcome**
Communicate both the theoretical underpinnings and practical manifestations of these theories to a wide variety of audiences.

## POLI 347 - Russia/Former Soviet Politics

### Course Information

**Teaching Area (new)**
POLI
**Course Number**
347
**Teaching Area**
POLI
**Course Title**
Russia/Former Soviet Politics
**Course Description**
Comparative politics of Russia and Soviet successor states. Development of political systems from common Soviet heritage, emphasizing post-independence politics and institution building.
**Department**
Political Science
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |

## POLI 348 - Government and Politics of Asia

### Course Information

**Teaching Area (new)**
POLI
**Course Number**
348
**Teaching Area**
POLI
**Course Title**
Government and Politics of Asia
**Course Description**
Comparative analysis of political developments of the major countries of Asia not covered in other country-specific classes.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Political Process, Theory and | |

Be intellectually engaged 183745, 1

Learning Outcome
Possess a factual and theoretical knowledge of Russia/Former Soviet Union political processes, political theories, and political thought

Title
Political Process, Theory, and Thought

Tags
183746, 2

Learning Outcome
Demonstrate strong understanding of political and economic changes in former Soviet countries since 1991.
Demonstrate strong understanding of the political institutions and political processes in Russia and other former Soviet countries.
Demonstrate strong understanding of the patterns of interaction between Russia and its neighbors.

Title
Effective and Professional Writing

Tags
183984, 2

Learning Outcome
Demonstrate the ability to write a well-crafted, persuasive research paper.

Title
Effective Research and Analysis

Tags
184026, 1

Learning Outcome
Complete a research paper that uses effective comparison to explain political institutions or processes in former Soviet countries.

Title
Critical Thinking and Analysis

Tags
184082, 3

Learning Outcome
Demonstrate the ability to apply theories of comparative politics to patterns of politics in former Soviet countries.

Title
Integrity in Daily Activities

Tags
184123, 4

Thoughts 183747, 1

Learning Outcome

The course first considers the historical background of government and politics in Asia by looking at pre-colonial systems of government, encounters with the West,Colonialism, and national liberation movements. We then proceed thematically and comparatively by topic: States and Regimes, Political Executives, Governments, Legislatures, Bureaucracies, Political Economy, Parties, Elections, Participation and Power, Ideologies, Identities, Modernization and Democracy, and Globalization and regionalism. Finally, we will cover the "diplomatic history" of a selection of countries.

Title
Political Process, Theory, and Thought

Tags
184271, 1

Learning Outcome

Politics, International Relations, and Political Philosophy

Title
Effective Research and Analysis

Tags
184272, 2

Learning Outcome

Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184273, 3

Learning Outcome

Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184274, 4

Learning Outcome

Learning Outcome
Learn the consequences of plagiarism and how to avoid it.In written assignments, correctly acknowledge the words and/or ideas of other authors.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184267, 1 |

Learning Outcome
Politics, International Relations, and Political Philosophy

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184268, 2 |

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184269, 3 |

Learning Outcome
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184270, 4 |

Learning Outcome
Think critically, analytically, and synthetically.

Learning Outcome
Think critically, analytically, and synthetically.

## POLI 349R - Topics in Politics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 349R |

**Teaching Area**
POLI
**Course Title**
Topics in Politics
**Course Description**
Students will use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions. Students will

## POLI 350 - Research Project in Comparative Politics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 350 |

**Teaching Area**
POLI
**Course Title**
Research Project in Comparative Politics
**Course Description**
Advanced research skills and advanced writing for students in their junior year; focused on comparative politics.

improve on their ability to write effectively for a professional audience.

**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 200 or equivalent.

**Title**
Political Process, Theory and Thoughts

**Tags**
184528, 1

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

**Department**
Political Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- POLI 150 - Comparative Government and Politics
  **AND** POLI 200 - Political Inquiry

Prerequisites

**Complete ALL of the following Courses:**
- POLI 200 - Political Inquiry
  **AND** POLI 250 - Principles of Comparative Politics

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

**Title**
Political Process, Theory, and Thought

**Tags**
214319, 0, 1, 2023-08-29 11:56:46

**Learning Outcome**
Possess a factual and theoretical knowledge of politics in other countries, in at least one specialized area.

**Title**
Effective Research and Analysis

**Tags**
214320, 0, 2, 2023-08-29 11:56:48

**Learning Outcome**

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
214321, 0, 3, 2023-08-29 11:56:49

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Tags
214322, 0, 4, 2023-08-29 11:56:51

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

## POLI 351 - British Government and Politics

### Course Information

Teaching Area (new)
POLI

Course Number
351

Teaching Area
POLI

Course Title
British Government and Politics

Course Description
Examination of the origin and contemporary operation of British political institutions as they relate to British society.

Department
Political Science

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

## POLI 352 - African Politics

### Course Information

Teaching Area (new)
POLI

Course Number
352

Teaching Area
POLI

Course Title
African Politics

Course Description
Processes of change and development of nation states; African regionalism and relations with other nations; contemporary political issues.

Department
Political Science

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 200.

Title
Political Process, Theory, and Thought

Tags
183749, 1

Learning Outcome
Possess a factual and theoretical knowledge of British government and politics

Title
Political Process, Theory, and Thought

Tags
184275, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

### Lab Hours

Fixed
0

Recommended
Poli 200.

Title
Political Process, Theory, and Thought

Tags
183750, 1

Learning Outcome
Possess a factual and theoretical knowledge of the themes, issues, and trends that shape politics in Africa.

Title
Political Process, Theory, and Thought

Tags
184276, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

## POLI 353 - China: Government and Politics

### Course Information

Teaching Area (new)
POLI

Course Number
353

Teaching Area
POLI

Course Title
China: Government and Politics

Course Description
Structure and behavior of politics; contemporary problems.

Department
Political Science

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

## POLI 355 - Canadian Government and Politics

### Course Information

Teaching Area (new)
POLI

Course Number
355

Teaching Area
POLI

Course Title
Canadian Government and Politics

Course Description
Growth and development of Canada and its government; Canada's role in the contemporary world

Department
Political Science

When Taught
Contact Department

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

**Fixed**
0

**Title**
Political Process, Theory, and Thought

**Tags**
183751, 1

**Learning Outcome**
Possess a factual and analytical knowledge of China, its political processes, political theories, and society

**Title**
Political Process, Theory, and Thought

**Tags**
183752, 2

**Learning Outcome**
We will develop and understanding of three general areas: the Communists' rise to power, the party/state structure and policy process, and state-society relations.

**Title**
Political Process, Theory, and Thought

**Tags**
184277, 1

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 200.

**Title**
Be intellectually enlarged

**Tags**
183754, 1

**Learning Outcome**
Possess a factual and theoretical knowledge of Canadian Government political processes, political theories, and political thought

**Title**
Political Process, Theory, and Thought

**Tags**
183755, 2

**Learning Outcome**
Possess a factual and theoretical knowledge of Canadian Government and politics. Special emphasis will be placed on the Canadian political heritage, federal-provincial relations, the formulation and implementation of Canadian policy, the individuals, groups, and institutions involved in this process, and Canada's role in the contemporary world, including its relationship with the United States

**Title**
Political Process, Theory, and Thought

**Tags**
184102, 0

**Learning Outcome**
Possess a factual and theoretical knowledge of Canadian Government and politics. Special emphasis will be placed on the Canadian political heritage, federal-provincial relations, the formulation and implementation of Canadian policy, the individuals, groups, and institutions involved in this process, and Canada’s role in the contemporary world, including its relationship with the United States

**Title**
Political Process, Theory, and Thought

**Tags**
184278, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

## POLI 357 - Middle East Politics

### Course Information

Teaching Area (new): POLI
Course Number: 357
Teaching Area: POLI
Course Title: Middle East Politics
Course Description: Introduction to important themes, concepts, and cases in the study of the Middle East and North Africa, with particular attention to the domestic and international politics of the region. Examination of social and political issues in the region from the early 20th century to the present, focusing primarily on issues of contemporary relevance.
Department: Political Science
When Taught: Fall and Winter

#### Credit Hours

Min: 3
Fixed: 3

#### Lecture Hours

Fixed: 3

#### Lab Hours

Fixed: 0

Recommended: Poli 200

Title: Politics, International Relations, and Political Philosophy
Tags: 183756, 1
Learning Outcome: We will concentrate on problems of political development, leadership, political institutions and religion

## POLI 358 - Latin American Politics

### Course Information

Teaching Area (new): POLI
Course Number: 358
Teaching Area: POLI
Course Title: Latin American Politics
Course Description: Conceptual and contemporary issues in Latin America's search for political order and economic development.
Department: Political Science
When Taught: Contact Department

#### Credit Hours

Min: 3
Fixed: 3

#### Lecture Hours

Fixed: 3

#### Lab Hours

Fixed: 0

Other Prerequisites: Poli 200 or Lt Am 211.

Title: Learning Facts About Latin American Politics
Tags: 183757, 1
Learning Outcome: In this course you develop a general understanding of Latin American politics and how politics in the region compares with that of the rest of the world. You also develop expert knowledge of at least one Latin American country, and you learn about databases and other

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 183933, 3 |

Learning Outcome
Students will develop analytical and logical writing abilities with an emphasis on critical reading and writing skills.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184103, 2 |

Learning Outcome
We will study the conflicts of political legitimacy and Islamic activism.

| Title | Tags |
| --- | --- |
| Political Process, Theory and Thought | 184113, 0 |

Learning Outcome
The class is designed to help the student gain a basic knowledge of Middle Eastern politics and the social pressures that underlie political forces, to study several countries in depth and to gain an understanding of the culturally-based and traditional political structures and forces that operate in these governmental systems.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184279, 1 |

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184280, 2 |

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |

sources of information on the region.

| Title | Tags |
| --- | --- |
| Learning Theories to Understand Facts | 183758, 2 |

Learning Outcome
You will learn how to apply theories in order to understand the facts. Beyond learning facts, you will improve your ability to identify patterns in Latin American politics and explain them. This analytical knowledge will allow you to make predictions and prescriptions.

| Title | Tags |
| --- | --- |
| Developing Broader Writing and Methods Skills | 184163, 2 |

Learning Outcome
You will develop broader skills of research, writing, and "numeracy." These basic skills are taught in most Political Science classes, and you have several opportunities here to improve them.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184282, 1 |

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184283, 2 |

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184284, 3 |

Learning Outcome
Write professional grade research papers on political

| | |
|---|---|
| Critical Thinking and Analysis | 184281, 3 |

Learning Outcome
Think critically, analytically, and synthetically.

science questions.

| Title | Tags |
|---|---|
| Critical Thinking and Analysis | 184285, 4 |

Learning Outcome
Think critically, analytically, and synthetically.

## POLI 359R - Topics in Comparative Politics

### Course Information

Teaching Area (new)
POLI
Course Number
359R
Teaching Area
POLI
Course Title
Topics in Comparative Politics
Course Description
Students will learn how to critique and construct theories of democratic development, and deepen their familiarity with the research traditions of regime change and theoretical paradigms of comparative politics.
Department
Political Science
When Taught
Contact Department

### Credit Hours

Min
1

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 200 or equivalent.

| Title | Tags |
|---|---|
| Political Process, Theory and Thoughts | 184532, 1 |

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
|---|---|

## POLI 360 - Research Project in Political Theory

### Course Information

Teaching Area (new)
POLI
Course Number
360
Teaching Area
POLI
Course Title
Research Project in Political Theory
Course Description
Advanced research skills and advanced writing for students in their junior year; focused on political theory.
Department
Political Science
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**

| Title | Tags |
| --- | --- |
| Advanced Writing | 209744, 0, 4 |

Learning Outcome
Write advanced papers on the topic

| Title | Tags |
| --- | --- |
| Master the Literature | 209742, 0, 2 |

Learning Outcome
Demonstrate mastery of the literature of a relevant subfield in comparative politics

| Title | Tags |
| --- | --- |
| Apply Methodologies | 209743, 0, 3 |

Learning Outcome
Acquire and apply the appropriate methodologies of comparative politics

| Title | Tags |
| --- | --- |
| Understand the role of Political Strategy | 209745, 0, 5 |

Learning Outcome
Understand how comparative politics fits into the broader context of political science

- POLI 200 - Political Inquiry
  **AND** POLI 201 - Western Political Heritage 1

Prerequisites

**Complete ALL of the following Courses:**

- POLI 200 - Political Inquiry
  **AND** POLI 202 - Western Political Heritage 2

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 214323, 0, 1, 2023-08-29 11:57:05 |

Learning Outcome
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Be spiritually strengthened | 214324, 0, 2, 2023-08-29 11:57:07 |

Learning Outcome
Be able to articulate principles of faith in political analysis

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 214325, 0, 3, 2023-08-29 11:57:09 |

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 214326, 0, 4, 2023-08-29 11:57:10 |

Learning Outcome
Think critically, analytically, and synthetically.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 214327, 0, 5, 2023-08-29 11:57:11 |

Learning Outcome
Be able to explain political philosophy in at least one specialized area.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 214328, 0, 6, 2023-08-29 11:57:13 |

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative

methods, historical comparison, and textual interpretation to answer political questions.

## POLI 362 - Reason, Revelation, and Politics

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
362

**Teaching Area**
POLI

**Course Title**
Reason, Revelation, and Politics

**Course Description**
The fruitful tension between the authority of reason and that of revelation in the Western tradition and in contemporary politics.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Poli 201 or 202 or class in philosophy

**Title**
Be spiritually strengthened

**Tags**
183719, 1

**Learning Outcome**
Possess a command of sacred texts and doctrines gained

**Title**
Political Thought

**Tags**
183720, 2

**Learning Outcome**
Understand the main ideas of each author considered, and be able to compare and contrast the various authors

## POLI 364 - Jurisprudence

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
364

**Teaching Area**
POLI

**Course Title**
Jurisprudence

**Course Description**
Problem approach to ancient and modern legal philosophies, emphasizing the nature of justice and the relation of law to morality.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Politics, International Relations, and Political Philosophy

**Tags**
183759, 1

**Learning Outcome**
Students will understand key historical and contemporary approaches to the philosophy of law.

**Title**
Integrity in Daily Life and Civic Activities

**Tags**
183922, 3

**Learning Outcome**
Students will work effectively in groups to help colleagues

| Title | Tags |
| --- | --- |
| Political Philosophy | 183721, 3 |

**Learning Outcome**
Summarize and independently critique important philosophical arguments bearing on religion and contemporary issues, and write about them in a clear and orderly fashion.

| Title | Tags |
| --- | --- |
| Political Theory | 184080, 3 |

**Learning Outcome**
Be critically aware of conventional assumptions regarding religion, reason and politics that limit much current thought

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184081, 4 |

**Learning Outcome**
See the practical consequences of abstract philosophical ideas, think more deeply and coherently about their own moral and political commitments

| Title | Tags |
| --- | --- |
| Political Philosophy | 184127, 2 |

**Learning Outcome**
Summarize and independently critique important philosophical arguments bearing on religion and contemporary issues, and write about them in a clear and orderly fashion.

prepare their individual term papers, providing and receiving peer review at each stage and sharing research efforts.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 183932, 1 |

**Learning Outcome**
Students will articulate, compare, and evaluate the specific ways in which different jurisprudential approaches understand and appreciate the rule of law.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184120, 2 |

**Learning Outcome**
Students will analyze, evaluate, and respond critically to Letwin's assessment of a particular philosopher in an oral presentation and in a term paper.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184286, 1 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184287, 2 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184288, 3 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to

answer political questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184289, 4 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 184290, 5 |

**Learning Outcome**
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184291, 6 |

**Learning Outcome**
Think critically, analytically, and synthetically.

## POLI 365 - Early American Political Thought: 1620-1865

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
365

**Teaching Area**
POLI

**Course Title**
Early American Political Thought: 1620-1865

**Course Description**
Core principles and seminal texts of American politics from Colonial times through the Lincoln administration.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

## POLI 366 - Modern American Political Thought: 1865-Present

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
366

**Teaching Area**
POLI

**Course Title**
Modern American Political Thought: 1865-Present

**Course Description**
Core principles and seminal texts of American politics from Reconstruction to the present.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

3

### Lab Hours

**Fixed**
0

**Title**
Political Process, Theory and Thought

**Tags**
183732, 1

**Learning Outcome**
Students will understand the ideals and institutions the contributed to the founding of America

**Title**
Political Process, Theory, and Thought

**Tags**
184015, 0

**Learning Outcome**
Students will consider some of the major themes/issues that emerge instudies of the American founding--with brief considerations of the earliest English settlements in America, America's colonial history, America's post-Constitutional history, Manifest Destiny, and the Civil War. We will examine the American Revolution and the Constitutional period in greater detail.

3

### Lab Hours

**Fixed**
0

## POLI 367 - Contemporary Political Theory

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
367

**Teaching Area**
POLI

**Course Title**
Contemporary Political Theory

**Course Description**
History of political science, including the moral and ethical dimensions of politics.

**Department**
Political Science

**When Taught**
Fall and Winter

### Credit Hours

**Min**

## POLI 368R - Topics in Political Philosophy

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
368R

**Teaching Area**
POLI

**Course Title**
Topics in Political Philosophy

**Course Description**
Students will develop skills in use of philosophical methodology, give attention to articulating premises clearly and to understanding inferential validity using argumentative tools such as deduction, abduction, induction, and reflective equilibrium.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 201 or Poli 202 or Phil 201 or Phil 202.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 183717, 1 |

**Learning Outcome**
See the practical consequences of abstract philosophical ideas, think more deeply and coherently about their own moral and political commitments

| Title | Tags |
| --- | --- |
| Political Philosophy | 183961, 1 |

**Learning Outcome**
Students will attend to the deeper question of the nature and limits of theory (or "reason," or "philosophy") as it functions in the political-moral realm.

| Title | Tags |
| --- | --- |
| Political Philosophy | 183994, 0 |

**Learning Outcome**
Students will have a factual and theoretical knowledge of contemporary normative political theory from the standpoint of the question of the relationship between theory and practice.

| Title | Tags |
| --- | --- |
| Political Philosophy | 184034, 2 |

**Learning Outcome**
Students will examine the risks both of a postmodern celebration of irrationalism and those inherent in the ongoing project of constructing a purely

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Political Process, Theory and Thoughts | 184533, 1 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Advanced Writing | 209748, 0, 4 |

**Learning Outcome**
Write advanced papers on the topic.

| Title | Tags |
| --- | --- |
| Master the Literature | 209746, 0, 2 |

**Learning Outcome**
Master the literature of a relevant subfield in political philosophy

| Title | Tags |
| --- | --- |
| Apply Methodologies | 209747, 0, 3 |

**Learning Outcome**
Acquire and apply the appropriate methodologies of political philosophy

| Title | Tags |
| --- | --- |
| Understand the role of Legal Studies | 209749, 0, 5 |

**Learning Outcome**
Understand how political philosophy fits into the broader context of political science

of constructing a purely "rational" politics and morality.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184045, 4 |

**Learning Outcome**
To learn to address significant, complex and challenging ideas in clear, correct, and strong English, based upon a careful engagement with textual sources

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 184170, 1 |

**Learning Outcome**
Be able to articulate principles of faith in political analysis.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184171, 2 |

**Learning Outcome**
Possess a faculty and theoretical knowledge of countries, poilitical processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184172, 3 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184173, 4 |

**Learning Outcome**
Think critically, analytically, and synthetically.

## POLI 370 - Research Project in International Relations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

## POLI 372 - International Political Economy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 372 |

Teaching Area

POLI 370
**Teaching Area**
POLI
**Course Title**
Research Project in International Relations
**Course Description**
Advanced research skills and advanced writing for students in their junior year; focused on international relations.
**Department**
Political Science
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- POLI 170 - Introduction to International Politics
  **AND** POLI 200 - Political Inquiry

Prerequisites

**Complete ALL of the following Courses:**
- POLI 200 - Political Inquiry
  **AND** POLI 270 - Principles of International Relations

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags |
|---|---|
| Political Process, Theory, and Thought | 214329, 0, 1, 2023-08-29 11:57:22 |

**Learning Outcome**
Possess a factual and theoretical knowledge of international

**Teaching Area**
POLI
**Course Title**
International Political Economy
**Course Description**
Political implications of international trade, investment, and monetary policies within an increasingly interdependent global context; transnationalism.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Politics, International Relations, and Political Philosophy | 183762, 1 |

**Learning Outcome**
Demonstrate understanding of how International Relations theory applies to the subject matter of International Political Economy.

| Title | Tags |
|---|---|
| Effective Research and Analysis | 184000, 3 |

**Learning Outcome**
Complete a research paper that uses IPE theory to explain aspects of global political and economic interaction.

| Title | Tags |
|---|---|
| Integrity in Daily and Civic Activities | 184040, 6 |

**Learning Outcome**
Learn the consequences of plagiarism and how to avoid it.In written assignments, correctly acknowledge the words and/or

relations in at least one specialized area.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 214330, 0, 2, 2023-08-29 11:57:23 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 214331, 0, 3, 2023-08-29 11:57:25 |

**Learning Outcome**
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 214332, 0, 4, 2023-08-29 11:57:26 |

**Learning Outcome**
Write professional grade research papers on political science questions.

acknowledge the words and/or ideas of other authors.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184091, 2 |

**Learning Outcome**
Demonstrate understanding of different issue areas in international political economy.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184153, 4 |

**Learning Outcome**
Demonstrate the ability to write a well-crafted, persuasive research paper.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184160, 5 |

**Learning Outcome**
Demonstrate the ability to apply different theories of international political economy.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184297, 1 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184298, 2 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184299, 3 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative

qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184300, 4 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184301, 5 |

**Learning Outcome**
Think critically, analytically, and synthetically.

## POLI 373 - International Law

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
373

**Teaching Area**
POLI

**Course Title**
International Law

**Course Description**
Nature and function of international law; recognition, succession, jurisdiction rights, and immunities of states; nationality and jurisdiction over nations.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

## POLI 374 - Ethics and International Affairs

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
374

**Teaching Area**
POLI

**Course Title**
Ethics and International Affairs

**Course Description**
Ethical considerations in study and practice of international politics. Realism, idealism, and other theories of state behavior subjected to ethical standards.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- POLI 200 - Political Inquiry

**Additional Comments:**

| Title | Tags |
|---|---|
| Faith and Political Analysis | 183763, 1 |

**Learning Outcome**
Students will discuss the moral issues surrounding issue of international law.

| Title | Tags |
|---|---|
| Participation in Political Process | 183967, 5 |

**Learning Outcome**
Students will learn the history of the development of international legal norms and how those norms affect important political issues in the United States.

| Title | Tags |
|---|---|
| Effective and Professional Writing | 183995, 3 |

**Learning Outcome**
Students will write either a legal brief for a mock argument before an international tribunal or a research paper that conforms to the conventional expectations for a research paper in a political science class.

| Title | Tags |
|---|---|
| Critical Thinking and Analysis | 184036, 4 |

**Learning Outcome**
In class discussions, writing, and course readings, students will practice analyzing and evaluating the logic and arguments used in international legal decisions themselves and discussions of international legal issues.

| Title | Tags |
|---|---|
| Political Process, Theory, and | |

0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- POLI 200 - Political Inquiry

**Additional Comments:**

| Title | Tags |
|---|---|
| Be spiritually strengthened | 183764, 1 |

**Learning Outcome**
Be able to articulate principles of faith in political analysis

| Title | Tags |
|---|---|
| Faith and Political Analysis | 183765, 2 |

**Learning Outcome**
Course participants will inquire into how Latter-day Saint perspectives might contribute to better understanding of ethics and international relations.

| Title | Tags |
|---|---|
| Effective Research and Analysis | 183929, 1 |

**Learning Outcome**
Students will acquire analytical tools with which to address international issues having ethical implications, focusing on realism and idealism, and be able to apply these tools to a variety of significant case studies.

| Title | Tags |
|---|---|
| Critical Thinking and Analysis | 183954, 2 |

**Learning Outcome**
Students will become acquainted with and analyze the concept of just and unjust wars, drawing on historical and contemporary examples as illustrations.

| Title | Tags |
|---|---|
| Political Process, Theory, and Thought | 183955, 0 |

**Learning Outcome**
Within a historical and theoretical context, students will

| Title | Tags |
| --- | --- |
| Thought | 184037, 2 |

Learning Outcome
Students will learn the legal perspective of important events of world history and current issues of international conflict and cooperation.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184550, 1 |

Learning Outcome

Students will learn the role of legal norms in international relations and will be able to discuss the relative importance of international law in constraining the actions of states.

demonstrate understanding of the ethical challenges confronting international policymakers and the challenge of including ethical analysis in foreign policy decision-making.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184004, 3 |

Learning Outcome
In the context of the course's overarching themes, students will survey war, international law, war crimes and crimes against humanity, genocide, human rights, human trafficking, torture, humanitarian intervention, democratization, reconciliation, economic justice, and other concepts lending themselves to ethics-based understanding.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184077, 5 |

Learning Outcome
Students will demonstrate increased confidence in their abilities to assess and express the ethical implications of international relations.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184148, 4 |

Learning Outcome
Students will demonstrate knowledge and understanding of the watershed historical and current events that lend themselves most readily to ethical analyses.

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 184302, 1 |

Learning Outcome
Be able to articulate principles of faith in political analysis.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184303, 2 |

Learning Outcome

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184304, 3 |

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184305, 4 |

Learning Outcome
Think critically, analytically, and synthetically.

## POLI 375 - International Organizations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 375 |

**Teaching Area**
POLI
**Course Title**
International Organizations
**Course Description**
International institutions; transnational relations; rise of newer political organizations: League of Nations, United Nations, European communities, world religions, multinational corporations, terrorist groups, global regimes.
**Department**
Political Science
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

## POLI 376 - U.S. Foreign Policy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 376 |

**Teaching Area**
POLI
**Course Title**
U.S. Foreign Policy
**Course Description**
Formation, implementation, analysis, and criticism of themes in American foreign policy.
**Department**
Political Science
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- POLI 200 - Political Inquiry

**Additional Comments:**

| Title | Tags |
|---|---|
| Politics, International Relations, and Political Philosophy | 183766, 1 |

**Learning Outcome**
You will know the proper terminology to describe and define the major theoretical traditions in international relations.

| Title | Tags |
|---|---|
| Critical Thinking and Analysis | 183969, 2 |

**Learning Outcome**
You will be able to compare, contrast, and critique these approaches and begin developing your own ideas.

| Title | Tags |
|---|---|
| Effective Citation | 184067, 4 |

**Learning Outcome**
In addition, it is hoped that you will better appreciate the importance of, and apply high ethical standards of academic conduct, including proper source citation, calibrating conclusions to evidence honestly, and working alone without help when required.

| Title | Tags |
|---|---|
| Critical Thinking and Analysis | 184097, 1 |

**Learning Outcome**
You will understand the inner logic of each approach and its implications.

**Fixed**
0

| Title | Tags |
|---|---|
| Be intellectually enlarged | 183767, 1 |

**Learning Outcome**
Possess a factual and theoretical knowledge of foreign policy and its relationship to political processes, political theories, and political thought

| Title | Tags |
|---|---|
| Political Process, Theory, and Thought | 183768, 2 |

**Learning Outcome**
Demonstrate strong background in important developments and events in U.S. foreign policy history.

| Title | Tags |
|---|---|
| Political Process, Theory, and Thought | 183769, 3 |

**Learning Outcome**
Demonstrate ability to explain U.S. foreign policy-making process.

| Title | Tags |
|---|---|
| Political Process, Theory, and Thought | 183770, 4 |

**Learning Outcome**
Demonstrate understanding of key current foreign policy issues facing U.S., and be able to discuss how history and policy process shape U.S. response to those issues.

| Title | Tags |
|---|---|
| Effective Research and Analysis | 183921, 3 |

**Learning Outcome**
Complete a research paper that explains some aspect of U.S. foreign policy.

| Title | Tags |
|---|---|
| Critical Thinking and Analysis | 183970, 5 |

**Learning Outcome**
Demonstrate the ability to analyze U.S. foreign policy in a

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184158, 3 |

**Learning Outcome**
You will be able to begin testing the propositions of the theories.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184306, 1 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184307, 2 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184308, 3 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184309, 4 |

**Learning Outcome**
Think critically, analytically, and synthetically.

analyze U.S. foreign policy in a specific policy area.

| Title | Tags |
| --- | --- |
| Integrity in Daily and Civic Activities | 183972, 6 |

**Learning Outcome**
Learn the consequences of plagiarism and how to avoid it.In written assignments, correctly acknowledge the words and/or ideas of other authors.

| Title | Tags |
| --- | --- |
| Participation in political processes | 184075, 7 |

**Learning Outcome**
Be better prepared to participate as a national and global citizen.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184134, 4 |

**Learning Outcome**
Demonstrate the ability to write a well-crafted, persuasive research paper.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184310, 1 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184311, 2 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184312, 3 |

**Learning Outcome**
Write professional grade

Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184313, 4 |

**Learning Outcome**
Think critically, analytically, and synthetically.

| Title | Tags |
| --- | --- |
| Participation in Political Processes | 184314, 5 |

**Learning Outcome**
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

## POLI 377 - National Security Affairs

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
377

**Teaching Area**
POLI

**Course Title**
National Security Affairs

**Course Description**
American national security affairs, including American grand strategy and topics such as nuclear weapons and cybersecurity.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

## POLI 378 - International Conflict

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
378

**Teaching Area**
POLI

**Course Title**
International Conflict

**Course Description**
Analysis of theories about the causes of war and peace between states, including factors such as domestic instability, nuclear weapons, and war as a result of a bargaining failure.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

0

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 183771, 1 |

Learning Outcome
Students will write a Policy Position Paper

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 183917, 2 |

Learning Outcome
Throughout the course, students will integrate moral perspectives on American national security policy with secular perspectives thereof

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183993, 4 |

Learning Outcome
Students will be familiar with the primary institutions and processes of American national security policy making

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184122, 1 |

Learning Outcome
Students will understand the evolution of American national security policy since WWII, especially since 9/11

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184139, 0 |

Learning Outcome
Students will understand Security Studies

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 184315, 1 |

Learning Outcome
Be able to articulate principles of faith in political analysis.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184316, 2 |

Fixed
0

Other Prerequisites
Poli 150, 170, 250, or 270; Poli 200.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183772, 1 |

Learning Outcome
We will seek to deepen our understanding of war through a theoretical analysis of the causes of war by focusing attention on war as an outcome of the nature of the international system, war a result of the nature of the state, and war as a product of human nature.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184320, 1 |

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184317, 3

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184318, 4

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184319, 5

Learning Outcome
Write professional grade research papers on political science questions.

## POLI 379R - Topics in International Relations

### Course Information

Teaching Area (new)
POLI

Course Number
379R

Teaching Area
POLI

Course Title
Topics in International Relations

Course Description
Students will become familiar with the international, regional, and national policies in place to address some difficult challenges. Students will appreciate the complex nature of the interplay between economic, political and cultural aspects of the global and national communities.

Department
Political Science

When Taught

## POLI 380 - International Relations of Latin America

### Course Information

Teaching Area (new)
POLI

Course Number
380

Teaching Area
POLI

Course Title
International Relations of Latin America

Course Description
Factors that affect foreign relations of Latin American countries, including the U.S. role, emphasizing intervention, democracy, development, and trade.

Department
Political Science

When Taught
Contact Department

Contact Department

### Credit Hours

Min
0.5

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 200 or equivalent.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184529, 1 |

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 200 or Lt Am 211.

| Title | Tags |
| --- | --- |
| Be intellectually enlarged | 183773, 1 |

Learning Outcome
Possess a factual and theoretical knowledge of Latina American countries, political processes, political theories, and political thought

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183774, 2 |

Learning Outcome
In this course you will build your repertoire of facts and theories for understanding international politics in Latin America. Specifically, you will learn the history of wars and diplomacy in Latin America (particularly with reference to the United States) and recent patterns of economic development and democratization

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184007, 2 |

Learning Outcome
This course will help you improve your research skills

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184050, 1 |

Learning Outcome
This course will help you improve your reasoning

Title
Effective and Professional Writing

Tags
184140, 3

Learning Outcome
This course will help you improve your writing skills.

Title
Political Process, Theory, and Thought

Tags
184321, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184322, 2

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184323, 3

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184324, 4

Learning Outcome
Think critically, analytically, and synthetically.

## POLI 381 - International Relations of the Middle East

### Course Information

## POLI 384 - International Relations of Europe

### Course Information

Course Number
384

**Teaching Area (new)**
POLI
**Course Number**
381
**Teaching Area**
POLI
**Course Title**
International Relations of the Middle East
**Course Description**
Topics include Persian Gulf Wars, Arab-Israeli conflict, the effect of Arab nationalism and political Islam on international relations, and the intervention of great powers in the region.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 200.

**Title**
Politics, International Relations, and Political Philosophy
**Tags**
183775, 1
**Learning Outcome**
Analyze the international relations of the Middle East from a historical, theoretical, and contemporary perspective

**Title**
Politics, International Relations, and Political Philosophy
**Tags**
184325, 1
**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

**Title**
Political Process, Theory, and
**Tags**

384
**Teaching Area**
POLI
**Course Title**
International Relations of Europe
**Course Description**
Examination of history and causes of war and peace in Europe.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**POLI 200**
**Type**
Prerequisite

POLI 200
**Complete ALL of the following Courses:**
- POLI 200 - Political Inquiry

**Additional Comments:**

**Title**
Identify key history
**Learning Outcome**
Identify key developments in the evolution of the European state system.

**Title**
Apply theories
**Learning Outcome**
Apply and assess international relations theories about the causes of war and peace.

**Title**
Conduct research
**Learning Outcome**
Conduct original research in order to answer questions with data.

| Title | Tags |
| --- | --- |
| Thought | 184326, 2 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184327, 3 |

**Learning Outcome**
Think critically, analytically, and synthetically.

| Title | Learning Outcome |
| --- | --- |
| Write professionally | Write professional quality academic papers. |

## POLI 385 - International Relations of Asia

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 385 |

**Teaching Area**
POLI
**Course Title**
International Relations of Asia
**Course Description**
Foreign policies and international relations of China, Japan, and Northeast and Southeast Asia; historical and contemporary review and analysis.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183777, 1 |

**Learning Outcome**

## POLI 387 - International Relations of Developing Countries

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 387 |

**Teaching Area**
POLI
**Course Title**
International Relations of Developing Countries
**Course Description**
Global politics in developing countries, focusing on trade, aid, conflict, women's rights, and the changing global balance of power.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 150, 170, 250, or 270; Poli 328.

| Title | Tags |
| --- | --- |
| Learn the Experimental Method | 184482, 1 |

Possess a factual and analytical knowledge of East Asia and its international relations, political theories and political processes

Title
Political Process, Theory, and Thought

Tags
183778, 2

Learning Outcome
Developing an appreciation for the diversity and dynamism of the Asia Pacific

Title
Globalization

Tags
183779, 3

Learning Outcome
Understand the extend to which Asian States have not simply "reacted" to the West, but have "interacted" with it in an increasingly globalized world.

Title
Critical Thinking and Analysis

Tags
184084, 3

Learning Outcome
Interpret contemporary developments by reference to past traditions and history

Title
Critical Thinking and Analysis

Tags
184169, 1

Learning Outcome
Understand the extent to which Asian states have not simply "reacted" to the West, but have "interacted" with it

Title
Political Process, Theory, and Thought

Tags
184329, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective and Professional Writing

Tags
184330, 2

Learning Outcome

Learning Outcome
Use appropriate methods of sampling, intervention, random assignment, measurement, and statistical analysis in constructing and executing an original experiment in political science.

Title
Effective and Professional Writing

Tags
184483, 2

Learning Outcome
Write a professional grade research paper on the international relations of developing countries.

Title
Effective Oral Communication

Tags
184484, 3

Learning Outcome
Communicate effectively by presenting ideas in high-quality oral presentations.

Title
Critical Thinking and Analysis

Tags
184485, 4

Learning Outcome
Think critically, analytically, and synthetically.

Title
Substantive Knowledge of International Development

Tags
184486, 5

Learning Outcome
Learn the major categories of thinking on the international relations of developing countries.

Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184331, 3 |

Learning Outcome
Think critically, analytically, and synthetically.

## POLI 388 - Chinese Foreign Policy

### Course Information

Teaching Area (new): POLI
Course Number: 388
Teaching Area: POLI
Course Title: Chinese Foreign Policy
Course Description: Structure and process of foreign policy of the People's Republic of China.
Department: Political Science
When Taught: Contact Department

#### Credit Hours

Min: 3
Fixed: 3

#### Lecture Hours

Fixed: 3

#### Lab Hours

Fixed: 0

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183782, 1 |

Learning Outcome
Students will become familiar with the formulation and implementation of China's foreign policy

## POLI 391 - Advanced Seminar on Current Issues

### Course Information

Teaching Area (new): POLI
Course Number: 391
Teaching Area: POLI
Course Title: Advanced Seminar on Current Issues
Course Description: Briefings and lectures from government officials and agencies, as well as directed readings on current issues.
Department: Political Science
When Taught: All Semesters/Terms

#### Credit Hours

Min: 3
Fixed: 3

#### Lecture Hours

Fixed: 3

#### Lab Hours

Fixed: 0

Other Prerequisites
Acceptance to Washington Seminar.
Note
For students interning in Washington, D.C.

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 183784, 1 |

Learning Outcome
Students should always

Title
Political Process, Theory, and Thought

Tags
183783, 2

Learning Outcome
Develop skills in policy analysis-examining historical, cultural, international, and domestic factors that influence Chinese foreign relations.

Title
Political Process, Theory, and Thought

Tags
184340, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

remember what is cited in the Doctrine and Covenants, Section 134: 1: "We believe that governments were instituted of God for the benefit of man; and that He holds men accountable for their acts in relation to them, both in making laws and administering them, for the good and safety of society," and apply this to studies.

Title
Politics, International Relations, and Political Philosophy

Tags
183960, 1

Learning Outcome
During the course of this semester, we intend to identify some best practices which might improve both the overall U.S. system of governance and the ability of government officials in Washington, D.C. to represent the citizens of the United States of America more effectively.

Title
Politics, International Relations and Political Philosophy

Tags
183987, 0

Learning Outcome
Students will be expected to examine policies and institutions with the intent of seeing how the overall policy-making processes and institutions might be ameliorated.

Title
Faith and Political Analysis

Tags
184341, 1

Learning Outcome
Be able to articulate principles of faith in political analysis.

Title
Politics, International Relations, and Political Philosophy

Tags
184342, 2

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Participation in Political Processes

Tags
184343, 3

Learning Outcome
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

## POLI 392R - Topics in Political Strategy

### Course Information

Teaching Area (new)
POLI

Course Number
392R

Teaching Area
POLI

Course Title
Topics in Political Strategy

Course Description
Special topics for the Political Strategy track. Topic chosen by instructor.

Department
Political Science

When Taught
Contact Department

### Credit Hours

Min
1

Fixed
3

### Lab Hours

Fixed
0

Title
Apply Methodologies

Tags
184513, 0, 3, 2020-01-31 14:45:33

Learning Outcome
Acquire and apply the appropriate methodologies of Political Strategy

Title
Advanced Writing

Tags
184514, 0, 4, 2020-01-31 14:45:33

Learning Outcome
Write advanced papers on the topic

## POLI 393R - Topics in Legal Studies

### Course Information

Teaching Area (new)
POLI

Course Number
393R

Teaching Area
POLI

Course Title
Topics in Legal Studies

Course Description
Special topics for the Legal Studies track. Topic chosen by instructor.

Department
Political Science

When Taught
Contact Department

### Credit Hours

Min
1

Fixed
3

### Lab Hours

Fixed
0

Title
Topics in Legal Studies

Tags
184503, 1

Learning Outcome
1 & 2 Students will master a new topic related to one of the vocational emphases of Political Science (Political Process, Theory, and Thought); Students will learn to appropriately apply theories and methods learned in previous courses to understanding this new topic (Critical Thinking and Analysis); Students will improve their writing and research skills (Effective and Professional Writing; Effective Research and Analysis)

| Title | Tags |
| --- | --- |
| Understand the role of Political Strategy | 184515, 0, 5, 2020-01-31 14:45:33 |

Learning Outcome
Understand how Political Strategy fits into the broader context of political science

| Title | Tags |
| --- | --- |
| Master the Literature | 184512, 0, 2, 2020-01-31 14:45:33 |

Learning Outcome
Demonstrate mastery of the literature of a relevant subfield in Political Strategy

| Title | Tags |
| --- | --- |
| Master the Literature | 184516, 2 |

Learning Outcome
Master the literature of a relevant subfield in Legal Studies

| Title | Tags |
| --- | --- |
| Apply Methodologies | 184517, 3 |

Learning Outcome
Acquire and apply the appropriate methodologies of Legal Studies

| Title | Tags |
| --- | --- |
| Advanced Writing | 184518, 4 |

Learning Outcome
Write advanced papers on the topic.

| Title | Tags |
| --- | --- |
| Understand the role of Legal Studies | 184519, 5 |

Learning Outcome
Understand how Legal Studies fits into the broader context of political science

## POLI 394R - Topics in Global Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 394R |

Teaching Area
POLI
Course Title
Topics in Global Development
Course Description
Special topics for the Global Development track. Topic chosen by instructor.
Department
Political Science
When Taught
Contact Department

### Credit Hours

Min
1

Fixed

## POLI 395R - Political Review

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 395R |

Teaching Area
POLI
Course Title
Political Review
Course Description
Write, edit, design, market, and publish the BYU Political Review, a non-partisan university publication.
Department
Political Science
When Taught
Fall and Winter

### Credit Hours

Min
1

Fixed

Fixed
3

Fixed
1

**Lab Hours**

Fixed
0

**Lecture Hours**

Fixed
1

| Title | Tags | Learning Outcome |
|---|---|---|
| Master the Literature | 184520, 2 | Master the literature of a relevant subfield in Global Development |

**Lab Hours**

Fixed
0

Other Prerequisites
previous application

| Title | Tags | Learning Outcome |
|---|---|---|
| Apply Methodologies | 184521, 3 | Acquire and apply the appropriate methodologies of Global Development |

| Title | Tags | Learning Outcome |
|---|---|---|
| Advanced Writing | 184522, 4 | Write advanced papers on the topic |

| Title | Tags | Learning Outcome |
|---|---|---|
| Understand the role of Global Development | 184523, 5 | Understand how Global Development fits into the broader context of political science |

## POLI 397 - Utah Legislative Politics

### Course Information

Teaching Area (new)
POLI
Course Number
397
Teaching Area
POLI
Course Title
Utah Legislative Politics
Course Description
Preparatory seminar for students in the Utah State Legislature internship. Utah history and political structure. Relations between legislature and other branches of government. Challenges of legislative service.
Department

## POLI 398 - Speaker Series on Political Careers

### Course Information

Teaching Area (new)
POLI
Course Number
398
Teaching Area
POLI
Course Title
Speaker Series on Political Careers
Course Description
Networking and career guidance through a series of lectures by career professionals.
Department
Political Science

Political Science
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Political Process, Theory, and Thought

**Tags**
184179, 1

**Learning Outcome**
"Possess a factual and theoretical knowledge of ... political processes." We may discuss less theory than is typical for an upper-division political science course, but your factual knowledge will go through the roof.

**Title**
Participation in Political Processes

**Tags**
184180, 2

**Learning Outcome**
"Participate effectively in political processes." You will learn how constituents and lobbyists interact with elected officials to craft policy.

**Title**
Effective and Professional Writing

**Tags**
184181, 3

**Learning Outcome**
"Effective and professional writing." You will practice several forms of professional writing in this preparation course, including memos, reports, constituent emails, and so on.

Political Science
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Community Service | 184182, 4 |

**Learning Outcome**
"Want to serve the communities ... to which [you] belong." Few experiences at BYU provide you with a richer opportunity to serve your fellow citizens than this internship.

## POLI 399R - International Internship

### Course Information

**Course Number**
399R
**Teaching Area**
POLI
**Course Title**
International Internship
**Course Description**
Students will fulfill the tasks and duties of their individual international internships and complete academic writing assignments related to the substance of their work.
**Department**
Political Science
**When Taught**
All Semesters/Terms

### Credit Hours

| Min | Max |
| --- | --- |
| 0.5 | 9 |

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184393, 1 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184394, 2 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought

## POLI 399R - Utah Legislature Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 399R |

**Teaching Area**
POLI
**Course Title**
Utah Legislature Internship
**Course Description**
Students will fulfill the tasks and duties of their individual internships with the Utah State Legislature and complete academic writing assignments related to the substance of their work.
**Department**
Political Science
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
7

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184379, 1 |

**Learning Outcome**
Demonstrate a familiarity with

political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184395, 3 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184396, 4 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 184397, 5 |

**Learning Outcome**
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
| --- | --- |
| Participation in Political Processes | 184398, 6 |

**Learning Outcome**
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

| Title | Tags |
| --- | --- |
| Community Service | 184399, 7 |

**Learning Outcome**
Want to serve the communities and organizations to which they belong.

each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184380, 2 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184381, 3 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184382, 4 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 184383, 5 |

**Learning Outcome**
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
| --- | --- |
| Participation in Political Processes | 184384, 6 |

**Learning Outcome**
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

| Title | Tags |
| --- | --- |
| Community Service | 184385, 7 |

Community Service 184385, 7

Learning Outcome
Want to serve the communities and organizations to which they belong.

## POLI 399R - Pre-Law Internship

### Course Information

Teaching Area (new): POLI
Course Number: 399R
Teaching Area: POLI
Course Title: Pre-Law Internship
Course Description: Students will fulfill the tasks and duties of their individual internships in the legal profession and complete academic writing assignments related to the substance of their work.
Department: Political Science
When Taught: All Semesters/Terms

### Credit Hours

Min: 3
Fixed: 9

### Lecture Hours

Fixed: 0

### Lab Hours

Fixed: 0

Note
An APPROVED Internship Application is required before adding.

Title: Politics, International Relations, and Political Philosophy
Tags: 184351, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

## POLI 399R - Washington DC Internship

### Course Information

Teaching Area (new): POLI
Course Number: 399R
Teaching Area: POLI
Course Title: Washington DC Internship
Course Description: Students will fulfill the tasks and duties of their individual internships in Washington, D.C. and complete academic writing assignments related to the substance of their work.
Department: Political Science
When Taught: All Semesters/Terms

### Credit Hours

Min: 3
Fixed: 9

### Lecture Hours

Fixed: 0

### Lab Hours

Fixed: 0

Note
An APPROVED Internship Application is required before adding.

Title: Politics, International Relations, and Political Philosophy
Tags: 184386, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184352, 2 |

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184387, 2 |

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184353, 3 |

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184388, 3 |

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184354, 4 |

Learning Outcome
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184389, 4 |

Learning Outcome
Write professional grade research papers on political science questions

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 184355, 5 |

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 184390, 5 |

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
| --- | --- |
| Participation in Political Processes | 184356, 6 |

Learning Outcome
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

| Title | Tags |
| --- | --- |
| Participation in Political Processes | 184391, 6 |

Learning Outcome
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

| Title | Tags |
| --- | --- |
| Community Service | 184357, 7 |

Learning Outcome
Want to serve the communities and organizations to which they belong.

| Title | Tags |
| --- | --- |
| Community Service | 184392, 7 |

Learning Outcome
Want to serve the communities and organizations to which they belong.

## POLI 399R - Academic Internship

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
399R

**Teaching Area**
POLI

**Course Title**
Academic Internship

**Course Description**
Work-study on the international, national, state, and local level.

**Department**
Political Science

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance into program.

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Politics, International Relations, and Political Philosophy

**Tags**
184344, 1

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

**Title**
Political Process, Theory, and Thought

**Tags**
184345, 2

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and

## POLI 420 - Constitutional Law - American Federal System

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
420

**Teaching Area**
POLI

**Course Title**
Constitutional Law - American Federal System

**Course Description**
Students will discuss the institutional issues surrounding US government structures, specifically the rights and powers of the President, Congress, the judiciary, states, and individuals.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Demonstrate Advanced Understanding of the Discipline

**Tags**
184564, 1

**Learning Outcome**
Demonstrate advanced understanding of the discipline of political science, including familiarity with each of the four major subfields: American politics, comparative politics, international relations, and political philosophy-Students will learn about some of the US Supreme Court and its decisions as well as the historical development of the most important legal doctrines of the Supreme Court.

processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184346, 3 |

**Learning Outcome**
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184347, 4 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Effective Oral Communication | 184348, 5 |

**Learning Outcome**
Communicate effectively by presenting ideas in a high quality oral presentation.

| Title | Tags |
| --- | --- |
| Participation in Political Processes | 184349, 6 |

**Learning Outcome**
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

| Title | Tags |
| --- | --- |
| Community Service | 184350, 7 |

**Learning Outcome**
Want to serve the communities and organizations to which they belong.

| Title | Tags |
| --- | --- |
| Demonstrate Advanced Understanding of the Discipline | 184565, 2 |

**Learning Outcome**
Demonstrate advanced understanding of the discipline of political science, including familiarity with each of the four major subfields: American politics, comparative politics, international relations, and political philosophy-Students will learn both the detailed arguments of important US Supreme Court decisions and the context surrounding those decisions. Students will discuss the institutional issues surrounding US government structures, specifically the rights and powers of the President, Congress, the judiciary, states, and individuals.

| Title | Tags |
| --- | --- |
| Use Rigorous Methods of Research Design & Analysis | 184566, 3 |

**Learning Outcome**
Use rigorous methods of research design and analysis to answer political questions, including multiple research methodologies-Through our daily analysis of Court decisions, we will practice textual analysis as it is done by legal professionals. In addition, the oral presentation, papers, and exams will also require a high level of competency at legal textual analysis, testing how well students have acquired this skill from the daily reading and discussion of cases.

| Title | Tags |
| --- | --- |
| Write and Speak with Originality and Clarity | 184567, 4 |

**Learning Outcome**
Write and speak with originality and clarity, providing reasons and evidence to support claims using proper citation of source material-Students will write a specialized legal research paper that will require mastery of case law precedent and relevant law review articles, characteristics of high quality legal research.

| Title | Tags |
| --- | --- |
| Write and Speak with Originality and Clarity | 184568, 5 |

**Learning Outcome**
Write and speak with originality and clarity, providing reasons and evidence to support claims using proper citation of source material-Each student's oral presentation will encourage the development of the following skills: asking critical questions, formulating persuasive answers immediately, simplifying difficult topics, and arguing persuasively. These presentations will differ significantly from the typical oral presentation made in a class and will practice a different set of presentation skills than the typical classroom oral presentation.

| Title | Tags |
| --- | --- |
| Write and Speak with Originality and Clarity | 184569, 6 |

**Learning Outcome**
Write and speak with originality and clarity, providing reasons and evidence to support claims using proper citation of source material-Students will be expected to adhere to the highest standards of intellectual honesty in writing both research papers and in their use of materials for their oral presentations. Students will also be introduced to the ABA citation style in addition to the Turabian citation style.

| Title | Tags |
| --- | --- |
| Think Critically and Analytically | 184570, 7 |

**Learning Outcome**
Think critically and analytically about government, political processes, and political theories, including the components of a good society-In our daily discussion, in mock trial presentations, in exams, and in writing briefs or court decisions, students will practice analyzing and evaluating the logic and arguments used in past Supreme Court decisions.

| Title | Tags |
| --- | --- |
| Collaborate Effectively | 184571, 8 |

**Learning Outcome**
Collaborate effectively with others, including participation in political processes and engagement on issues of political importance-Students will become more informed voters and participants in political processes by learning the history of US Supreme Court decisions as well as the legal and political logic that underpins those same decisions.

## POLI 421 - Constitutional Law - Rights and Immunities

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 421 |

**Teaching Area**
POLI
**Course Title**
Constitutional Law - Rights and Immunities
**Course Description**
Students will learn about some of the most important parts of American politics, the US Supreme Court and its decisions as well as the historical development of the most important legal doctrines of the Supreme Court.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## POLI 422 - Interests and Ideas in the American Founding

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 422 |

**Teaching Area**
POLI
**Course Title**
Interests and Ideas in the American Founding
**Course Description**
A systematic investigation of the American founding, focusing on key interests and ideas represented at the Federal Convention of 1787 (and in other seminal events) emphasizing historical and empirical literature.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Think Critically and Analytically about Politics | 184555, 1 |

**Learning Outcome**
Students will discuss the moral issues surrounding the constitutional decisions about the death penalty, abortion, death (including a righ to die and assisted suicide), discrimination, privacy rights, the free exercise of religion, the establishment of religion, hate speech, and free speech rights.

| Title | Tags |
| --- | --- |
| Understand Political Science and its Subfields | 184556, 2 |

**Learning Outcome**
Students will learn about some of hte most important parts of American politics, the US Supreme Court and its decisions as well as the historical development of the most important legal doctrines of the Supreme Court.

| Title | Tags |
| --- | --- |
| Understand Political Science and its Subfields | 184557, 3 |

**Learning Outcome**
Students will learn both the detailed arguments of important US Supreme Court decisions and the context surrounding those decisions.

| Title | Tags |
| --- | --- |
| Employ Rigorous Research Methods | 184558, 4 |

**Learning Outcome**
Through our daily analysis of Court decisions, we will practice textual analysis as it is done by legal professionals. In addition, the oral presentation, papers, and exams will also require a high level of competency at legal textual analysis, testing how well students have acquired this skill from the daily reading and discussion of cases.

**Title**

**Recommended**
Poli 202

| Title | Tags |
| --- | --- |
| Apply Knowledge of the American Founding | 184487, 2 |

**Learning Outcome**
Connect this working knowledge of the period to more modern political science questions about the nature of democracy and governance

| Title | Tags |
| --- | --- |
| Obtain Knowledge of the American Founding | 184488, 1 |

**Learning Outcome**
Obtain a working knowledge of the American founding through a thorough consideration of each of the following.
Historical documents
Historical treatments of the period
Empirical models of the covention

| Title | Tags |
| --- | --- |
| Critical Thinking | 184489, 3 |

**Learning Outcome**
Improve your ability to think critically, write about, and discuss all of this material

Write and Speak with Originality and Clarity

Tags
184559, 5

**Learning Outcome**
Students will write two specialized types of legal research papers, a legal brief for a mock argument before the US Supreme Court and a mock decision from the same Court. Both papers will require significant legal research and argumentation that is expected in high quality legal research.

**Title**
Write and Speak with Originality and Clarity

Tags
184560, 6

**Learning Outcome**
Each student will participate in two oral presentations in class, either as a party to a case brought before the Supreme Court or as a judge of the same Court questioning counsel in a mock Supreme Court case. These presentations will develop the skills of asking critical questions, formulating persuasive answers immediately, simplifying difficult topics, and arguing persuasively. These presentations will differ significantly from the typical oral presentation made in a class and will practice a different set of presentation skills than the typical classroom oral presentation.

**Title**
Think Critically and Analytically about Politics

Tags
184561, 7

**Learning Outcome**
In our daily discussions, in mock trial presentations, and exams, and in writing briefs or court decisions, students will practice analyzing and evaluating the logic and arguments used in past Supreme Court decisions.

**Title**
Write and Speak with Originality and Clarity

Tags
184562, 8

**Learning Outcome**
Students will be expected to adhere to the highest standards of intellectual honesty in writing

of intellectual honesty in writing both research papers and in their use of materials for their mock legal presentations. Students will also be introduced to the ABA citation style in addition to the Turabian citation style.

| Title | Tags |
| --- | --- |
| Collaborate Effectively | 184563, 9 |

**Learning Outcome**
Students will become more informed voters and participants in political processes by learning the history of US Supreme Court decisions as well as the legal and political logic that underpins those same decisions.

## POLI 423 - Political Extremism in the United States

### Course Information

**Teaching Area (new)** POLI
**Course Number** 423
**Teaching Area** POLI
**Course Title** Political Extremism in the United States
**Course Description** The historical and current role of extremism in American politics. Origins and types of political extremism. How political extremism compares to mere differences in political opinion or ideology. Consequences of extremism for American society and democracy.
**Department** Political Science
**When Taught** Contact Department

**Credit Hours**
Min 3
Fixed 3

**Lecture Hours**
Fixed 3

**Lab Hours**
Fixed 0

**Simple Requisites**

**Prerequisite**
**Type** Prerequisite

Prerequisite
**Complete ALL of the following Courses:**
- POLI 200 - Political Inquiry

**Additional Comments:**

## POLI 428 - Advanced Statistical Analysis

### Course Information

**Teaching Area (new)** POLI
**Course Number** 428
**Teaching Area** POLI
**Course Title** Advanced Statistical Analysis
**Course Description** Advanced topics in econometrics, building on basic linear regression learned in Political Science 328.
**Department** Political Science
**When Taught** Contact Department

**Credit Hours**
Min 3
Fixed 3

**Lecture Hours**
Fixed 3

**Lab Hours**
Fixed 0

**Simple Requisites**

**Prerequisites**
**Type** Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- POLI 300 - Statistical Analysis

Prerequisites
**Complete ALL of the following Courses:**
- ECON 388 - Introduction to Econometrics

**Additional Comments:**

## POLI 444 - The Political Economy of Development

## POLI 452 - Islam and Politics

## Development

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
444

**Teaching Area**
POLI

**Course Title**
The Political Economy of Development

**Course Description**
Political foundations of growth, providing public goods, and political reform in developing countries. Development and how institutions and culture shape it.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Econ 110, Poli 200

**Title**
Critical Thinking and Analysis

**Tags**
183992, 1

**Learning Outcome**
Learn how to answer pressing but unanswered questions in international development

**Title**
Political Process, Theory, and Thought

**Tags**
184167, 4

**Learning Outcome**
Learn a good deal about all substantive areas of development (economic adjustment, social welfare, political reform)

**Title**
Effective Oral Communication

**Tags**
184420, 4

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
452

**Teaching Area**
POLI

**Course Title**
Islam and Politics

**Course Description**
Tensions and accommodations between religion and politics in Muslim nations.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 200.

**Title**
Politics, International Relations, and Political Philosophy

**Tags**
183791, 1

**Learning Outcome**
This course will introduce students to the study of Islamic fundamentalism through taking up the question of the relationship of Islam and politics in the contemporary world.

**Title**
Political Process, Theory, and Thought

**Tags**
184044, 1

**Learning Outcome**
It will focus on the political implications of the emergence of Islam as a major world religion and on its use as a force in politics by Islamist groups by examining its rise, teachings, practices, metamorphoses, debates, and polemics.

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Understanding of development theory
Tags
184551, 1

Learning Outcome
Understand the most important concepts within the subfield of development as discussed by leading authorities.

Title
Effective and Professional Writing
Tags
184552, 3

Learning Outcome
Conceive, design and execute a professional-grade experiment on a research question related to international development.

Title
Politics, International Relations, and Political Philosophy
Tags
184426, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought
Tags
184427, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

## POLI 461 - Federalist Papers

### Course Information

Teaching Area (new)
POLI
Course Number
461
Teaching Area
POLI
Course Title
Federalist Papers
Course Description
The primary defense of the Constitution of the United States, which also constitutes the major commentary on that document.
Department
Political Science
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

## POLI 462 - Tocqueville on America

### Course Information

Teaching Area (new)
POLI
Course Number
462
Teaching Area
POLI
Course Title
Tocqueville on America
Course Description
Alexis de Tocqueville's *Democracy in America*.
Department
Political Science
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 200.

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 183787, 1 |

**Learning Outcome**
See the practical consequences of abstract philosophical ideas, think more deeply and coherently about their own moral and political commitments

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184055, 0 |

**Learning Outcome**
To gain a thorough familiarity with the text of Democracy in America, including an understanding of its basic structure and main parts, and its most significant themes and there interconnections

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184105, 3 |

**Learning Outcome**
To learn to write significant ideas in clear, correct, and strong English, based upon a careful engagement with Tocqueville's text

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184109, 1 |

**Learning Outcome**
To understand the deepest questions that arise from a selection on the themes of Democracy in America with the help of the best commentators on Tocqueville's text, such as Harvey Mansfield and Delba Winthrop, Pierre Manent, and Peter Lawler

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184125, 2 |

**Learning Outcome**
To understand the permanent interest of the challenging

questions framed by Tocqueville, and their relevance to contemporary political and ethical issues

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 184428, 1 |

**Learning Outcome**
Be able to articulate principles of faith in political analysis.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184429, 2 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Effective and Professional Writing | 184430, 3 |

**Learning Outcome**
Write professional grade research papers on political science questions.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184431, 4 |

**Learning Outcome**
Think critically, analytically, and synthetically.

## POLI 465 - Philosophy of the Social Sciences

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 465 |

**Teaching Area**
POLI
**Course Title**
Philosophy of the Social Sciences
**Course Description**
Comparative analysis of the philosophy of scientific and normative inquiry.
**Department**
Political Science
**When Taught**

## POLI 472 - International Political Economy of Women

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 472 |

**Teaching Area**
POLI
**Course Title**
International Political Economy of Women
**Course Description**
Effects upon national, international, and developmental policies when women are rendered visible and valued.
**Department**
Political Science

Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 200.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183718, 1 |

Learning Outcome
Identify the differences between social and natural sciences.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 183928, 1 |

Learning Outcome
Distinguish the different approaches to research in the social sciences.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184014, 4 |

Learning Outcome
Analyze, think, and write critically about social research.

| Title | Tags |
| --- | --- |
| Effective Research and Analysis | 184087, 2 |

Learning Outcome
Consider whether and how social sciences can address normative concerns.

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183792, 1 |

Learning Outcome
Students will discuss the dynamics of change in women's lives and in their societies, including the dynamics of religious beliefs, and to learn about programs for change that already exists

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183966, 1 |

Learning Outcome
Students will explore in greater depth women’s choices about education, family, and work in the developing world.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184046, 0 |

Learning Outcome
Students will understand the roles women play in the world society as producers, reproducers, agencies of cultural continuity and change.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and | |

| Title | Tags |
| --- | --- |
| Thought | 184100, 2 |

**Learning Outcome**
Students will investigate transnational issues directly concerning women's lives and their societies.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184131, 3 |

**Learning Outcome**
Students will discuss the dynamics of change in women's lives and in their societies, including the dynamics of religious beliefs, and to learn about programs for change that already exists

| Title | Tags |
| --- | --- |
| Faith and Political Analysis | 184435, 1 |

**Learning Outcome**
Be able to articulate principles of faith in political analysis.

| Title | Tags |
| --- | --- |
| Politics, International Relations, and Political Philosophy | 184436, 2 |

**Learning Outcome**
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184437, 3 |

**Learning Outcome**
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184438, 4 |

**Learning Outcome**
Think critically, analytically, and synthetically.

| Title | Tags |
| --- | --- |
| Community Service | 184439, 5 |

**Learning Outcome**
Want to serve the communities and organizations to which they belong.

## POLI 473 - Human Rights

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 473 |

**Teaching Area**
POLI
**Course Title**
Human Rights
**Course Description**
Causes of human rights violations and societal and state responses; nature, history, and impacts of international human rights norms; ways to define and promote rights.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 200.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 184177, 1 |

**Learning Outcome**
Possess a factual and theoretical knowledge of human rights.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 184178, 2 |

## POLI 474 - Arab-Palestinian-Israeli Conflict

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLI | 474 |

**Teaching Area**
POLI
**Course Title**
Arab-Palestinian-Israeli Conflict
**Course Description**
Emphasizes historical background, current situation, and alternatives leading to conflict resolution.
**Department**
Political Science
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Poli 200.

| Title | Tags |
| --- | --- |
| Political Process, Theory, and Thought | 183793, 1 |

**Learning Outcome**
Students will have an increased understanding of the Arab-Israeli conflict and of the peoples, governments, and cultures it involves. Some of us enter this class with prior knowledge of the conflict; none of us enter with perfect

Learning Outcome
Think critically, analytically and synthetically about human rights

knowledge

Title
Political Process, Theory, and Thought

Tags
183794, 2

Learning Outcome
Students will have an increased understanding of political and social analysis, terms, and ideas. We will discuss political science topics like "deterrence" and "conflict."

Title
Critical Thinking and Analysis

Tags
184146, 0

Learning Outcome
Students will have an increased ability to think, read, and write clearly.

Title
Political Process, Theory, and Thought

Tags
184440, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Critical Thinking and Analysis

Tags
184441, 2

Learning Outcome
Think critically, analytically, and synthetically.

## POLI 475 - Civil Wars and Ethnic Violence

### Course Information

Teaching Area (new)
POLI

Course Number
475

Teaching Area
POLI

Course Title
Civil Wars and Ethnic Violence

Course Description
Foundations of ethnic and nationalist identities and how they related to civil wars worldwide, emphasizing theoretical explanations of civil wars and their resolution. Key civil war cases examined.

Department
Political Science

When Taught

## POLI 476 - Terrorism

### Course Information

Teaching Area (new)
POLI

Course Number
476

Teaching Area
POLI

Course Title
Terrorism

Course Description
Defining and conceptualizing terrorism; causes and varieties of terrorism; counterterrorism; the future of terrorism.

Department
Political Science

When Taught
Contact Department

Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Poli 200.

Recommended
Poli 150 or 250; 170 or 270; 328

Title
Political Process, Theory, and Thought

Tags
183795, 1

Learning Outcome
Students will gain a knowledge of countries and wars, theoretically and factually

Title
Effective Writing

Tags
183976, 5

Learning Outcome
Students will write a professional research paper.

Title
Critical Thinking and Analysis

Tags
184035, 2

Learning Outcome
Students will think critically, analytically and synthetically

Title
Political Process, Theory, and Thought

Tags
184442, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title

Tags

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- POLI 200 - Political Inquiry

**Additional Comments:**

Recommended
Poli 150 or 250; 170 or 270; 328

Title
Political Process, Theory, and Thought

Tags
183796, 1

Learning Outcome
Students will gain a knowledge of countries and wars, theoretically and factually

Title
Critical Thinking and Analysis

Tags
183939, 3

Learning Outcome
Students will think critically, analytically, and synthetically.

Title
Effective and Professional Writing

Tags
184090, 1

Learning Outcome
Students will write professional research papers

Title

Tags

Effective Research and Analysis 184443, 2

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184444, 3

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184445, 4

Learning Outcome
Think critically, analytically, and synthetically.

Effective Oral Communication 184166, 2

Learning Outcome
Students will communicate effectively in a high quality oral presentation

Title
Political Process, Theory, and Thought

Tags
184211, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective and Professional Writing

Tags
184212, 2

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Tags
184213, 3

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Critical Thinking and Analysis

Tags
184214, 4

Learning Outcome
Think critically, analytically, and synthetically.

## POLI 491R - Center for the Study of Elections and Democracy - Lab

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
491R

**Teaching Area**
POLI

**Course Title**
Center for the Study of Elections and Democracy - Lab

**Course Description**
Discuss and critique emerging research. Propose, execute, present, and critique undergraduate research projects relevant to American elections and governance.

**Department**
Political Science

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance as CSED (Center for the Study of Elections and Democracy) fellow.

**Recommended**
None

## POLI 492R - Global Politics Lab

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
492R

**Teaching Area**
POLI

**Course Title**
Global Politics Lab

**Course Description**
Discuss and critique emerging research. Propose, execute, present, and critique undergraduate research projects relevant to global politics.

**Department**
Political Science

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Acceptance as GPL fellow.

## POLI 497R - Mentored Research

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
497R

**Teaching Area**
POLI

**Course Title**
Mentored Research

**Course Description**
Original research under the guidance of a faculty mentor. Proposals must be approved by the department curriculum coordinator.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- POLI 200 - Political Inquiry

**Additional Comments:**

**Title**
Mentored Research Project

**Tags**
184492, 1

**Learning Outcome**
Students will complete a mentored research project related to an area of political science.

## POLI 498R - Directed Readings

### Course Information

**Teaching Area (new)**
POLI

**Course Number**
498R

**Teaching Area**
POLI

**Course Title**
Directed Readings

**Course Description**
Students will read, evaluate, and critique literature related to a specific topic area in political science.

**Department**
Political Science

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Political science major status; senior status; department chair's and instructor's consent.

**Title**
Political Science Directed Readings

**Tags**
184495, 1

**Learning Outcome**
Students will read,evaluate, and critique literature related to a specific topic area in political science.

# POLSH 100 - Language Study: Polish

## Course Information

**Teaching Area (new)**
POLSH

**Course Number**
100

**Teaching Area**
POLSH

**Course Title**
Language Study: Polish

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Polish.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 197751, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 197752, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 197753, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

# POLSH 101 - First-Year Polish

## Course Information

**Teaching Area (new)**
POLSH

**Course Number**
101

**Teaching Area**
POLSH

**Course Title**
First-Year Polish

**Course Description**
Beginning speaking, listening, reading, and writing skills in Polish.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
|---|---|
| Culture | 193089, 3 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
|---|---|
| Writing | 193179, 2 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Comprehension | 193188, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 193224, 0 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

## POLSH 102 - First-Year Polish

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLSH | 102 |

**Teaching Area**
POLSH
**Course Title**
First-Year Polish
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Polish.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- POLSH 101 - First-Year Polish

## POLSH 201 - Second-Year Polish

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| POLSH | 201 |

**Teaching Area**
POLSH
**Course Title**
Second-Year Polish
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Polish.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- POLSH 102 - First-Year Polish

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 193074, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Culture | 193110, 3 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
|---|---|
| Writing | 193117, 2 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Speaking | 193207, 0 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Culture | 193102, 3 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

| Title | Tags |
|---|---|
| Elaboration | 193118, 0 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 193155, 1 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 193171, 2 |

**Learning Outcome**
Review and increase understanding of basic language structures.

## POLSH 202 - Second-Year Polish

### Course Information

**Teaching Area (new)**
POLSH
**Course Number**
202
**Teaching Area**
POLSH
**Course Title**
Second-Year Polish
**Course Description**
Continued emphasis on Polish communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**

## POLSH 211R - Second-Year Conversation

### Course Information

**Teaching Area (new)**
POLSH
**Course Number**
211R
**Teaching Area**
POLSH
**Course Title**
Second-Year Conversation
**Course Description**
Intermediate listening comprehension and speaking skills in Polish.
**Department**
Language Studies
**When Taught**
Contact Department

Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- POLSH 201 - Second-Year Polish

**Additional Comments:**

**Other Prerequisites**
Teacher may waive prerequisite based on prior experience.
**Note**
Culminating course for Languages of Learning requirement.

| Title | Tags |
|---|---|
| GE Languages of Learning | 192047, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

| Title | Tags |
|---|---|
| Comprehension | 193062, 1 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|

### Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- POLSH 201 - Second-Year Polish

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Survival Transactions | 193146, 1 |

**Learning Outcome**
Carry out “survival” transactions (shopping, getting directions, ordering meals, etc.)

| Title | Tags |
|---|---|
| Conversations | 193243, 0 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 194895, 2 |

**Learning Outcome**
Be understood by native speakers accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Communication skills | 193145, 0 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 193167, 2 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

## POLSH 305 - Language Skills Development: Polish

### Course Information

**Teaching Area (new)**
POLSH
**Course Number**
305
**Teaching Area**
POLSH
**Course Title**
Language Skills Development: Polish
**Course Description**
Increasing proficiency in one or more of the following Polish language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197748, 1 |

## POLSH 311R - Third-Year Conversation

### Course Information

**Teaching Area (new)**
POLSH
**Course Number**
311R
**Teaching Area**
POLSH
**Course Title**
Third-Year Conversation
**Course Description**
Advanced conversational skills in Polish.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- POLSH 211R - Second-Year Conversation

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197749, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197750, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Conversations | 193103, 0 |

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities and current events; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions

| Title | Tags |
|---|---|
| Strategies | 193172, 2 |

Learning Outcome
Apply appropriate strategies to deal with unpredictable language situations.

| Title | Tags |
|---|---|
| Organized Speech | 193185, 1 |

Learning Outcome
Begin to speak in "oral paragraphs."

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 193238, 3 |

Learning Outcome
Be understood by native speakers unaccustomed to dealing with non-native speakers.

## POLSH 321 - Advanced Grammar: Polish

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| POLSH | 321 |

**Teaching Area**
POLSH
**Course Title**
Advanced Grammar: Polish
**Course Description**
Systematic review of grammar and syntax of Polish.
**Department**
Language Studies
**When Taught**
Contact Department

## POLSH 330 - Cultural History of Poland

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| POLSH | 330 |

**Teaching Area**
POLSH
**Course Title**
Cultural History of Poland
**Course Description**
Study of Polish culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- POLSH 202 - Second-Year Polish

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197745, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197746, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197747, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
1

**Other Prerequisites**
Polsh 202 or foreign residence experience
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| General Education | 192046, 8 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

| Title | Tags |
| --- | --- |
| Comprehension | 193099, 3 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Communication Skills | 193140, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |

| | |
|---|---|
| Cultural Knowledge | 193203, 5 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

## POLSH 340 - Polish Literature Survey

### Course Information

**Teaching Area (new)**
POLSH
**Course Number**
340
**Teaching Area**
POLSH
**Course Title**
Polish Literature Survey
**Course Description**
Advanced study of Polish literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

## POLSH 350 - Advanced Language Study for Career Purposes: Polish

### Course Information

**Teaching Area (new)**
POLSH
**Course Number**
350
**Teaching Area**
POLSH
**Course Title**
Advanced Language Study for Career Purposes: Polish
**Course Description**
Concentration on Polish language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- POLSH 330 - Cultural History of Poland

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 193092, 0 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Language Skills | 193139, 3 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

| Title | Tags |
|---|---|
| Context | 193141, 2 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Key Characteristics | 193142, 1 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

Prerequisites

**Complete ALL of the following Courses:**

- POLSH 330 - Cultural History of Poland

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197740, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197741, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 197742, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 197743, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197744, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## PORT 101 - First-Year Portuguese

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
101

**Teaching Area**
PORT

**Course Title**
First-Year Portuguese

**Course Description**
Pronunciation, conversation, reading, and fundamentals of grammar. Specific attention to Portuguese as the language of Brazil.

**Department**
Spanish & Portuguese

**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Note**
Native Portuguese speakers and Portuguese-speaking returned missionaries enroll in Port 321.

| Title | Tags |
| --- | --- |
| Communicate verbally in routine situations | 199154, 1 |

**Learning Outcome**
Communicate verbally in routine situations such as greeting people and becoming acquainted.

| Title | Tags |
| --- | --- |
| Write short messages | 199188, 5 |

**Learning Outcome**
Write word- and sentence-length messages such as lists, biographical information on forms, and descriptions of people

## PORT 102 - First-Year Portuguese

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
102

**Teaching Area**
PORT

**Course Title**
First-Year Portuguese

**Course Description**
Pronunciation, conversation, reading, and fundamentals of grammar. Specific attention to Portuguese as the language of Brazil.

**Department**
Spanish & Portuguese

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Recommended**
Port 101.

**Note**
Native speakers of Portuguese must enroll in Port 321.

| Title | Tags |
| --- | --- |
| Identify cultural products, practices, and perspectives | 199250, 5 |

**Learning Outcome**
Identify basic cultural products, practices, and perspectives from Portuguese-speaking countries.

| Title | Tags |
| --- | --- |
| Understand simple conversations | 199252, 2 |

**Learning Outcome**
Understand simple conversations about some familiar, concrete topics such as daily activities, likes and dislikes, family, and

forms, and descriptions of people and things.

| Title | Tags |
| --- | --- |
| Understand simple conversations | 199553, 2 |

Learning Outcome
Understand the main ideas in simple conversations about some familiar, concrete topics such as daily activities, likes and dislikes, family, and home.

| Title | Tags |
| --- | --- |
| Read short texts | 199554, 4 |

Learning Outcome
Read short texts such as text messages, emails, posts on social media, and personal ads.

| Title | Tags |
| --- | --- |
| Identify basic facts about Lusophone countries | 199555, 6 |

Learning Outcome
Identify basic facts about some Portuguese-speaking countries.

likes and dislikes, family, and home.

| Title | Tags |
| --- | --- |
| Participate in short conversations | 199556, 1 |

Learning Outcome
Participate in short conversations about some familiar, concrete topics such as self, family, friends, and daily activities.

| Title | Tags |
| --- | --- |
| Read simple texts | 199557, 3 |

Learning Outcome
Read simple texts such as advertisements, travel brochures, and cultural explanations from the textbook.

| Title | Tags |
| --- | --- |
| Write short messages | 199558, 4 |

Learning Outcome
Write short messages such as letters and emails.

## PORT 105 - Portuguese for Spanish Speakers 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 105 |

**Teaching Area**
PORT
**Course Title**
Portuguese for Spanish Speakers 1
**Course Description**
Intensive course designed for students fluent in Spanish or another Romance language. No previous knowledge of Portuguese required. Emphasis on development of oral skills, vocaulary, grammar, and understanding of Lusophone cultures.
**Department**
Spanish & Portuguese
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
4

**Fixed**
4

## PORT 201 - Third-Semester Portuguese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 201 |

**Teaching Area**
PORT
**Course Title**
Third-Semester Portuguese
**Course Description**
Second-year grammar, reading, writing, and conversation.
**Department**
Spanish & Portuguese
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Note
For students with an extensive background in a Romance language. Note: Native Portuguese speakers and Portuguese-speaking returned missionaries CANNOT take this course.

| Title | Tags |
| --- | --- |
| Explain cultural aspects | 199298, 6 |

Learning Outcome
Know basic facts about some Portuguese-speaking countries and identify cultural products, practices, and perspectives from these countries.

| Title | Tags |
| --- | --- |
| Differentiate between Spanish and Portuguese | 199299, 7 |

Learning Outcome
Differentiate between basic Spanish and Portuguese grammar, vocabulary, and spelling conventions.

| Title | Tags |
| --- | --- |
| Understand spoken Portuguese | 199300, 2 |

Learning Outcome
Understand conversations and monologues in spoken Brazilian Portuguese on familiar topics.

| Title | Tags |
| --- | --- |
| Participate in conversations | 199569, 1 |

Learning Outcome
Participate fully in conversations by asking and answering questions about some familiar, concrete topics such as self, family, friends, and daily activities.

| Title | Tags |
| --- | --- |
| Read short authentic texts | 199623, 3 |

Fixed
5

### Lab Hours

Fixed
0

Other Prerequisites
Port 102 or three units of high school Portuguese.
Note
Native Portuguese speakers and Portuguese-speaking returned missionaries enroll in Port 321.

| Title | Tags |
| --- | --- |
| Converse about concrete topics | 199559, 0 |

Learning Outcome
Participate fully in conversations about concrete topics such as self and others, work, and school.

| Title | Tags |
| --- | --- |
| Handle straightforward transactional situations | 199560, 1 |

Learning Outcome
Handle straightforward transactional situations such as requesting services or making reservations.

| Title | Tags |
| --- | --- |
| Understand spoken texts | 199561, 4 |

Learning Outcome
Understand the main ideas from audio and video texts, such as commercials and news broadcasts, on familiar topics.

| Title | Tags |
| --- | --- |
| Read short journalistic and literary texts | 199562, 5 |

Learning Outcome
Read short journalistic and literary texts, such as articles and cronicas, on familiar topics.

| Title | Tags |
| --- | --- |
| Write short compositions | 199563, 6 |

Learning Outcome
Write short, simple compositions in a variety of genres (stories, résumés, skits, etc.)

Learning Outcome
Read short authentic texts, including informative texts, news articles, and short stories.

| Title | Tags |
| --- | --- |
| Write short texts | 199624, 4 |

Learning Outcome
Write short texts such as biographical information, correspondence, and personal experiences.

| Title | Tags |
| --- | --- |
| Create with language | 199625, 5 |

Learning Outcome
Create sentences in the past, present, and future using basic grammar rules and vocabulary with reasonable accuracy.

| Title | Tags |
| --- | --- |
| Discuss cultural norms | 199564, 8 |

Learning Outcome
Discuss some differences between the cultural norms of Americans and Portuguese speakers.

## PORT 202 - Fourth-Semester Portuguese: Reading and Comprehension

### Course Information

Teaching Area (new)
PORT
Course Number
202
Teaching Area
PORT
Course Title
Fourth-Semester Portuguese: Reading and Comprehension
Course Description
Fourth-semester class introducing grammar and culture through study of literature.
Department
Spanish & Portuguese
When Taught
Winter

### Credit Hours

Min
4
Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

## PORT 205 - Portuguese for Spanish Speakers 2

### Course Information

Teaching Area (new)
PORT
Course Number
205
Teaching Area
PORT
Course Title
Portuguese for Spanish Speakers 2
Course Description
Intensive course designed for students fluent in Spanish or another Romance language. Emphasizes development of reading and writing skills and understanding of Lusophone literary works and cultures.
Department
Spanish & Portuguese
When Taught
Fall, Winter, Summer

### Credit Hours

Min
4
Fixed
4

### Lecture Hours

Fixed
4

**Lab Hours**

**Fixed**
0

**Recommended**
Port 201.
**Note**
Not for returned missionaries. Culmination of GE Mathematics/Foreign Language requirement. Native speakers of Portuguese must take Port 321.

| Title | Tags |
| --- | --- |
| Write short compositions | 199179, 5 |

**Learning Outcome**
Write simple compositions in a variety of genres (letters, pamphlets, articles, short stories, etc.).

| Title | Tags |
| --- | --- |
| Converse about topics of general interest | 199565, 0 |

**Learning Outcome**
Converst about some topics of general interest and tell about some past experiences.

| Title | Tags |
| --- | --- |
| Handle some situations with a complication | 199566, 1 |

**Learning Outcome**
Handle some situations with an unforeseen complication, such as resolving disagreements or customer complaints.

| Title | Tags |
| --- | --- |
| Discuss cultural differences | 199567, 7 |

**Learning Outcome**
Discuss some differences between the U.S. and Portuguese-speaking countries in terms of cultural products, practices, and perspectives.

| Title | Tags |
| --- | --- |
| Understand audio and video texts | 199568, 3 |

**Learning Outcome**
Understand the main ideas and some details from authentic audio and video texts on cultural topics from Portuguese-speaking cultures, such as TV and radio programs and films.

**Lab Hours**

**Fixed**
0

**Recommended**
Port 105.

| Title | Tags |
| --- | --- |
| Write short compositions | 199301, 5 |

**Learning Outcome**
Write short compositions in a variety of genres (letters, skits, short stories, etc.).

| Title | Tags |
| --- | --- |
| Discuss cultural themes and compare perspectives | 199302, 7 |

**Learning Outcome**
Discuss some common themes from Portuguese-speaking cultures and the differences between the perspectives of these cultures and those of North American and Hispanic cultures.

| Title | Tags |
| --- | --- |
| Converse about topics of general interest | 199303, 1 |

**Learning Outcome**
Carry on conversations about an increasing range of topics of general interest and handle some oral situations in which a complication arises (resolving disagreements, traffic violations, etc.).

| Title | Tags |
| --- | --- |
| Understand spoken Portuguese | 199304, 3 |

**Learning Outcome**
Understand oral conversations, announcements, and media reports about topics of general interest.

| Title | Tags |
| --- | --- |
| Use language with increasing accuracy | 199626, 6 |

**Learning Outcome**
Use Portuguese grammar and vocabulary with increasing accuracy and ability to differentiate from Spanish.

| Title | Tags |
| --- | --- |
| Analyze medium-length cultural texts | 199717, 4 |

Learning Outcome
Understand and analyze medium-length journalistic and literary texts within their cultural and historical context.

| Title | Tags |
| --- | --- |
| Read journalistic and literary texts | 199627, 4 |

Learning Outcome
Read journalistic and literary texts on familiar topics and current events, including short stories and a full-length play.

## PORT 206 - Intensive Portuguese Skills Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 206 |

Teaching Area
PORT
Course Title
Intensive Portuguese Skills Development
Course Description
Intensive development of oral and literacy skills at the Intermediate High to Advanced Low level, with emphasis on improving grammatical accuracy, fluency, and cultural competence. Intended to prepare students for Port 321 and subsequent courses.
Department
Spanish & Portuguese
When Taught
Fall and Winter

#### Credit Hours

Min
4

Fixed
4

#### Lecture Hours

Fixed
5

#### Lab Hours

Fixed
0

Other Prerequisites
Port 202 or Port 205 or equivalent experience.

| Title | Tags |
| --- | --- |
| Write compositions to meet academic needs | 199641, 3 |

Learning Outcome
Write short compositions and a

## PORT 211R - Portuguese Conversation at the Intermediate Level

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 211R |

Teaching Area
PORT
Course Title
Portuguese Conversation at the Intermediate Level
Course Description
Development of interpersonal and presentational speaking skills in Portuguese at the ACTFL Intermediate Low to Intermediate Mid level.
Department
Spanish & Portuguese
When Taught
Fall and Winter

#### Credit Hours

Min
2

Fixed
2

#### Lecture Hours

Fixed
2

#### Lab Hours

Fixed
1

Recommended
Concurrent enrollment in Port 201

| Title | Tags |
| --- | --- |
| Presentational Communication | 210518, 0, 2 |

Learning Outcome
Give prepared, rehearsed presentations on a variety of familiar topics and some pre-researched topics, using

research paper with sufficient grammatical accuracy to meet academic needs in higher-level courses.

| Title | Tags |
| --- | --- |
| Communicate at the Intermediate High to Advanced Low level | 199645, 1 |

**Learning Outcome**
Demonstrate proficiency in Portuguese at the Intermediate High to Advanced Low level, as defined by the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines for speaking, listening, reading, and writing.

| Title | Tags |
| --- | --- |
| Analyze and interpret oral and written texts | 199646, 2 |

**Learning Outcome**
Analyze and interpret a selection of oral and written texts from Portuguese-speaking countries, including films, short stories, and journalistic articles, within their historical and cultural context.

sentences and series of connected sentences.

| Title | Tags |
| --- | --- |
| Interpersonal Communication | 210517, 0, 1 |

**Learning Outcome**
Request and provide information in conversations on familiar topics by creating simple sentences and asking appropriate follow-up questions.

| Title | Tags |
| --- | --- |
| Interpersonal communication | 199428, 1 |

**Learning Outcome**
Request and provide information in conversations on familiar topics by creating simple sentences and asking appropriate follow-up questions.

| Title | Tags |
| --- | --- |
| Presentational communication | 199431, 2 |

**Learning Outcome**
Give prepared, rehearsed presentations on a variety of familiar topics and some pre-researched topics, using sentences and series of connected sentences.

## PORT 212 - Second-Semester Conversation

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
212
**Teaching Area**
PORT
**Course Title**
Second-Semester Conversation
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

## PORT 311R - Portuguese Conversation at the Advanced Level

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
311R
**Teaching Area**
PORT
**Course Title**
Portuguese Conversation at the Advanced Level
**Course Description**
Development of interpersonal and presentational speaking skills in Portuguese at the Advanced Low to Advanced Mid level. Not for native speakers.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Course to be deleted | 199432, 0, 1 |

Learning Outcome
This course was submitted for retirement in Fall 2015.

1

Fixed
2

### Lecture Hours

Fixed
2

Note
Will not count for major or minor.

| Title | Tags |
| --- | --- |
| Interpersonal Communication | 210519, 0, 1 |

Learning Outcome
Exchange information and ideas in discussions on a variety of familiar and concrete academic and social topics and across major time frames.

| Title | Tags |
| --- | --- |
| Presentational Communication | 210520, 0, 2 |

Learning Outcome
Deliver presentations on a variety of concrete academic, social and professional topics of interest, using organized paragraphs across major time frames.

| Title | Tags |
| --- | --- |
| Interpersonal communication | 199433, 0 |

Learning Outcome
Exchange information and ideas in discussions on a variety of familiar and concrete academic and social topics and across major time frames.

| Title | Tags |
| --- | --- |
| Presentational communication | 199434, 1 |

Learning Outcome
Deliver presentations on a variety of concrete academic, social and professional topics of interest, using organized paragraphs across major time frames.

## PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

## PORT 322 - Third-Year Portuguese Grammar and Composition

## Grammar, and Culture

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
321

**Teaching Area**
PORT

**Course Title**
Third-Year Portuguese Reading, Grammar, and Culture

**Course Description**
Intensive study and practice with Portuguese grammar and vocabulary, in the context of cultural and literary readings.

**Department**
Spanish & Portuguese

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Minimum of one year in a Portuguese-speaking mission or equivalent language immersion experience, or course work through PORT 206 or equivalent. Intermediate High to Advanced Low proficiency expected. See department website for more information.

**Title**
Analyze literary works

**Tags**
199711, 0, 2

**Learning Outcome**
Identify and analyze a selection of literary works in Portuguese.

**Title**
Demonstrate linguistic proficiency

**Tags**
199459, 0, 1

**Learning Outcome**
Demonstrate skills characteristic of the Advanced proficiency level (as defined by the ACTFL Proficiency Guidelines) in presentational, interpretive, and interpersonal communication.

## Grammar and Composition

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
322

**Teaching Area**
PORT

**Course Title**
Third-Year Portuguese Grammar and Composition

**Course Description**
Development of presentational writing and speaking skills at the ACTFL Advanced level, with emphasis on writing processes and strategies.

**Department**
Spanish & Portuguese

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

**Title**
Write argumentative essays

**Tags**
199379, 1

**Learning Outcome**
Write argumentative essays analyzing specific texts or topics, introducing a clear thesis and developing arguments to support the thesis using valid reasoning and sufficient evidence.

**Title**

**Tags**

| Title | Tags |
| --- | --- |
| Demonstrate understanding of Lusophone cultures | 199707, 0, 3 |

**Learning Outcome**
Identify and describe cultural themes and topics from a variety of regions and peoples from the Portuguese-speaking world.

| Title | Tags |
| --- | --- |
| Develop linguistic self-awareness | 199710, 0, 4 |

**Learning Outcome**
Assess areas of strength and weakness in their Portuguese skills and identify specific areas for improvement.

Write expository research papers 199380, 2

**Learning Outcome**
Write expository research papers that gather and synthesize information from multiple sources, develop and support the topic with well-chosen facts and examples, and organize ideas to make important connections and distinctions.

| Title | Tags |
| --- | --- |
| Apply writing conventions | 199381, 4 |

**Learning Outcome**
Apply writing conventions from appropriate style guides (e.g., MLA, APA, Chicago, etc.) in composing papers and citing references.

| Title | Tags |
| --- | --- |
| Apply writing strategies and processes | 199460, 3 |

**Learning Outcome**
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

| Title | Tags |
| --- | --- |
| Give oral presentations | 199588, 5 |

**Learning Outcome**
Effectively deliver formal oral presentations that are tailored to a specific audience, making use of appropriate presentational media.

| Title | Tags |
| --- | --- |
| Convey meaning accurately | 199589, 6 |

**Learning Outcome**
Convey meaning orally and in writing using a register and level of grammatical accuracy appropriate for academic and professional audiences.

## PORT 323A - Portuguese for Medical Professions

### Course Information

## PORT 323B - Portuguese for Business Professions

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
323A

**Teaching Area**
PORT

**Course Title**
Portuguese for Medical Professions

**Course Description**
Introduction to medical terminology as used in oral and written professional contexts, with special emphasis on developing professional writing skills.

**Department**
Spanish & Portuguese

**When Taught**
Winter

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Acquire specialized vocabulary | 211731, 0, 1 |

**Learning Outcome**
Acquire specialized Portuguese vocabulary related to health care professions.

| Title | Tags |
|---|---|
| Read authentic documents | 211732, 0, 2 |

**Learning Outcome**
Read and interpret authentic documents and informative texts related to medical care.

**Teaching Area (new)**
PORT

**Course Number**
323B

**Teaching Area**
PORT

**Course Title**
Portuguese for Business Professions

**Course Description**
Introduction to business terminology as used in oral and written professional contexts, with special emphasis on developing professional writing skills.

**Department**
Spanish & Portuguese

**When Taught**
Fall

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Acquire specialized vocabulary | 211743, 0, 1 |

**Learning Outcome**
Acquire specialized Spanish vocabulary related to business professions.

| Title | Tags |
|---|---|
| Read authentic documents | 211744, 0, 2 |

**Learning Outcome**
Read and interpret authentic documents and informative texts related to business professions.

related to medical care.

related to business professions.

| Title | Tags |
| --- | --- |
| Compose written documents | 211733, 0, 3 |

**Learning Outcome**
Compose written documents related to the field of health care, such as correspondence, reports, or case studies, incorporating protocols and a level of accuracy appropriate for a professional audience.

| Title | Tags |
| --- | --- |
| Compose written documents | 211745, 0, 3 |

**Learning Outcome**
Compose written documents related to the field of business, such as correspondence, reports, or case studies, incorporating protocols and a level of accuracy appropriate for a professional audience.

| Title | Tags |
| --- | --- |
| Apply writing strategies and processes | 211734, 0, 4 |

**Learning Outcome**
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

| Title | Tags |
| --- | --- |
| Apply writing strategies and processes | 211746, 0, 4 |

**Learning Outcome**
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

| Title | Tags |
| --- | --- |
| Demonstrate intercultural awareness | 211735, 0, 5 |

**Learning Outcome**
Demonstrate awareness of cultural issues involved in working with Portuguese speakers, such as their economic and political realities, social and professional practices, and cultural beliefs and values.

| Title | Tags |
| --- | --- |
| Demonstrate intercultural awareness | 211747, 0, 5 |

**Learning Outcome**
Demonstrate awareness of cultural issues involved in working with Portuguese speakers, such as their economic and political realities, social and professional practices, and cultural beliefs and values.

| Title | Tags |
| --- | --- |
| Apply professional skills | 211736, 0, 6 |

**Learning Outcome**
Demonstrate practical application of professional skills by researching job opportunities, observing, or volunteering in the field of health care.

| Title | Tags |
| --- | --- |
| Apply professional skills | 211748, 0, 6 |

**Learning Outcome**
Demonstrate practical application of professional skills by researching job opportunities, observing, or volunteering in the field of business.

## PORT 325 - Survey of Luso-Brazilian Linguistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 325 |

**Teaching Area**
PORT

**Course Title**

## PORT 326 - Portuguese Phonetics and Pronunciation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 326 |

**Teaching Area**
PORT

**Course Title**

**Course Title**
Survey of Luso-Brazilian Linguistics
**Course Description**
Introduction to linguistics of Portuguese: phonetics, phonology, morphology, syntax, semantics, history of the Portuguese language, philology, dialectology, sociolinguistics, and psycholinguistics.
**Department**
Spanish & Portuguese
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Explain general principles of linguistics | 199385, 1 |

**Learning Outcome**
Identify and explain the foundational concepts of linguistics.

| Title | Tags |
|---|---|
| Describe major subfields of linguistics | 199386, 2 |

**Learning Outcome**
Describe elements of the sound system, the structure of words and sentences, and the semantic properties of Portuguese.

**Course Title**
Portuguese Phonetics and Pronunciation
**Course Description**
Underlying concepts of Portuguese speech production and applications to pronunciation.
**Department**
Spanish & Portuguese
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Describe articulatory phonetics | 199392, 1 |

**Learning Outcome**
Describe the physiology of sound production and how the sounds of Portuguese are articulated.

| Title | Tags |
|---|---|
| Analyze structure of Portuguese sound system | 199393, 2 |

**Learning Outcome**
Explain and analyze the principles underlying the Portuguese sound system and the relationships among its basic units.

| Title | Tags |
| --- | --- |
| Relate linguistic principles to language variation | 199387, 3 |

**Learning Outcome**
Relate basic principles of linguistics and knowledge of its major subfields to how language varies socially, geographically, and temporally.

| Title | Tags |
| --- | --- |
| Transcribe texts phonetically | 199394, 3 |

**Learning Outcome**
Transcribe phonetically both oral and written texts in Portuguese.

| Title | Tags |
| --- | --- |
| Improve Portuguese pronunciation | 199395, 4 |

**Learning Outcome**
Demonstrate improvement in the pronunciation of Portuguese.

## PORT 330 - Introduction to Portuguese and Brazilian Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 330 |

**Teaching Area**
PORT
**Course Title**
Introduction to Portuguese and Brazilian Literature
**Course Description**
Readings in modern literature; formal literary analysis.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## PORT 341 - Survey of Literature of Portugal

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 341 |

**Teaching Area**
PORT
**Course Title**
Survey of Literature of Portugal
**Course Description**
Literary periods, genres, and great writers of Portugal.
**Department**
Spanish & Portuguese
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

Prerequisites

**Complete ALL of the following Courses:**

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Describe literary genres | 199417, 1 |

**Learning Outcome**
Describe and analyze the most salient elements of key literary genres including poetry, prose, and theater.

| Title | Tags |
|---|---|
| Apply tools of literary interpretation | 199418, 2 |

**Learning Outcome**
Apply fundamental tools of literary interpretation through reading, writing, and the discussion of a balanced selection of works from the Portuguese-speaking world.

| Title | Tags |
|---|---|
| Write about literature | 199419, 3 |

**Learning Outcome**
Write in Portuguese about literature with a reasonable degree of grammatical correctness and fluency.

**Complete ALL of the following Courses:**

- PORT 330 - Introduction to Portuguese and Brazilian Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Interpret texts | 199420, 1 |

**Learning Outcome**
Formulate interpretations of literary texts that take into account their socio-historical and aesthetic contexts.

| Title | Tags |
|---|---|
| Write interpretive/research papers | 199423, 3 |

**Learning Outcome**
Write cogent, persuasive, and grammatically correct interpretive essays that demonstrate competence in library research skills and the appropiate use of secondary sources.

| Title | Tags |
|---|---|
| Differentiate among contexts | 199464, 2 |

**Learning Outcome**
Define and differentiate among periods, representative authors, schools, movements, ideological trends, and the historical contexts of Portuguese literature.

## PORT 345 - Cultures of Portugal

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PORT | 345 |

**Teaching Area**
PORT
**Course Title**
Cultures of Portugal
**Course Description**
Culture, history, art, music, and traditions of Portugal.
**Department**
Spanish & Portuguese
**When Taught**
Fall

### Credit Hours

Min

## PORT 351 - Survey of Literature of Brazil

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PORT | 351 |

**Teaching Area**
PORT
**Course Title**
Survey of Literature of Brazil
**Course Description**
Literary periods, genres, and great writers of Brazil.
**Department**
Spanish & Portuguese
**When Taught**
Fall

### Credit Hours

Min

3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Describe geographic regions | 199353, 1 |

**Learning Outcome**
Students will be able to describe the principal geographic regions, that might include topological features, important cities, etc.

| Title | Tags |
|---|---|
| Analyze historical periods and current events | 199354, 2 |

**Learning Outcome**
Describe and analyze historical periods and current events (e.g., political, social, artistic, and religious developments).

| Title | Tags |
|---|---|
| Describe cultural products, institutions, and practices | 199355, 3 |

**Learning Outcome**
Recognize and describe important cultural products (e.g., art, literature, architecture, and music, including important works and individuals), cultural institutions, and cultural practices.

3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PORT 330 - Introduction to Portuguese and Brazilian Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Interpret texts | 199421, 1 |

**Learning Outcome**
Formulate interpretations of literary texts that take into account their socio-historical and aesthetic contexts.

| Title | Tags |
|---|---|
| Write persuasive/research papers | 199422, 3 |

**Learning Outcome**
Write cogent, persuasive, and grammatically correct interpretive essays that demonstrate competence in library research skills and the appropiate use of secondary sources.

| Title | Tags |
|---|---|
| Differentiate among contexts | 199465, 2 |

**Learning Outcome**
Define and differentiate among periods, representative authors, schools, movements, ideological trends, and the historical contexts of Brazilian literature

Brazilian literature.

| Title | Tags |
| --- | --- |
| Discuss influence of own culture | 199356, 4 |

**Learning Outcome**
By comparison, recognize and discuss the influence of their own cultural background on their attitudes, beliefs, and worldview.

| Title | Tags |
| --- | --- |
| Conduct research | 199357, 5 |

**Learning Outcome**
Engage in research that demonstrate an advanced awareness of cultural and historical knowledge.

## PORT 355 - Cultures of Brazil

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 355 |

**Teaching Area**
PORT
**Course Title**
Cultures of Brazil
**Course Description**
Culture, history, art, music, and traditions of Brazil.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

## PORT 360 - Introduction to Translation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 360 |

**Teaching Area**
PORT
**Course Title**
Introduction to Translation
**Course Description**
Readings, individual research projects, and group translation activities. How the translation profession works. Developing the ability to translate general financial and legal texts. Learning to read texts critically.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

**Title**
Analyze historical periods and current events

**Tags**
199358, 2

**Learning Outcome**
Describe and analyze historical periods and current events (e.g., political, social, artistic, and religious developments).

**Title**
Discuss influence of cultural background

**Tags**
199359, 4

**Learning Outcome**
By comparison, recognize and discuss the influence of their own cultural background on their attitudes, beliefs, and worldview.

**Title**
Describe cultural products, institutions, and practices

**Tags**
199360, 3

**Learning Outcome**
Recognize and describe important cultural products (e.g., art, literature, architecture, and music, including important works and individuals), cultural institutions, and cultural practices.

**Title**
Conduct research

**Tags**
199361, 5

**Learning Outcome**
Engage in research that demonstrate an advanced awareness of cultural and historical knowledge.

**Title**
Describe geographic regions

**Tags**
199362, 1

**Learning Outcome**
Describe the principal

0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

**Title**
Professional level translations

**Tags**
199202, 1

**Learning Outcome**
Students will produce, after several edited iterations, a legible translation of a professional treatise or work of fiction, appropriate to the social register of their audience.

**Title**
Vocabulary development

**Tags**
199226, 0

**Learning Outcome**
Students will produce a log of their own malapropisms and false cognates (minimum 100 words or conjugational parts).

geographic regions, that might include topological features, important cities, etc.

## PORT 377 - Methods of Portuguese Teaching

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
377
**Teaching Area**
PORT
**Course Title**
Methods of Portuguese Teaching
**Course Description**
Methods for planning Portuguese language and culture instruction, teaching communicative skills, and assessing students' learning. Course is geared toward instructors at K-12 as well as university level.
**Department**
Spanish & Portuguese
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|

## PORT 395R - Contemporary Culture

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
395R
**Teaching Area**
PORT
**Course Title**
Contemporary Culture
**Course Description**
Contemporary Portuguese or Brazilian culture: the people and their customs and institutions.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5
**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Note**
For Study Abroad programs only.

| Title | Tags |
|---|---|
| Macro-Cultural Competence | 199039, 1 |

**Learning Outcome**
Through readings, develop a familiarity with macro forces (historical, political, economical) that have shaped the host culture.

| Title | Tags |
|---|---|
| Micro-Cultural Competence | 199040, 2 |

**Learning Outcome**
Through a series of cultural

Select and evaluate textbooks 199274, 2

**Learning Outcome**

Select and evaluate textbooks for teaching Portuguese.

**Title** Discuss historical trends in methodologies
**Tags** 199592, 1

**Learning Outcome**

Discuss historical trends and methodologies in the teaching of foreign languages.

**Title** Differentiate instruction
**Tags** 199593, 4

**Learning Outcome**

Differentiate instruction to meet the needs of diverse students, including Spanish speakers.

**Title** Plan and implement instruction
**Tags** 199594, 3

**Learning Outcome**

Plan and implement units and lessons incorporating the *World-Readiness Standards for Learning Languages,* as well as grammar and vocabulary, in a thematic context

**Title** Create and adapt assessments
**Tags** 199595, 5

**Learning Outcome**

Create and adapt formative and summative assessments, including tests, project, rubrics and portfolios, to assess language and culture learning and to inform instruction

**Title** Apply technological tools
**Tags** 199596, 6

**Learning Outcome**

Apply technological tools for teaching languages and cultures, as well as for collaborating with colleagues in professional communities.

proofs (visits, interviews, observations), develop a familiarity with the host culture at the level of the individual.

## PORT 399R - Academic Internship: Portuguese Language Field Experience

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
399R

**Teaching Area**
PORT

**Course Title**
Academic Internship: Portuguese Language Field Experience

**Course Description**
On-the-job experience.

**Department**
Spanish & Portuguese

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
6

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Program coordinator's consent

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags | Learning Outcome |
|---|---|---|
| Professional Competencies | 199325, 0, 0 | Students will be able to identify, through evidence-based narrative, key professional competencies in context. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Reflection | 209550, 0, 1 | Students will be able to translate the value of professional development experience through guided reflection |

## PORT 429R - Special Topics in Portuguese Linguistics

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
429R

**Teaching Area**
PORT

**Course Title**
Special Topics in Portuguese Linguistics

**Course Description**
Course content varies yearly; focuses on specific area of linguistics such as dialectology or sociolinguistics.

**Department**
Spanish & Portuguese

**When Taught**
Winter Odd Yrs..

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture
  **AND** PORT 325 - Survey of Luso-Brazilian Linguistics

Prerequisites

**Complete ALL of the following Courses:**
- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture
  **AND** PORT 326 - Portuguese Phonetics and Pronunciation

through guided reflection activites in order to tell their story.

**Additional Comments:**

| Title | Tags |
|---|---|
| Read and analyze research | 210503, 0, 1, 2020-10-13 12:18:41 |

**Learning Outcome**
Read and analyze research articles related to special topic.

| Title | Tags |
|---|---|
| Prepare a research paper/project | 210504, 0, 2, 2020-10-13 12:18:41 |

**Learning Outcome**
Produce an original research paper/project centered on the theme of the seminar.

## PORT 431R - African Literature in Portuguese

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
431R
**Teaching Area**
PORT
**Course Title**
African Literature in Portuguese
**Course Description**
Modern authors from the five African nations whose official language is Portuguese: Angola, Cabo Verde, Guine Bissau, Mozambique, and the two-island republic Sao Tome and Principe. Authors include Jose Craveirinha, Mia Couto, Noemia de Sousa, Jose Tenreiro, Castro Soromenho, Luandino Vieira, Pepetala, and Baltasar Lopes, among others.
**Department**
Spanish & Portuguese
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

## PORT 437R - Women Writers in Portuguese

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
437R
**Teaching Area**
PORT
**Course Title**
Women Writers in Portuguese
**Course Description**
Readings and research about women writers in Portuguese and their texts.
**Department**
Spanish & Portuguese
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**

0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PORT 330 - Introduction to Portuguese and Brazilian Literature

**Additional Comments:**

**Title**
Aesthetic Constructs, Genres, and Context

**Tags**
199058, 0, 1, 2020-10-13 12:19:04

**Learning Outcome**
Recognize aesthetic constructs, genre differences and similarities, ideological trends, and historical contexts.

**Title**
Literary Study Skills

**Tags**
199059, 0, 3, 2020-10-13 12:19:04

**Learning Outcome**
Develop the habits and skills for Luso-African literary study that inspire continued learning.

**Title**
Research

**Tags**
199060, 0, 5, 2020-10-13 12:19:04

**Learning Outcome**
Write essays in Portuguese, including one final research paper, that demonstrate an advanced knowledge of the use of language and literary criticism.

**Title**
Literary Analysis

**Tags**
199061, 0, 6, 2020-10-13 12:19:04

**Learning Outcome**
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to Luso-African literary texts.

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PORT 330 - Introduction to Portuguese and Brazilian Literature

**Additional Comments:**

**Title**
Identify key women authors and texts

**Tags**
207051, 1

**Learning Outcome**
Identify key women authors who write in Portuguese and describe the significance of some of their texts.

**Title**
Critically read and analyze texts

**Tags**
207052, 2

**Learning Outcome**
Critically read women-authored texts and analyze them within their cultural and literary contexts.

**Title**
Identify cultural issues affecting women writers

**Tags**
207053, 3

**Learning Outcome**
Identify specific cultural practices from the Portuguese-speaking world that have impinged on women writers and their texts.

**Title**
Engage in self-reflection

**Tags**
207074, 5

**Learning Outcome**
Articulate the ways in which cultural practices related to gender have affected their own lives.

**Title**
Discuss critical questions in relation to women writers

**Tags**
207075, 4

**Learning Outcome**
Identify major questions in the current critical discourse related to women writers and engage those questions in relation to specific woman-authored text(s) in competent written essays.

## PORT 438 - Luso-Brazilian Cinema

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
438
**Teaching Area**
PORT
**Course Title**
Luso-Brazilian Cinema
**Course Description**
Introduction to study of film; background in appreciating the best of motion picture art in Brazil, Portugal and other Lusophone countries.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PORT 330 - Introduction to Portuguese and Brazilian Literature

**Additional Comments:**

**Title**
Apply tools of film analysis
**Tags**
199411, 1
**Learning Outcome**
Demonstrate a mastery of basic tools of film analysis through the study of a variety of films from various film industries from Portugal and/or Brazil.

## PORT 439R - Luso-Brazilian Theatre Production

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
439R
**Teaching Area**
PORT
**Course Title**
Luso-Brazilian Theatre Production
**Course Description**
Theory and practice of dramatic performance. Includes participation in play to be performed during semester.
**Department**
Spanish & Portuguese
**When Taught**
Winter.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
No more than 3 hours of 439R credit may count toward any degree.

**Title**
Demonstrate understanding of dramatic theory and practice
**Tags**
199468, 2
**Learning Outcome**
Demonstrate understanding of the theory and practice of dramatic performances.

**Title**
Participate in production of a play
**Tags**
199469, 3
**Learning Outcome**
Participate in the production of a play during the course of the semester.

Portugal and/or Brazil

| Title | Tags |
| --- | --- |
| Recognize film history | 199412, 2 |

**Learning Outcome**
Recognize key moments and figures of film industries of Portugal and/or Brazil

| Title | Tags |
| --- | --- |
| Write persuasive essays | 199413, 3 |

**Learning Outcome**
Write cogent, persuasive essays using the tools of film analysis.

semester.

| Title | Tags |
| --- | --- |
| Develop research and writing skills | 199472, 5 |

**Learning Outcome**
Develop advanced skills in researching and writing about theatre.

## PORT 442 - Camoes

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
442
**Teaching Area**
PORT
**Course Title**
Camoes
**Course Description**
Critical study of the works of Portuguese poet Luis Vaz de Camoes.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## PORT 447R - Special Topics in Cultures of Portugal

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
447R
**Teaching Area**
PORT
**Course Title**
Special Topics in Cultures of Portugal
**Course Description**
An in-depth examination of some aspect of Iberian culture and civilization. Subject matter will vary. This course is recommended for those individuals who may already have a broad exposure to the culture and civilization of Portugal and/or those who desire a more focused experience.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

Prerequisites

**Complete ALL of the following Courses:**

- PORT 330 - Introduction to Portuguese and Brazilian Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Portuguese Literary History | 199041, 1 |

**Learning Outcome**
Demonstrate thorough understanding of Portuguese literary history, the context for the work of Camões and its reception.

| Title | Tags |
|---|---|
| Critical Practice | 199042, 3 |

**Learning Outcome**
Demonstrate ability to apply key terms in critical practice (e.g., practical criticism, structural analysis, hermeneutics, etc.)

| Title | Tags |
|---|---|
| Advanced Research and Writing | 199043, 5 |

**Learning Outcome**
Develop advanced skills in research techniques and academic writing.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Identify, describe, and discuss cultural aspects | 199492, 0, 1, 2020-10-13 12:18:28 |

**Learning Outcome**
Identify, describe, and discuss aspects of a specific culture or non-literary cultural topic or theme.

| Title | Tags |
|---|---|
| Critically analyze cultural products and practices | 199493, 0, 2, 2020-10-13 12:18:28 |

**Learning Outcome**
Critically analyze cultural products and practices in their historical and social contexts from the perspectives of members of the culture.

| Title | Tags |
|---|---|
| Conduct cultural research | 199494, 0, 3, 2020-10-13 12:18:28 |

**Learning Outcome**
Conduct research on a particular cultural topic and formally present the results in oral presentations or written papers.

## PORT 449R - Special Topics in Portuguese Literature

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
449R
**Teaching Area**
PORT
**Course Title**
Special Topics in Portuguese Literature
**Course Description**
Specific topics in Portuguese (Peninsular) literature. Course content will vary each semester to offer optimum exposure to all areas of Portuguese literature.

## PORT 452 - Machado de Assis

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
452
**Teaching Area**
PORT
**Course Title**
Machado de Assis
**Course Description**
Critical study of the works of Brazilian author Joaquim Maria Machado de Assis.
**Department**
Spanish & Portuguese
**When Taught**

**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PORT 330 - Introduction to Portuguese and Brazilian Literature

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Aesthetic Constructs, Genres, and Context | 199044, 1 |

**Learning Outcome**
Recognize aesthetic constructs, genre differences and similarities, ideological trends, and historical contexts.

| Title | Tags |
| --- | --- |
| Research | 199045, 3 |

**Learning Outcome**
Write essays in Portuguese, including one final research paper, that demonstrate an advanced knowledge of the use of language and literary criticism.

| Title | Tags |
| --- | --- |
| Literary Study Skills | 199046, 4 |

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PORT 330 - Introduction to Portuguese and Brazilian Literature

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Brazilian Literary History and Machado de Assis | 199048, 2 |

**Learning Outcome**
Demonstrate thorough understanding of Brazilian literary history, the cultural context for the work of Machado de Assis, and the reception of Machado's work.

| Title | Tags |
| --- | --- |
| Critical Practice | 199049, 4 |

**Learning Outcome**
Demonstrate ability to apply key terms in critical practice (e.g., practical criticism, structural analysis, hermeneutics, etc.).

| Title | Tags |
| --- | --- |
| Advanced Research and Writing | 199050, 6 |

**Learning Outcome**
Develop advanced skills in

Learning Outcome
Develop the habits and skills for Portuguese literary study that inspire continued learning.

| Title | Tags |
| --- | --- |
| Literary Analysis | 199047, 6 |

Learning Outcome
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to Portuguese Literature special topics.

Develop advanced skills in research techniques and academic writing.

## PORT 453 - Twentieth-Century Brazilian Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 453 |

Teaching Area
PORT
Course Title
Twentieth-Century Brazilian Literature
Course Description
Critical study of genres and texts from 20th-century Brazil.
Department
Spanish & Portuguese
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| 20th Century Brazilian Literary History | 199051, 1 |

## PORT 457R - Special Topics in Cultures of Brazil

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 457R |

Teaching Area
PORT
Course Title
Special Topics in Cultures of Brazil
Course Description
An in-depth examination of some aspect of Brazilian culture and civilization. Subject matter will vary. This course is recommended for those individuals who may already have a broad exposure to the culture and civilization of Brazil and/or those who desire a more focused cultural experience.
Department
Spanish & Portuguese
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Learning Outcome
Demonstrate thorough understanding of twentieth-century literary history in Brazil.

| Title | Tags |
| --- | --- |
| Critical Practice | 199052, 2 |

Learning Outcome
Demonstrate ability to apply key terms in critical practice (e.g., practical criticism, structural analysis, hermeneutics, etc.).

| Title | Tags |
| --- | --- |
| Advanced Research and Writing | 199053, 5 |

Learning Outcome
Develop advanced skills in research techniques and academic writing.

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Identify, describe, and discuss cultural aspects | 199495, 0, 1, 2020-10-13 12:17:54 |

Learning Outcome
Identify, describe, and discuss aspects of a specific culture or non-literary cultural topic or theme.

| Title | Tags |
| --- | --- |
| Critically analyze cultural products and practices | 199496, 0, 2, 2020-10-13 12:17:54 |

Learning Outcome
Critically analyze cultural products and practices in their historical and social contexts from the perspectives of members of the culture.

| Title | Tags |
| --- | --- |
| Conduct cultural research | 199497, 0, 3, 2020-10-13 12:17:54 |

Learning Outcome
Conduct research on a particular cultural topic and formally present the results in oral presentations or written papers.

## PORT 459R - Special Topics in Brazilian Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 459R |

**Teaching Area**
PORT
**Course Title**
Special Topics in Brazilian Literature
**Course Description**
Specific topics in Portuguese (Brazilian) literature. Course content will vary each semester to offer optimum exposure to all areas of Brazilian literature.
**Department**

## PORT 477R - Secondary Minor Student Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 477R |

**Teaching Area**
PORT
**Course Title**
Secondary Minor Student Teaching
**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.
**Department**

Spanish & Portuguese
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PORT 330 - Introduction to Portuguese and Brazilian Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Literary Analysis | 199054, 1 |

**Learning Outcome**
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to Brazilian literary texts.

| Title | Tags |
|---|---|
| Aesthetic Constructs, Genres, and Context | 199055, 2 |

**Learning Outcome**
Recognize aesthetic constructs, genre differences and similarities, ideological trends, and historical contexts.

| Title | Tags |
|---|---|
| Literary Study Skills | 199056, 5 |

**Learning Outcome**

Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

Develop the habits and skills for Brazilian literary study that inspire continued learning.

| Title | Tags |
| --- | --- |
| Research | 199057, 7 |

**Learning Outcome**
Write essays in Portuguese, including one final research paper, that demonstrate an advanced knowledge of the use of language and literary criticism.

## PORT 480R - Directed Research in Portuguese

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
480R

**Teaching Area**
PORT

**Course Title**
Directed Research in Portuguese

**Course Description**
Under faculty member's direction, designing and conducting research project covering material not normally presented in regular course work. Research paper required.

**Department**
Spanish & Portuguese

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Written proposal subject to department approval

**Note**
Total Port 480R credit toward bachelor's degree not to exceed 3 hours.

| Title | Tags |
|---|---|
| Research Skills | 199066, 1 |

**Learning Outcome**
Conduct advanced, independent research on a topic in Portuguese studies.

## PORT 491 - Senior Proficiency Evaluation

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
491

**Teaching Area**
PORT

**Course Title**
Senior Proficiency Evaluation

**Course Description**
Preparing for and taking required proficiency tests in speaking, writing, reading, and listening.

**Department**
Spanish & Portuguese

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0

**Fixed**
0.5

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0.5

**Note**
NOTE: For Portuguese majors and minors only. Not for nonmajors or graduate students.

| Title | Tags |
|---|---|
| Portuguese Speaking Proficiency | 199574, 0 |

**Learning Outcome**
Receive an Advanced Low or better on the Oral Proficiency Interview and Writing Proficiency Test.

## PORT 493 - Capstone Course in Portuguese

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
493

**Teaching Area**
PORT

**Course Title**

## PORT 520 - Advanced Portuguese Grammar

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
520

**Teaching Area**
PORT

**Course Title**

Capstone Course in Portuguese

**Course Description**
Culminating experience in which students assemble a portfolio demonstrating and reflecting on their learning as a Portuguese major and their goals for continued language use and improvement.

**Department**
Spanish & Portuguese

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Senior standing or departmental advisor's consent.

**Note**
Course should be taken in the semester prior to graduation.

| Title | Tags |
|---|---|
| Reflect on learning | 199551, 2 |

**Learning Outcome**
Students will reflect on their learning and experiences as a Spanish/Portuguese major at BYU and set goals for continued language use and improvement.

| Title | Tags |
|---|---|
| Assemble a portfolio | 199552, 1 |

**Learning Outcome**
Students will assemble a portfolio of artifacts demonstrating their language ability, cultural competence, critical thinking and expression, and application of their language skills to their personal and professional life.

Advanced Portuguese Grammar

**Course Description**
Applying contemporary grammatical concepts to problems in Portuguese grammar.

**Department**
Spanish & Portuguese

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- PORT 325 - Survey of Luso-Brazilian Linguistics

Prerequisites

**Complete ALL of the following Courses:**
- PORT 326 - Portuguese Phonetics and Pronunciation

**Additional Comments:**

| Title | Tags |
|---|---|
| Grammar Rules and Problems | 199067, 1 |

**Learning Outcome**
The student enrolled in Advanced Portuguese Grammar will carefully examine some grammar "problems" by reading and studying selections from grammarians and researchers who provide insights into the problem in question. The student's ability to synthesize coherent and meaningful generalizations will be

objectively tested by exams and further evaluated while he or she participates in classroom discussion.

| Title | Tags |
| --- | --- |
| Descriptive and Prescriptive Grammars | 199068, 3 |

**Learning Outcome**
The student enrolled in Advanced Portuguese Grammar will acquire a greater understanding of both descriptive and prescriptive grammars and their function and limitations. The student will also acquire specialized terms employed by grammarians and morphosyntacticians. The student's ability to understand and use these terms appropriately will also be objectively measured by examination.

| Title | Tags |
| --- | --- |
| Research Paper | 199069, 5 |

**Learning Outcome**
Complete a research paper/presentation on a particular grammar point or construction. This assignment will test a student's ability to locate appropriate refereed sources, read and synthesize them and prepare a written document and oral presentation according to a recognized style manual.

## PORT 521 - Romance Philology

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
521
**Teaching Area**
PORT
**Course Title**
Romance Philology
**Course Description**
Comparative study of evolution of Latin into modern romance languages.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

## PORT 522 - History of the Portuguese Language

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
522
**Teaching Area**
PORT
**Course Title**
History of the Portuguese Language
**Course Description**
Linguistic sources that contributed to formation of Portuguese.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- PORT 325 - Survey of Luso-Brazilian Linguistics

Prerequisites

**Complete ALL of the following Courses:**

- PORT 326 - Portuguese Phonetics and Pronunciation

**Additional Comments:**

| Title | Tags |
|---|---|
| Historical Context | 199070, 2 |

**Learning Outcome**
Situate Latin and the Romance Languages in their "external" (i.e. political and literary) historical context.

| Title | Tags |
|---|---|
| Phonological Evolution | 199071, 4 |

**Learning Outcome**
Recognize the "laws" of regular phonological evolution (e.g. syncope, lenition, diphthongization, etc.).

| Title | Tags |
|---|---|
| Language Comparison | 199072, 6 |

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- PORT 325 - Survey of Luso-Brazilian Linguistics

Prerequisites

**Complete ALL of the following Courses:**

- PORT 326 - Portuguese Phonetics and Pronunciation

**Additional Comments:**

| Title | Tags |
|---|---|
| Nominal and Verbal Systems | 199076, 1 |

**Learning Outcome**
Acquire a basic knowledge of the changes undergone by the nominal and verbal systems of Latin and Portuguese (e.g., the demise of the case system, the development of new verbal tenses, etc.).

| Title | Tags |
|---|---|
| Scholarly Articles | 199077, 2 |

**Learning Outcome**
Demonstrate the ability to summarize and discuss in a clear and concise manner several scholarly articles on the topic of the history of the Portuguese

Learning Outcome
Compare the "major" (i.e. literary) Romance languages as far as their phonological development is concerned.

| Title | Tags |
| --- | --- |
| Lexical Differences and Etymology | 199073, 8 |

Learning Outcome
Lexical Differences and Etymology

| Title | Tags |
| --- | --- |
| Summarize Research | 199074, 10 |

Learning Outcome
Become familiar with articles published in professional journals relating to the subject matter and produce accurate and meaningful written summaries and reactions to them.

| Title | Tags |
| --- | --- |
| Transcription | 199075, 12 |

Learning Outcome
Learn the rudiments of transcribing medieval or Renaissance manuscripts.

language.

| Title | Tags |
| --- | --- |
| Political and Literary Contexts | 199078, 3 |

Learning Outcome
Situate Latin and Portuguese in their political and literary historical contexts.

| Title | Tags |
| --- | --- |
| Phonological Development | 199079, 5 |

Learning Outcome
Recognize the laws of regular phonological development (e.g. syncope, lenition, diphthongization, etc.).

| Title | Tags |
| --- | --- |
| Lexicon Sources | 199080, 7 |

Learning Outcome
Identify the sources of the Portuguese lexicon.

| Title | Tags |
| --- | --- |
| Theory | 199081, 9 |

Learning Outcome
Understand the different theories that claim to understand the relation between Latin and the Romance languages, especially the relation between Latin and Portuguese.

| Title | Tags |
| --- | --- |
| Linguistic Standardization | 199082, 10 |

Learning Outcome
Understand the process of linguistic standardization in Romance and its implications for the linguistic map of the Iberian Peninsula.

## PORT 529R - Special Topics in Portuguese Linguistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 529R |

Teaching Area

## PORT 581R - Minicourse in Luso-Brazilian Literatures

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PORT | 581R |

Teaching Area

PORT
**Course Title**
Special Topics in Portuguese Linguistics
**Course Description**
Topics from semantics to dialectology to sociolinguistics.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- PORT 325 - Survey of Luso-Brazilian Linguistics

Prerequisites

**Complete ALL of the following Courses:**
- PORT 326 - Portuguese Phonetics and Pronunciation

**Additional Comments:**

| Title | Tags |
|---|---|
| Read and analyze research | 199478, 1 |

**Learning Outcome**
Read and analyze research articles related to special topic in Portuguese linguistics.

| Title | Tags |
|---|---|
| Prepare a research paper/project | 199479, 2 |

**Learning Outcome**

PORT
**Course Title**
Minicourse in Luso-Brazilian Literatures
**Course Description**
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Note**
Registration open to undergraduates by department permission only.

| Title | Tags |
|---|---|
| Analyze Texts | 211769, 0, 1, 2022-03-02 09:41:46 |

**Learning Outcome**
Students will be able to analyze scholarly texts on a specific topic in Luso-Brazilian literatures.

| Title | Tags |
|---|---|
| Produce Scholarly Writing | 211770, 0, 2, 2022-03-02 09:41:46 |

**Learning Outcome**
Students will be able to produce scholarly writing on a specific in Luso-Brazilian literatures that meets the academic specifications of the discipline.

Produce an original research paper/project centered on the theme of the seminar.

## PORT 582R - Minicourse in Portuguese Linguistics

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
582R
**Teaching Area**
PORT
**Course Title**
Minicourse in Portuguese Linguistics
**Course Description**
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Note**
Registration open to undergraduates by department permission only.

**Title**
Analyze Texts
**Tags**
211771, 0, 1, 2022-03-02 09:41:55
**Learning Outcome**
Students will be able to analyze scholarly texts on a specific topic in Portuguese linguistics.

**Title**
Produce Scholarly Writing
**Tags**
211772, 0, 2, 2022-03-02 09:41:55
**Learning Outcome**
Students will be able to produce

## PORT 583R - Minicourse in Portuguese Pedagogy

### Course Information

**Teaching Area (new)**
PORT
**Course Number**
583R
**Teaching Area**
PORT
**Course Title**
Minicourse in Portuguese Pedagogy
**Course Description**
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Note**
Registration open to undergraduates by department permission only.

**Title**
Analyze Texts
**Tags**
211773, 0, 1, 2022-03-02 09:42:02
**Learning Outcome**
Students will be able to analyze scholarly texts on a specific topic in Portuguese pedagogy.

**Title**
Produce Scholarly Writing
**Tags**
211774, 0, 2, 2022-03-02 09:42:02
**Learning Outcome**
Students will be able to produce

scholarly writing on a specific in Portuguese linguistics that meets the academic specifications of the discipline.

scholarly writing on a specific in Portuguese pedagogy that meets the academic specifications of the discipline.

## PORT 599R - Academic Internship: Portuguese Internship

### Course Information

**Teaching Area (new)**
PORT

**Course Number**
599R

**Teaching Area**
PORT

**Course Title**
Academic Internship: Portuguese Internship

**Department**
Spanish & Portuguese

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Port 321; instructor's consent

**Note**
NOTE: For supervised internship credit on BYU Study Abroad programs only. NOTE: An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Professional Competencies | 199326, 0, 0 |

**Learning Outcome**
Students will be able to identify, through evidence-based narrative, key professional competencies in context.

| Title | Tags |
| --- | --- |
| Tell your story | 209552, 0, 1 |

## PSHTO 100 - Language Study: Pashto

### Course Information

**Teaching Area (new)**
PSHTO

**Course Number**
100

**Teaching Area**
PSHTO

**Course Title**
Language Study: Pashto

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Pashto.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 197725, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197726, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

Learning Outcome
Students will be able to translate the value of professional development experience through guided refleciton activites in order to tell their story.

Title
Follow Instructions

Tags
197727, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

## PSHTO 101 - First-Year Language Study: Pashto

### Course Information

Teaching Area (new)
PSHTO

Course Number
101

Teaching Area
PSHTO

Course Title
First-Year Language Study: Pashto

Course Description
Beginning speaking, listening, reading, and writing skills in Pashto.

Department
Language Studies

When Taught
Contact Department

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

Title
Comprehension

Tags
197728, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197729, 2

## PSHTO 102 - First-Year Language Study: Pashto

### Course Information

Teaching Area (new)
PSHTO

Course Number
102

Teaching Area
PSHTO

Course Title
First-Year Language Study: Pashto

Course Description
Second-semester speaking, listening, reading, and writing skills in Pashto.

Department
Language Studies

When Taught
Contact Department

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

Simple Requisites

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PSHTO 101 - First-Year Language Study: Pashto

**Additional Comments:**

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197730, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197731, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 197732, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197733, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197734, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197735, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## PSHTO 201 - Second-Year Language Study: Pashto

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSHTO | 201 |

**Teaching Area**
PSHTO
**Course Title**
Second-Year Language Study: Pashto
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Pashto.
**Department**
Language Studies
**When Taught**
Contact Department

## PSHTO 202 - Second-Year Language Study: Pashto

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSHTO | 202 |

**Teaching Area**
PSHTO
**Course Title**
Second-Year Language Study: Pashto
**Course Description**
Continued emphasis on Pashto communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSHTO 102 - First-Year Language Study: Pashto

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197736, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197737, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197738, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures

Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSHTO 201 - Second-Year Language Study: Pashto

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197616, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197617, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

structures.

| Title | Tags |
| --- | --- |
| Culture | 197739, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197618, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197620, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## PSHTO 305 - Language Skills Development: Pashto

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSHTO | 305 |

**Teaching Area**
PSHTO
**Course Title**
Language Skills Development: Pashto
**Course Description**
Increasing proficiency in one or more of the following Pashto language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197613, 1 |

**Learning Outcome**

## PSHTO 321 - Advanced Grammar: Pashto

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSHTO | 321 |

**Teaching Area**
PSHTO
**Course Title**
Advanced Grammar: Pashto
**Course Description**
Systematic review of grammar and syntax of Pashto.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 197614, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197615, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSHTO 202 - Second-Year Language Study: Pashto

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197610, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197611, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197612, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## PSHTO 330 - Advanced Language Proficiency Through Cultural Studies: Pashto

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSHTO | 330 |

**Teaching Area**
PSHTO
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Pashto
**Course Description**
Study of Pashto culture using interpersonal, presentational, and

## PSHTO 340 - Introduction to Literature: Pashto

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSHTO | 340 |

**Teaching Area**
PSHTO
**Course Title**
Introduction to Literature: Pashto
**Course Description**
Advanced study of Pashto literature. Continued emphasis on communication skills and culture.
**Department**

interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Pshto 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 197606, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 197607, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197608, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements

Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSHTO 330 - Advanced Language Proficiency Through Cultural Studies: Pashto

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 197602, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 197603, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 197604, 3 |

**Learning Outcome**
Place literature in a meaningful

related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197609, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197605, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## PSHTO 350 - Advanced Language Study for Career Purposes: Pashto

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSHTO | 350 |

**Teaching Area**
PSHTO
**Course Title**
Advanced Language Study for Career Purposes: Pashto
**Course Description**
Concentration on Pashto language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

## PSYCH 101 - Orientation to the Psychology Major

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 101 |

**Teaching Area**
PSYCH
**Course Title**
Orientation to the Psychology Major
**Course Description**
Overview of curriculum and major requirements, faculty research programs and specialties, campus resources, and career possibilities.
**Department**
Psychology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PSHTO 330 - Advanced Language Proficiency Through Cultural Studies: Pashto

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197597, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197598, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 197599, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 197600, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197601, 5 |

**Learning Outcome**

| Title | Tags |
|---|---|
| 1. Familiarity with curriculum | 184599, 1 |

**Learning Outcome**
Students will demonstrate familiarity with the undergraduate psychology curriculum and requirements of the psychology major in terms of the American Psychological Association standards and their implementation at BYU. Measurement: In-class quizzes from assigned textbook reading; individual exams that apply the reading personally.

| Title | Tags |
|---|---|
| 2. Occupational and academic opportunities | 184600, 2 |

**Learning Outcome**
Students will classify the major post-baccalaureate occupational and academic opportunities available to psychology majors. Measurement: In-class quizzes from assigned textbook reading; individual exams that apply the reading personally. Design, production, and presentation of a poster that describes an opportunity of interest.

| Title | Tags |
|---|---|
| 3. Students develop a personal plan | 184601, 3 |

**Learning Outcome**
Students will develop a personal plan for transitioning from student to career professional. Measurement: Produce a personal plan in multiple drafts.

Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## PSYCH 111 - Introduction to Psychological Science

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
111

**Teaching Area**
PSYCH

**Course Title**
Introduction to Psychological Science

**Course Description**
Basic course in modern scientific psychology.

**Department**
Psychology

**When Taught**
Fall; Winter; Spring; Summer.

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
1. Knowledge of theoretical perspectives

**Tags**
184602, 0, 1

**Learning Outcome**
Students will be able to define basic theoretical perspectives that guide psychological inquiry. Measurements: Examinations, quizzes, final examination that includes multiple choice

## PSYCH 140 - Teaching Assistant Training

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
140

**Teaching Area**
PSYCH

**Course Title**
Teaching Assistant Training

**Course Description**
This course provides training to be an effective teaching assistant.

**Department**
Psychology

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science

**Additional Comments:**

questions, brief writing assignments and other personal reflections on covered material.

| Title | Tags |
| --- | --- |
| 2. Applying psychological principles | 184901, 0, 2 |

**Learning Outcome**
Objective: Students will be able to implement psychological principles to personal and social issues and problems. Measurements: Examinations, quizzes, final examination that includes multiple choice questions, brief writing assignments and other personal reflections on covered material

| Title | Tags |
| --- | --- |
| 3. Research methods | 184603, 0, 3 |

**Learning Outcome**
Objective: Students will be able to define and implement the basic research methods used in psychology, including classical and current experiments. Measurement: Measurements: Examinations, quizzes, final examination that includes multiple choice questions, brief writing assignments and other personal reflections on covered material.

## PSYCH 200 - Applying to Graduate School

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 200 |

**Teaching Area**
PSYCH
**Course Title**
Applying to Graduate School
**Course Description**
Overview of graduate programs in psychology; preparing application materials, including the Graduate Record Examination. (GRE).
**Department**
Psychology
**When Taught**
Fall

### Credit Hours

**Min**
1

## PSYCH 210 - A History of Psychology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 210 |

**Teaching Area**
PSYCH
**Course Title**
A History of Psychology
**Course Description**
Overview of psychological thinking from Ancient Greece to the present. Emphasizes a critical stance toward the assumptions and implications of major psychological theories.
**Department**
Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**

Fixed
1

## Lecture Hours

Fixed
1

## Lab Hours

Fixed
0

Title
4. Students write a statement of intent/interest

Tags
184699, 3

Learning Outcome
Students will be able to write a statement of intent/interest.Measurement: Writing assignment.

Title
2. Students identify appropriate graduate programs

Tags
184726, 1

Learning Outcome
Students will be able to identify appropriate graduate programs based on their academic record and relevant experiences.Measurement: Multiple choice tests, short essays.

Title
3. Solicit and obtain letters of recommendation

Tags
184743, 2

Learning Outcome
Students will be able to solicit and obtain letters of recommendation.Measurement: Writing assignment.

Title
1. Steps and timetable for applying to graduate school

Tags
184768, 0

Learning Outcome
Students will demonstrate an awareness of the steps and timetable associated with applying to graduate school.Measurement: Multiple choice tests, short essays.

3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Recommended
May be taken concurrently with Psych 301
Note
This course contains content featured in the Graduate Record Examination (GRE) Subject Test. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/PSYCH-210-M001.

Title
1. Critical thinking

Tags
206970, 1

Learning Outcome
Students will be able to demonstrate basic critical thinking skills by comparing and contrasting the basic assumptions regarding human nature that have traditionally guided and shaped the various schools of contemporary psychological thought.
Measurement: Short essays on exams and on group quizzes.

Title
2. Implications

Tags
206971, 2

Learning Outcome
Students will be able to identify and evaluate the various implications that these basic assumptions about human nature have for both the theory and the practice of contemporary psychology.
Measurement: Multiple choice and short essay on exams and group quizzes.

Title
3. Identify major figures and schools of thought

Tags
206972, 3

Learning Outcome
Students will be able to identify

| Title | Tags |
| --- | --- |
| 5. Students demonstrate knowledge of interviews | 184902, 4 |

**Learning Outcome**
Students will demonstrate knowledge of what occurs during graduate school interviews. Measurement: Writing assignment.

**Learning Outcome**
Students will be able to identify the major figures and schools of thought that have made significant historical and conceptual contributions to the contemporary disciplinary landscape of psychology. Measurement: Multiple choice exams and individual quizzes.

| Title | Tags |
| --- | --- |
| 4. Reasoned position | 206973, 4 |

**Learning Outcome**
Students will be able to express a reasoned position on some of the enduring questions, issues, and concerns of the discipline of psychology that is faithful to the Restored Gospel of Jesus Christ. Measurement: Essay questions on exams.

## PSYCH 212R - Special Topics in Psychology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 212R |

**Teaching Area**
PSYCH
**Course Title**
Special Topics in Psychology
**Course Description**
Small-group seminar focusing on a classical text or on readings related to a contemporary issue in theory and research.
**Department**
Psychology
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

| Title | Tags |
| --- | --- |
| Being considered for expiration. | 184907, 1 |

**Learning Outcome**
This course hasn't been taught recently. The department is in the process of evaluating whether to expire this course.

## PSYCH 220 - Human Development: Life Span

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 220 |

**Teaching Area**
PSYCH
**Course Title**
Human Development: Life Span
**Course Description**
Interaction of psychological, biological, and social influences on behavior and psychological development through the life span.
**Department**
Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Title
5. Apply knowledge of human development to real world

Tags
184779, 4

Learning Outcome
Students will be able to apply knowledge of human development to addressing real-world issues.Measurement: Short writing assignments and in-class activities.

Title
1. Basic developments and patterns across the lifespan

Tags
184781, 0

Learning Outcome
Students will understand and remember the basic developments that occur across the lifespan, the basic patterns of thought, emotion, and behavior characteristic of individuals at each stage of the lifespan, and the important individual and contextual influences on human development.Measurement: Multiple choice and short essay questions.

Title
2. Key concepts and theories

Tags
184787, 1

Learning Outcome
Students will understand the key concepts and theories that are predominant in the literature on human development.Measurement: Multiple choice and short essay questions.

Title
3. Communicate about human development

Tags
185016, 2

Learning Outcome
Students will be able to more effectively communicate verbally and in writing about human development. Measurement: Research papers or other writing assignments.

Title
4. Analyze and evaluate human development ideas

Tags
185017, 3

**Learning Outcome**
Students will be able to analyze and critically evaluate ideas, arguments, and points of view about human development. Measurement: Research papers or other writing assignments.

## PSYCH 305 - Multicultural Psychology

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
305
**Teaching Area**
PSYCH
**Course Title**
Multicultural Psychology
**Course Description**
Examination of multiculturalism from a psychological perspective, with a focus on the impact of culture on psychological theory, research, and practice. Particular attention will be given to the sociocultural and psychological analyses of four ethnic minority groups in the United States: American Indians, Asian Americans, African Americans and Hispanics/Latina/os.
**Department**
Psychology
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science

## PSYCH 306 - Psychology of Gender

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
306
**Teaching Area**
PSYCH
**Course Title**
Psychology of Gender
**Course Description**
Biological and social contributions to sex role development, sexual self-concept, and complementarity of sex roles.
**Department**
Psychology
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**Note**
Contains content featured in the Graduate Record Examination (GRE) Subject Test. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| 1. Gender concepts, theories, and research findings | 184908, 1 |

**Learning Outcome**
Students will demonstrate a fundamental understanding of (a) various concepts and theories of sex and gender, including models of how gender roles are developed and maintained, and (b) the major research findings regarding gender.
Measurement: Multiple choice tests, short essays.

| Title | Tags |
|---|---|
| 2. Research knowledge and skills | 184909, 2 |

**Learning Outcome**
Students will develop knowledge and skills within gender research for identifying and formulating research hypotheses and the theories supporting them, understanding threats to research validity, formulating designs to test hypotheses, appreciating the limitations of research findings, and critically analyzing the research literature.
Measurement: Writing assignment and/or conducting research project.

| Title | Tags |
|---|---|
| 3. Critical awareness of cultural effects on gender identity | 184911, 0, 4 |

**Learning Outcome**
Students will be aware of, identify with, and analyze the influence of media, institutions and culture on the development of gender identity, gender-related beliefs, and attitudes through class room activities and discussions; and develop an awareness of one's own expectations and biases as they relate to gender.
Measurement: Multiple choice tests, short essays, and/or conducting research project.

## PSYCH 307 - Writing Within Psychology

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
307

**Teaching Area**
PSYCH

**Course Title**
Writing Within Psychology

**Course Description**
Processes of research-oriented writing and presentation for psychology majors.

**Department**
Psychology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** WRTG 150 - Writing and Rhetoric

**Additional Comments:**

**Other Prerequisites**
or equivalents

**Note**
Must be taken prior to or concurrently with Psych 308. Fulfills GE Advanced Written and Oral Communication requirement. WRTG 315 will substitute for this course. Psych minors, contact department student support for a permission-to-add code. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
2. The role of writing in the

**Tags**

## PSYCH 308 - Psychological Statistics

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
308

**Teaching Area**
PSYCH

**Course Title**
Psychological Statistics

**Course Description**
Descriptive and inferential statistical analysis and hypothesis testing applied to psychological research data.

**Department**
Psychology

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 110 - College Algebra

Prerequisites

**Complete ALL of the following Courses:**
- G E 106 - ACT Math

**Additional Comments:**

**Note**
Psych 307 may be taken concurrently with Psych 308. Stat 121 will not substitute for this course. Contains content featured in the Graduate Record Examination (GRE). Offered by BYU Independent Study; enroll

| | |
|---|---|
| discipline | 184605, 3 |

**Learning Outcome**
Students will demonstrate an understanding of the roles that writing plays in their particular discipline, major, or career as a way of learning, as a way of demonstrating and evaluating what one has learned, and as a way of communicating with others.

Measurement: See (1).

| Title | Tags |
|---|---|
| 5. Genres, forms, styles, and documentation conventions | 184608, 6 |

**Learning Outcome**
Students will understand the genres, forms, styles, and documentation conventions of writing for their discipline. They will also demonstrate knowledge of edited syntax, grammar, punctuation, and spelling.
Measurement: See (1).

| Title | Tags |
|---|---|
| 1. Write clearly and appropriately | 206960, 2 |

**Learning Outcome**
Students will be able to write clearly, focus on a well-defined purpose in writing, use conventions of format and structure appropriate to their discipline, and adopt a voice, tone, and level of formality suited to multiple purposes and audiences. Measurement: Informal in-class writing will be given and formal writing will be assigned in multiple drafts with peer- and instructor-review. Genres could include a personal writing journal, letter of intent, letter to the editor, literature review, research proposal, book review, and poster presentation. Explicit focus on the Publication Manual of the American Psychological Association.

Measurement: Informal in-class writing assignments will be given and formal writing assignments will be assigned in multiple drafts with peer- and instructor-review. Genres could include a personal writing journal, letter of intent, letter to

anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| 1. Recognize and understand notation, formulae, and concepts | 184609, 1 |

**Learning Outcome**
Students will be able to recognize and understand basic statistical notation, formulae, and concepts.
Measurement: Multiple choice and short answer exams

| Title | Tags |
|---|---|
| 2. Speak and write about notation, formulae, etc. | 184610, 2 |

**Learning Outcome**
Students will be able to accurately speak and write about statistical formulae, concepts, analyses, and results.
Measurement: Short essays.

| Title | Tags |
|---|---|
| 3. Select and use formulae appropriately | 184611, 3 |

**Learning Outcome**
Students will be able to correctly select and use basic statistical formulae and appropriately interpret the results.
Measurement: Multiple choice tests, short essays.

journal, letter of intent, letter to the editor, literature review, research proposal, book review, and poster presentation. Explicit focus on the Publication Manual of the American Psychological Association.

| Title | Tags |
| --- | --- |
| 4. Library research | 206962, 5 |

**Learning Outcome**
Students will demonstrate the ability to use appropriate research tools and processes of research within their particular discipline, including library research. Students will be able to identify and evaluate sources, retrieve and evaluate data, take notes, and follow conventions of quoting, paraphrasing, and summarizing. They will cite sources properly and demonstrate an understanding of ethical issues related to research, including how to avoid plagiarism. Measurement: Complete the library-usage module provided by the Lee Library.
Measurement: Complete the library-usage module provided by the Lee Library.

| Title | Tags |
| --- | --- |
| 3. Productive and flexible collaborative writing processes | 206961, 0, 4 |

**Learning Outcome**
Students will be able to develop productive and flexible individual and collaborative writing processes
Measurement: See (1)..

## PSYCH 309 - Psychometrics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 309 |

**Teaching Area**
PSYCH
**Course Title**
Psychometrics
**Course Description**
Construction and validation of standardized psychological tests.
**Department**

## PSYCH 310 - Psychological Research Design and Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 310 |

**Teaching Area**
PSYCH
**Course Title**
Psychological Research Design and Analysis
**Course Description**
Basic principles of designing, conducting, and reporting psychological

Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2.5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 307 - Writing Within Psychology
  **AND** PSYCH 308 - Psychological Statistics
  **AND** PSYCH 310 - Psychological Research Design and Analysis

**Additional Comments:**

| Title | Tags |
|---|---|
| 2. Create their own psychological measurements | 184612, 2 |

**Learning Outcome**
Students will create their own psychological measurements suited to specific theories and hypotheses.
Measurement: This will be measured by instructor evaluation of semester-long course projects that require integration of all course material including a) study design; b) creation of a measure; c) data collection and analysis; and d) written and oral presentation of study findings.

| Title | Tags |
|---|---|
| 1. Evaluate psychometric strengths and weaknesses | 184919, 1 |

**Learning Outcome**

Basic principles of designing, conducting, and reporting psychological investigations.
**Department**
Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 307 - Writing Within Psychology
  **AND** PSYCH 308 - Psychological Statistics

**Additional Comments:**

**Note**
Psych 308 is a prerequisite to Psych 310. Contains content featured in the Graduate Record Examination (GRE). \t

| Title | Tags |
|---|---|
| 1. Critically review literature | 184613, 1 |

**Learning Outcome**
Students will be able to critically review the literature to generate a testable hypothesis based on a summation of current research findings and scientific thought.
Measurement: Writing assignment.

| Title | Tags |
|---|---|
| 2. Methodological designs | 184614, 2 |

**Learning Outcome**
Students will be able to distinguish between methodological designs and implement and execute an

Learning Outcome
Students will effectively evaluate the psychometric strengths and weaknesses of individual psychological tests and measurements, using both conceptual and applied metrics.
Measurement: This will be measured by instructors and teaching assistants based on a) multiple choice exams; b) case study evaluations of existing psychological measures; c) application of conceptual and statistical measures to student's own course projects.

appropriate design to test the hypothesis, demonstrating an understanding of and sensitivity to relevant ethical considerations, including how to identify and measure dependent variables and measure or control for independent and other variables critical to the design of the study.
Measurement: Multiple choice tests, short essays.

| Title | Tags |
| --- | --- |
| 3. Written report of research | 184615, 3 |

Learning Outcome
Students will be able to prepare a written report of the research project adhering to APA style in all aspects of presentation (e.g., format, figures/tables, referencing) in a format that would be suitable to submit to an APA journal.
Measurement: Writing assignment.

| Title | Tags |
| --- | --- |
| 4. Present research orally | 184616, 4 |

Learning Outcome
Students will be able to present the research orally to an audience of peers in either a paper or poster format.
Measurement: Presentation assignment.

| Title | Tags |
| --- | --- |
| 5. Critically evaluate published research | 184617, 5 |

Learning Outcome
Students will be able to critically evaluate the quality of published research.
Measurement: Writing assignment.

## PSYCH 311 - Critical Issues in Psychology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 311 |

Teaching Area
PSYCH

## PSYCH 312R - Advanced Methods

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 312R |

Teaching Area
PSYCH

**Course Title**
Critical Issues in Psychology
**Course Description**
Critical and comparative examination of underlying theoretical and philosophical issues relavant to contemporary social, personality, and cognitive psychology, neuroscience, and psychotherapy.
**Department**
Psychology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

| Title | Tags |
|---|---|
| 3. Compare and contrast alternative assumptions | 184791, 3 |

**Learning Outcome**
Students will compare and contrast alternative assumptions (and the implications of those assumptions) to those associated with the major theories, methods, practices, and schools of contemporary psychology, especially as they may be relevant to a Christian perspective.
Measurement: Short paper essay assignments.

**Course Title**
Advanced Methods
**Course Description**
Coverage of a variety of advanced and specific topics in Psychological research and analysis. Course content will vary by instructor.\n
**Department**
Psychology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 308 - Psychological Statistics

**Additional Comments:**

| Title | Tags |
|---|---|
| Methodological designs | 214333, 0, 1, 2023-08-29 12:02:00 |

**Learning Outcome**
Students will be able to identify, implement and execute appropriate research designs within a particular sub-discipline of psychology and/or using a particular experimental method or technology.

| Title | Tags |
|---|---|
| Statistical analysis | 214334, 0, 2, 2023-08-29 12:02:01 |

**Learning Outcome**
Students will be able to demonstrate more advanced skill in using statistical/mathematical analysis applications to analyze data sets

| Title | Tags |
| --- | --- |
| 2. Critically evaluate assumptions in published writings | 184792, 2 |

**Learning Outcome**
Students will identify and critically evaluate these basic assumptions in the published writings of psychologists. Measurement: Multiple choice reading quizzes and short paper essay assignments.

| Title | Tags |
| --- | --- |
| 1. Assumptions of major theories | 184793, 1 |

**Learning Outcome**
Students will identify and describe basic assumptions (and the implications of those assumptions) that underlie the major theories, methods, practices, and schools of contemporary psychology. Measurement: Multiple choice quizzes or short essay assignments.

applications to analyze data sets. Measurement: Multiple choice tests, short essays, writing assignments, presentation assignments.

## PSYCH 320 - Developmental Psychology: Childhood

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
320
**Teaching Area**
PSYCH
**Course Title**
Developmental Psychology: Childhood
**Course Description**
Physical, mental, emotional, and social development of the child.
**Department**
Psychology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## PSYCH 321 - Developmental Psychology: Adolescence

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
321
**Teaching Area**
PSYCH
**Course Title**
Developmental Psychology: Adolescence
**Course Description**
Development and maturation during adolescence; research methodology.
**Department**
Psychology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**Note**
Contains content featured in the Graduate Record Examination (GRE).Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| 1. Theories and research in human development | 184794, 1 |

**Learning Outcome**
Students will describe current theories and research in human development from pre-natal development through late childhood, demonstrating an understanding of developmental processes that lead to normative development, including perceptual, cognitive, biological, genetic, and social domains, as well as factors that lead to psychopathology and mental illness.
Measurement: Multiple choice tests, quizzes.

| Title | Tags |
|---|---|
| 2. Assess and critique a key issue | 184795, 2 |

**Learning Outcome**
Students will assess and critique a key issue in a group format presented to the class.
Measurement: Assessment of presentation.

| Title | Tags |
|---|---|
| 3. Integrate current research studies | 184796, 3 |

**Learning Outcome**
Students will assess critical

3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**Note**
PSYCH 321 can substitute for PSYCH 320. Contains content featured in the Graduate Record Examination (GRE) Subject Test.

| Title | Tags |
|---|---|
| 4. Analyze and critically evaluate ideas about adolescence | 184618, 4 |

**Learning Outcome**
Students will be able to analyze and critically evaluate ideas, arguments, and points of view about adolescence.
Measurement: Research papers.

| Title | Tags |
|---|---|
| 1. Understand and remember the basic developments in adolescence | 184913, 1 |

**Learning Outcome**
Students will understand and remember the basic developments that occur during adolescence, the basic patterns of thought, emotion, and behavior characteristic of adolescents, and the important individual and contextual influences on adolescent psychology and development.
Measurement: Multiple choice and short essay questions.

| Title | Tags |
|---|---|
| 2. Understand key concepts in adolescent psychology literature | 184914, 2 |

**Learning Outcome**
Students will understand the key concepts and theories that are predominant in the literature on

issues in early childhood development, integrating current research studies on topics in developmental psychology.
Measurement: APA style paper.

adolescent psychology and development.
Measurement: Multiple choice and short essay questions.

**Title**
3. Effectively communicate about adolescent psychology

**Tags**
184915, 3

**Learning Outcome**
Students will be able to more effectively communicate verbally and in writing about adolescence.
Measurement: Research papers.

**Title**
5. Apply knowledge of adolescent psychology to real-world issues

**Tags**
184916, 5

**Learning Outcome**
Students will be able to apply knowledge of adolescence to address real-world issues.
Measurement: Short writing assignments and in-class activities.

## PSYCH 322 - Developmental Psychology: Adulthood

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
322

**Teaching Area**
PSYCH

**Course Title**
Developmental Psychology: Adulthood

**Course Description**
Stability and change in psychological, physiological, and interpersonal processes through early, middle, and late adulthood.

**Department**
Psychology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## PSYCH 330 - Organizational Psychology

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
330

**Teaching Area**
PSYCH

**Course Title**
Organizational Psychology

**Course Description**
Personal, interactional, and structural aspects of organizations; motivation, decision making, problem-solving communication, leadership, organizational structure, change.

**Department**
Psychology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**Note**
PSYCH 322 can substitute for PSYCH 320. Contains content featured in the Graduate Record Examination (GRE) Subject Test.

| Title | Tags |
|---|---|
| 4. Analyze and critically evaluate ideas about adulthood | 184619, 4 |

**Learning Outcome**
Students will be able to analyze and critically evaluate ideas, arguments, and points of view about adulthood.
Measurement: Research papers.

| Title | Tags |
|---|---|
| 5. Apply knowledge of adult psychology to real-world issues | 184620, 5 |

**Learning Outcome**
Students will be able to apply knowledge of adulthood to address real-world issues.
Measurement: Short writing assignments and in-class activities.

| Title | Tags |
|---|---|
| 2. Understand key concepts and theories of adult psychology | 184784, 2 |

**Learning Outcome**
Students will understand the key concepts and theories that are predominant in the literature on adult psychology and development.Measurement: Multiple choice and short essay questions.

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| 1. Understanding of major areas of I/O psychology | 184798, 1 |

**Learning Outcome**
Students will demonstrate a basic understanding of the major areas of organizational and industrial psychology, including human resources; leadership development; employee training, motivation, and satisfaction; group dynamics, organizational climate; and team-building.
Measurement: Multiple choice tests, short essays.

| Title | Tags |
|---|---|
| 2. Apply organizational theory | 184799, 2 |

**Learning Outcome**
Students will learn to apply organizational theory to specific organizational situations.
Measurement: Writing assignment.

| Title | Tags |
|---|---|
| 3. Organizational skills | 184800, 3 |

**Learning Outcome**
Students will acquire skill in collaborative teamwork, time management, self-motivation, and project planning.
Measurement: Evaluation of cooperative class assignments

| Title | Tags |
| --- | --- |
| 6. Knowledge of the discipline | 184797, 6 |

**Learning Outcome**
Students will understand the key concepts and theories that are predominant in the literature on adult psychology and development.
Measurement: Multiple choice and short essay questions.

| Title | Tags |
| --- | --- |
| 1. Understand and remember developments and patterns of adulthood | 184917, 1 |

**Learning Outcome**
Students will understand and remember the basic developments that occur during adulthood, the basic patterns of thought, emotion, and behavior characteristic of adults, and the important individual and contextual influences on adult psychology and development.
Measurement: Multiple choice and short essay questions.

| Title | Tags |
| --- | --- |
| 3. Effectively communicate verbally and in writing about adulthood | 184918, 3 |

**Learning Outcome**
Students will be able to more effectively communicate verbally and in writing about adulthood.
Measurement: Research papers.

## PSYCH 338 - Sport Psychology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 338 |

**Teaching Area**
PSYCH
**Course Title**
Sport Psychology
**Course Description**
Application of psychological principles to sporting activities.
**Department**
Psychology
**When Taught**
Fall and Winter

## PSYCH 341 - Personality

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 341 |

**Teaching Area**
PSYCH
**Course Title**
Personality
**Course Description**
Individual patterns of behavior, thought, and emotion; personality theories and their associated strategies of research, assessments, and personality change.
**Department**
Psychology
**When Taught**

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
1. Current status of sport psychology

**Tags**
184621, 1

**Learning Outcome**
Students will demonstrate a basic understanding of the current status of the discipline of sport psychology and of the psychological theories that inform it, including behavioral principles and applications, social psychology, personality psychology, assessment, special athletic populations, coaching, and exercise psychology.
Measurement: In-class exams on assigned textbook reading.

**Title**
2. Familiarity with journals

**Tags**
184622, 2

**Learning Outcome**
Students will demonstrate familiarity with selected sport-psychology journals.
Measurement: Author a paper that combines a literature review with application to a sport-performance environment.

**Title**
3. Current events

**Tags**
184920, 3

**Learning Outcome**
Students will identify and discuss current events related to

Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**Note**
Contains content featured in the Graduate Record Examination (GRE). Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
1. Identify and distinguish personality theories

**Tags**
184801, 1

**Learning Outcome**
Students will identify and distinguish the major personality theories of psychology.
Measurement: Multiple choice/Short essay.

**Title**
2. Contemporary research and applications

**Tags**
184802, 2

**Learning Outcome**
Students will identify and give examples of contemporary research or applications of these theories.
Measurement: Multiple choice/Short essay.

sport psychology.
Measurement: In-class reports and discussion of video clips or other media reports relevant to sport psychology.

| Title | Tags |
| --- | --- |
| 3. Theoretical assumptions | 184803, 3 |

**Learning Outcome**
Students will identify the theoretical assumptions that underlie these personality theories.
Measurement: Multiple choice.

| Title | Tags |
| --- | --- |
| 4. Practical and religious implications | 184804, 4 |

**Learning Outcome**
Students will articulate some of the practical and religious implications of these theories.
Measurement: Essay assignments.

## PSYCH 342 - Psychopathology

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
342
**Teaching Area**
PSYCH
**Course Title**
Psychopathology
**Course Description**
Dynamics of maladjustment; major psychological disorders and therapeutic procedures. Fieldwork required.
**Department**
Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## PSYCH 343 - Child Psychopathology

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
343
**Teaching Area**
PSYCH
**Course Title**
Child Psychopathology
**Course Description**
Mental disorders of childhood.
**Department**
Psychology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

0

No Requirements

**Other Prerequisites**
PSYCH 111 & PSYCH 307; or PSYCH 111 & NEURO 316; or PSYCH 111 & WRTG 315

**Note**
Contains content featured in the Graduate Record Examination (GRE).

**Title**
Forms of psychological disorders and major theories

**Tags**
214335, 0, 1, 2023-08-29 12:02:14

**Learning Outcome**
Students will be able to identify and describe the major forms of psychological disorders and the major theories regarding the classification, etiology, and treatment of psychological disorders, and current data relevant to such theories.

**Title**
Service learning and exposure to psychological disorders

**Tags**
214336, 0, 2, 2023-08-29 12:02:16

**Learning Outcome**
Students will be able to engage in service learning by serving persons diagnosed with psychological disorders.

**Title**
Critique concepts and theories

**Tags**
214337, 0, 3, 2023-08-29 12:02:19

**Learning Outcome**
Students will be able to critically examine key concepts and theories in abnormal psychology.

**Title**
Use sources to analyze topics regarding disorders

**Tags**
214338, 0, 4, 2023-08-29 12:02:21

**Learning Outcome**
Students will be able to examine and critique a topic in abnormal psychology using the current research literature.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**Note**
Psych 343 can substitute for Psych 342.

**Title**
1. Etiology, assessment, diagnosis, and treatment

**Tags**
184808, 1

**Learning Outcome**
Students will identify and describe the etiology, assessment, diagnosis, and treatment of common psychological and developmental disorders in children and adolescents.
Measurement: Multiple choice exams, quizzes.

**Title**
2. Current issues in child psychopathology

**Tags**
184809, 2

**Learning Outcome**
Students will demonstrate familiarity with current issues in child psychopathology.
Measurement: Presentations, short writing assignments.

**Title**
3. Use current literature to critique a topic

**Tags**
184810, 3

**Learning Outcome**
Students will examine and critique a topic using the current research literature.
Measurement: APA style paper.

## PSYCH 345 - Basic Mediation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PSYCH | 345 |

**Teaching Area**

## PSYCH 348 - Clinical Psychology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PSYCH | 348 |

**Teaching Area**

PSYCH
**Course Title**
Basic Mediation
**Course Description**
A skills based seminar that introduces conceptual knowledge and practical skills training for a mediator. Weekly instructional mediation training through interactive lecture, group discussion, role-play, video and demonstration. Basic mediation concepts such as communication skills, information gathering, managing conflict, identifying issues, active listening, reframing, problem solving, negotiating, and agreement writing. Skills will be practiced in class through role-play and in the community.
**Department**
Psychology
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
PSYCH 111.

**Title**
Students will be able to conduct a mediation.

**Tags**
185038, 1

**Learning Outcome**
Students will learn the mediation process: how to set up a mediation, how to conduct any pre-mediation, how to begin the mediation with an opening statement and agreement to mediate, how to set an agenda for the parties, how to facilitate a communication phase, how to facilitate a negotiation phase, and how to write a mediation agreement. They will learn about different types of mediations and how to adjust mediation processes accordingly. They will learn the basic rules that a mediator should follow.

PSYCH
**Course Title**
Clinical Psychology
**Course Description**
Personality theories, psychopathology, diagnostic interviewing and testing, psychotherapy techniques; research methods.
**Department**
Psychology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**Note**
Not a practicum.

**Title**
1. Theories, practices, and critical issues

**Tags**
184811, 1

**Learning Outcome**
Students will identify and describe the theories, practices, and critical issues in clinical psychology.
Measurement: Multiple choice exams, quizzes.

**Title**
2. Summarize and explain a current topic

**Tags**
184812, 2

Title
Students will learn how to better negotiate, and how to facilitate negotiation during mediation.

Tags
185039, 2

Learning Outcome
Students will learn, discuss, and practice a variety of skills that will help them to negotiate successfully, and that will help them to help others successfully move forward to find resolutions during mediation.

Learning Outcome
Students will summarize and explain a current topic in clinical psychology to the class and/or engage in role play and interview activities.
Measurement: Class presentations, role plays.

Title
3. Career and educational opportunities

Tags
184813, 3

Learning Outcome
Students will assess and evaluate personal career/educational opportunities in the field of clinical psychology.
Measurement: Short writing assignments.

Title
4. Examine and critique current psychotherapies

Tags
184814, 4

Learning Outcome
Students will examine and critique current psychotherapies and describe their personal views about therapy.
Measurement: APA style paper.

## PSYCH 349 - Introduction to Positive Psychology

### Course Information

Teaching Area (new)
PSYCH

Course Number
349

Teaching Area
PSYCH

Course Title
Introduction to Positive Psychology

Course Description
Study of human flourishing, human strengths, and virtues.

Department
Psychology

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

## PSYCH 350 - (Psych-Soc) Introduction to Social Psychology

### Course Information

Teaching Area (new)
PSYCH

Course Number
350

Teaching Area
PSYCH

Course Title
(Psych-Soc) Introduction to Social Psychology

Course Description
Conformity and obedience; socialization, norms, roles; attitudes, leadership, group processes.

Department
Psychology

When Taught
All Semesters/Terms

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Research and application | 206963, 1 |

**Learning Outcome**

Students will be able to identify and explain research findings in Positive Psychology, and describe potential applications for increasing well-being.

Measurement: Exams, quizzes, writing assignments.

| Title | Tags |
| --- | --- |
| Practice a personalized strategies | 206964, 2 |

**Learning Outcome**

Students will be able to develop and practice a personalized set of well-being strategies informed by the positive psychology literature.

Measurement: Class assignments, writing assignments.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PSYCH 111 - Introduction to Psychological Science **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**Note**
Contains content featured in the Graduate Record Examination (GRE). Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| 2. Research methods and ethics | 184625, 2 |

**Learning Outcome**
Students will be able to understand the use of surveys, laboratory and field experiments in conducting social psychological research, and understand the ethical principles of informed consent, deception and debriefing when conducting research with human participants.
Measurement: Multiple choice tests, short essays.

| Title | Tags |
| --- | --- |
| 3. Substantive areas of inquiry | 184626, 3 |

**Learning Outcome**
Students will be able to identify substantive areas of social psychological inquiry, including the self, person perception, attitudes and persuasion, group processes, stereotyping and prejudice, interpersonal attraction, helping behavior and aggression.
Measurement: Multiple choice tests, short essays.

**Title**
4. Contributions of major thinkers and contributors

**Tags**
184627, 4

**Learning Outcome**
Students will be able to identify and explain the contributions of major thinkers and contributors of classic and contemporary theory and research in social psychology, such as Leon Festinger and Stanley Milgram. Measurement: Multiple choice tests, short essays.

**Title**
5. Applications of social psychology

**Tags**
184628, 5

**Learning Outcome**
Students will be able to identify how social psychological theory and research have been applied to domains outside the discipline, such as in health settings and the law. Measurement: Multiple choice tests, short essays.

**Title**
1. Unique contribution of social psychology

**Tags**
184815, 1

**Learning Outcome**
Students will be able to identify the unique contribution of social psychology to social science, situating the discipline within the larger domain of psychology and contrasting it with related disciplines, such as sociology. Measurement: Multiple choice tests, short essays.

## PSYCH 352 - Applied Social Psychology.

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
352

**Teaching Area**
PSYCH

**Course Title**
Applied Social Psychology.

**Course Description**
Applying social psychological theory, research, and methods to such domains as law, business, education, the media, mental health, and physical health.

## PSYCH 353 - The Restored Gospel of Jesus Christ and Psychology

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
353

**Teaching Area**
PSYCH

**Course Title**
The Restored Gospel of Jesus Christ and Psychology

**Course Description**
Relationships between theories of psychology and Latter-day Saint thought.

**Department**
Psychology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**Title**
2. Basic compared to applied social psychology

**Tags**
184629, 2

**Learning Outcome**
Students will be able to compare and contrast basic and applied social psychology.
Measurement: Multiple choice tests, short essays.

**Title**
3. Substantive areas of social psychological application

**Tags**
184630, 3

**Learning Outcome**
Students will be able to identify substantive areas of social psychological application, such as education, physical health, mental health, the environment, and business.
Measurement: Multiple choice tests, short essays.

thought.
**Department**
Psychology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

| Title | Tags |
| --- | --- |
| 4. Research project | 184631, 4 |

**Learning Outcome**
Students will be able to apply social psychological methods to an intervention designed to understand or ameliorate a social problem.
Measurement: Evaluation of project

| Title | Tags |
| --- | --- |
| 1. Defining a social problem | 184922, 1 |

**Learning Outcome**
Students will be able to understand how one defines something as a "social problem".
Measurement: Multiple choice tests, short essays.

## PSYCH 354 - Psychology of Religion

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 354 |

**Teaching Area**
PSYCH
**Course Title**
Psychology of Religion
**Course Description**
Classification of religious behavior and experience; source of religious motivation; religion and the growth process.
**Department**
Psychology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## PSYCH 356 - Introduction to Health Psychology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 356 |

**Teaching Area**
PSYCH
**Course Title**
Introduction to Health Psychology
**Course Description**
Psychology focusing on the Biopsychological Model, i.e., health issues from standpoint of biological, psychological, and social factors.
**Department**
Psychology
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

Additional Comments:

| Title | Tags |
|---|---|
| 1. Key assumptions of psychology, religion, and spirituality | 184820, 1 |

Learning Outcome
Students will define psychology, religion, and spirituality and compare and contrast their key assumptions.
Measurement: Multiple choice/Analytic essays.

| Title | Tags |
|---|---|
| 2. Critical examination of perspectives | 184821, 2 |

Learning Outcome
Students will critically examine the implications of psychological perspectives on religion and spirituality, as well as the implications of religious and spiritual perspectives on psychology.
Measurement: Analytic essays.

| Title | Tags |
|---|---|
| 3. Alternative perspectives | 184822, 3 |

Learning Outcome
Students will identify alternative psychological, religious, and spiritual perspectives, examine their assumptions, and consider the value of their alternative implications to the relationship between these three worldviews.
Measurement: Multiple choice/Analytical essays.

| Title | Tags |
|---|---|
| 4. Critical examination of one's own assumptions | 184823, 4 |

Learning Outcome

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

Additional Comments:

Note
Contains content featured in the Graduate Record Examination (GRE).

| Title | Tags |
|---|---|
| 1. Key concepts and theories in health psychology | 184632, 1 |

Learning Outcome
Students will identify and describe key concepts and theories in health psychology.
Measurement: Multiple choice and brief response exams; quizzes.

| Title | Tags |
|---|---|
| 2. Contributions to the understanding of illness | 184633, 2 |

Learning Outcome
Students will examine the contributions of health psychology to the understanding of acute and chronic illness.
Measurement: Multiple choice and brief response exams; group assignments and presentation.

| Title | Tags |
|---|---|
| 3. Critique current news articles about health | 184634, 3 |

Learning Outcome
Students will critique current news articles about health using principles and concepts from class.
Measurement: Writing assignments.

| Title | Tags |
|---|---|
| 4. Principles of health psychology in everyday life | 184824, 4 |

Learning Outcome

Learning Outcome
Students will critically examine their own assumptions about the relationship between psychology, religion, and spirituality.
Measurement: Analytical essays.

Students will explain how principles of health psychology operate in everyday life.
Measurement: Writing assignments.

## PSYCH 358 - Leadership Development

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
358
**Teaching Area**
PSYCH
**Course Title**
Leadership Development
**Course Description**
Principles and practices of successful leadership: decision making, communications, planning, team building, motivation, and interpersonal skills.
**Department**
Psychology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

**Additional Comments:**

**Note**
Offered by BYU Independent Study; enroll anytime throughout the

## PSYCH 370 - Sensation and Perception

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
370
**Teaching Area**
PSYCH
**Course Title**
Sensation and Perception
**Course Description**
Sensory basis of perception and principles of perceptual organization.
**Department**
Psychology
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science
  **AND** PSYCH 307 - Writing Within Psychology

Prerequisites
**Complete ALL of the following Courses:**

Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| 2. Apply leadership theory to specific situations | 184825, 2 |

**Learning Outcome**
Students will learn to apply leadership theory to specific organizational situations. Measurement: Writing assignment.

| Title | Tags |
|---|---|
| 1. Major areas of the psychology of leadership | 184826, 1 |

**Learning Outcome**
Students will demonstrate a basic understanding of the major areas of the psychology of leadership, including leadership as trait or as function; leadership styles (charismatic, transactional, transformational); contingency and situational leadership; ethics and responsibility; influence tactics; teamwork and team-building; motivation and coaching skills; creativity and innovation; communication, negotiation, and conflict resolution; strategic and tactical leadership; leadership development and succession planning. Measurement: Multiple choice tests, short essays.

- NEURO 205 - Neurobiology

**Additional Comments:**

**Note**
Contains content featured in the Graduate Record Examination (GRE).

| Title | Tags |
|---|---|
| 1. Understanding of perception, brain, and environment | 184827, 1 |

**Learning Outcome**

Students will gain an understanding of how our brains interact with our external environment and give rise to our perceptions.

*Measurement:* Students will demonstrate this understanding on quizzes and on exams.

| Title | Tags |
|---|---|
| 3. Apply principles of sensation and perception | 184829, 3 |

**Learning Outcome**

Students will be able to apply the principles discussed in class to the world around them.

*Measurement:* Students will demonstrate this through lab assignments.

| Title | Tags |
|---|---|
| 2. Research methods in cognitive neuroscience | 184830, 2 |

**Learning Outcome**

Students will develop an understanding of how we know what we know about sensation and perception, i.e., research methods in cognitive neuroscience and the scientific method.

*Measurement:* Students will demonstrate this understanding through in-class discussion, on quizzes/exams, and through coming to class ready to learn. Being ready to learn includes completing the assigned readings and assessments, participating in lecture and discussion, and completing outside assignments (e.g., labs).

outside assignments (e.g., labs).

| Title | Tags |
| --- | --- |
| 4. Critical reflection | 184828, 0, 4 |

**Learning Outcome**

Students will be able to critically reflect on the content of psychology as well as on disciplinary values in light of their knowledge of and commitment to the restored gospel of Jesus Christ and to sustain personal values that are true to the gospel while maintaining their serious study of psychology and neuroscience.

*Measurement:* Exams, quizzes.

## PSYCH 375 - Cognition

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
375
**Teaching Area**
PSYCH
**Course Title**
Cognition
**Course Description**
Perceptual organization; information processing; cognitive development; relationships between sensory analysis, perception, memory, learning, language, and problem solving.
**Department**
Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## PSYCH 377 - The Cognitive Neuroscience of Memory

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
377
**Teaching Area**
PSYCH
**Course Title**
The Cognitive Neuroscience of Memory
**Course Description**
Advanced topics in current and historical memory research.
**Department**
Psychology
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science **AND** PSYCH 307 - Writing Within Psychology

Prerequisites

**Complete ALL of the following Courses:**
- NEURO 316 - Neuroscience Advanced Writing **AND** PSYCH 111 - Introduction to Psychological Science

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science **AND** WRTG 315 - Writing in the Social Sciences

**Additional Comments:**

**Note**
Contains content featured in the Graduate Record Examination (GRE).

**Title**
1. Cognitive processes of perception, memory, language, etc.

**Tags**
184638, 1

**Learning Outcome**

Students will recognize and understand the cognitive processes of perception, memory, language, reasoning, and problem solving.

*Measurement:* This will be assessed on multiple choice and essay quizzes and exams.

**Title**
2. Application of cognitive psychology

**Tags**
184639, 0, 2

**Learning Outcome**

Students will assess and develop ways to apply the principles of cognitive psychology.

*Measurement:* A design proposal or a paper

**Other Prerequisites**
Psych 381 or Psych 375 or Neuro 380 or equivalent.

**Title**
Understanding of memory processes

**Tags**
208239, 0, 1

**Learning Outcome**
Students will be able to gain an understanding of different memory systems in the brain and how they interact to give rise to our experience of memory.
Measurement: Students will demonstrate this understanding on quizzes and on exams.
Link to Program Outcomes: A. Knowledge of the Discipline

**Title**
Research methods in cognitive neuroscience

**Tags**
208240, 0, 2

**Learning Outcome**
Students will dbe able to evelop an understanding of how we know what we know about learning and memory, i.e., research methods in cognitive neuroscience and the scientific method.
Measurement: Students will demonstrate this understanding through in-class discussion, on quizzes/exams, and through coming to class ready to learn. Being ready to learn includes completing the assigned readings and assessments, participating in lecture and discussion, and completing outside assignments.
Link to Program Outcomes: A. Knowledge of the Discipline

**Title**
Critical reflection

**Tags**
208241, 0, 3

**Learning Outcome**
Students will be able to critically reflect on the content of psychology as well as on disciplinary values in light of their knowledge of and commitment to the restored gospel of Jesus Christ and to sustain personal values that are true to the gospel while maintaining their serious study of psychology and neuroscience.
Measurement: Multiple choice exams, quizzes.
Link to Program Outcomes: A.

Knowledge of the Discipline

## PSYCH 381 - Behavioral Neurobiology

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
381
**Teaching Area**
PSYCH
**Course Title**
Behavioral Neurobiology
**Course Description**
Basic physiological, anatomical, and chemical foundations of psychology.
**Department**
Psychology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science **AND** PSYCH 307 - Writing Within Psychology

Prerequisites

**Complete ALL of the following Courses:**
- NEURO 205 - Neurobiology

## PSYCH 382 - Stress Psychobiology

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
382
**Teaching Area**
PSYCH
**Course Title**
Stress Psychobiology
**Course Description**
Behavioral neurobiology of stress.
**Department**
Psychology
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 381 - Behavioral Neurobiology

Prerequisites

**Complete ALL of the following Courses:**
- NEURO 205 - Neurobiology

**Additional Comments:**

**Additional Comments:**

**Other Prerequisites**
(Neuro 205 will substitute for Psych 310.)
**Note**
Contains content featured in the Graduate Record Examination (GRE). Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
1. The brain, experience, and behavior

**Tags**
184640, 1

**Learning Outcome**
Students will develop their understanding of how the brain influences one's experience of the world and one's behavior in it.
Measurement: In-class quizzes and/or exams on assigned textbook reading, lectures, and class discussions and written reports and/or in-class presentations of self-selected articles from the scientific literature.

**Title**
2. Scientific methods and behavioral neurobiology

**Tags**
184641, 2

**Learning Outcome**
Students will identify scientific methods, especially those of cognitive neuroscience, that are valuable in behavioral neurobiology.
Measurement: In-class quizzes and/or exams on assigned textbook reading, lectures, and class discussions and written reports and/or in-class presentations of self-selected articles from the scientific literature.

**Title**
3. Diseases, trauma, drug usage, hormones, and genes

**Tags**
184642, 3

**Learning Outcome**
Students will extend concepts and research findings to diseases, trauma, drug usage, hormones, and genes.
Measurement: In-class quizzes and/or exams on assigned textbook reading, lectures, and class discussions and written reports and/or in-class presentations of self-selected

**Note**
Contains content featured in the Graduate Record Examination (GRE).

**Title**
1. Stress, physiology, and physical health outcomes

**Tags**
184836, 1

**Learning Outcome**
Students will describe how stress affects physiology and physical health outcomes.
Measurement: Multiple choice exams, quizzes.

**Title**
2. Analysis of a health condition in the context of stress

**Tags**
184837, 2

**Learning Outcome**
Students will integrate their knowledge of stress and health by analyzing a health condition in the context of stress.
Measurement: APA style paper.

**Title**
3. Experimentation with stress management techniques

**Tags**
184838, 3

**Learning Outcome**
Students will experiment with stress management techniques and assess their effectiveness using a stress management journal.
Measurement: Journal entries, critique of experience.

articles from the scientific literature.

## PSYCH 387 - Introduction to Primate Behavior

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
387
**Teaching Area**
PSYCH
**Course Title**
Introduction to Primate Behavior
**Course Description**
Overview of primate behavior; the role of parental care on developmental outcome, functional neurobiology, and psychopathology.
**Department**
Psychology
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science **AND** PSYCH 307 - Writing Within Psychology

Prerequisites
**Complete ALL of the following Courses:**
- NEURO 205 - Neurobiology

## PSYCH 388 - Drugs, Reward and Addiction

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
388
**Teaching Area**
PSYCH
**Course Title**
Drugs, Reward and Addiction
**Course Description**
Examines the biopsychosocial nature of drug and behavioral addiction. This course presents the most current research in the field and bridges psychology and neuroscience.
**Department**
Psychology
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- PSYCH 111 - Introduction to Psychological Science

Prerequisites
**Complete ALL of the following Courses:**
- NEURO 205 - Neurobiology

**Additional Comments:**

Additional Comments:

Title
1. The diversity of primate species and environments

Tags
184643, 1

Learning Outcome
Students will recognize the diversity of primate species and environments, and examine representative species in detail.
Measurement: In-class quizzes and exams on the assigned reading.

Title
2. Specific aspects of primate behavior

Tags
184644, 2

Learning Outcome
Students will examine specific aspects of behavior, including emotion, cognition, language, parental care, sociality, functional neurobiology, and psychopathology.
Measurement: In-class quizzes and exams on the assigned reading.

Title
3. Compare and contrast non-human and human primates

Tags
184645, 3

Learning Outcome
Students will compare and contrast nonhuman-primate and human behavior and environments, and consider the implications for personal beliefs about human behavior.
Measurement: Literature review on a self-selected topic in multiple drafts with peer-, Writing Center-, and instructor-review.

Additional Comments:

Title
1. Understanding the fundamentals of drug use

Tags
184839, 1

Learning Outcome
Learn the theoretical basis of pharmacology, pharmacokinetics, and pharmacodynamics, and critically evaluate research in the field.
Measurement: Students will demonstrate this understanding through in-class discussion and on quizzes and exams.

Title
2. Understanding the neural basis of reward

Tags
184840, 2

Learning Outcome
Learn the neural underpinnings of drug and behavioral reward, and evaluate research methods in biochemistry, pharmacology, psychology, and neuroscience.
Measurement: Students will demonstrate this understanding through in-class discussion and on quizzes and exams.

Title
3. Understanding the biopsychosocial nature of addiction

Tags
184924, 3

Learning Outcome
Learn the historical, political and sociological aspects of drug abuse, addiction, treatment, and prevention. Use this knowledge to inform real-world treatments and outcomes associated with drug use and abuse. Students will be able to apply the principles discussed in class to problems and solutions regarding drug and behavioral addiction. Students will be able to critically reflect on the content of the course in light of their knowledge of and commitment to the restored gospel of Jesus Christ, and to sustain personal values that are true to the gospel, while maintaining their serious study of psychology and neuroscience.
Measurement: Students will demonstrate this understanding through in-class discussion, on

quizzes/exams. In addition, students will demonstrate this through lab reports on guest lecturers, presentations of news reports and current original research articles, and through attending a community addiction treatment facility and experiencing first-hand the practical aspects of addiction treatment.

## PSYCH 390R - Sleep Psychology

### Course Information

**Course Number**
390R
**Teaching Area**
PSYCH
**Course Title**
Sleep Psychology
**Course Description**
This course will develop knowledge of the associations between sleep and health outcomes
**Department**
Psychology
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor permission required

**Title**
Knowledge of sleep theories and methodological approaches

**Tags**
214339, 0, 1, 2023-08-29 12:02:55

**Learning Outcome**
Student(s) will describe the basic theoretical perspectives and methodological approaches in sleep science and sleep psychology.

**Title**
Sleep research data collection methods

**Tags**
214340, 0, 2, 2023-08-29 12:02:56

**Learning Outcome**
Student(s) will demonstrate proficiency in sleep research methods including polysomnography (PSG) wire up

## PSYCH 390R - Special Topics in Psychology

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
390R
**Teaching Area**
PSYCH
**Course Title**
Special Topics in Psychology
**Course Description**
Exploration of specific topics that are not currently among the main thematic fields of psychology.
**Department**
Psychology
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Title**
2. Identify subdisciplines in psychology related to that top

**Tags**
184716, 1

**Learning Outcome**
Students will identify related subdisciplines in psychology and their primary contributions to

and scoring, actigraphy collection and scoring, magnetic resonance imaging (MRI) training, dim-light melatonin onset (DILMO) training, and/or data management skills according to the individual student's level of training and long-term goals.

| Title | Tags |
| --- | --- |
| Critical skills | 214341, 0, 3, 2023-08-29 12:02:58 |

**Learning Outcome**
Student(s) will demonstrate professional skills in critical, scientific, and ethical thinking.

the topic.Measurement:In-class quizzes and exams on the assigned reading.

| Title | Tags |
| --- | --- |
| 3. Proposal for a research approach to that topic. | 184783, 2 |

**Learning Outcome**
Students will identify primary means of scientific research in the topic, and formulate a proposal for additional research.Measurement: Author a proposal for original research in multiple drafts that includes a literature review, description of method and data analysis, statement of significance, references, and timeline and estimated budget.

| Title | Tags |
| --- | --- |
| 1. Develop understanding of a non-focal topic in psychology | 184895, 1 |

**Learning Outcome**
Students will develop their understanding of a psychological topic that is not focal in the undergraduate curriculum otherwise.

## PSYCH 399R - Academic Internship

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
399R
**Teaching Area**
PSYCH
**Course Title**
Academic Internship
**Course Description**
Supervised professional experiences linking academic learning with experience in the field of psychology.
**Department**
Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Simple Requisites**

## PSYCH 410R - Senior Practicum: Teaching of Psychology

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
410R
**Teaching Area**
PSYCH
**Course Title**
Senior Practicum: Teaching of Psychology
**Course Description**
Capstone experience as an undergraduate teaching assistant or Psych Central tutor or in other teaching-related activities, including research.
**Department**
Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 307 - Writing Within Psychology
  **AND** PSYCH 309 - Psychometrics
  **AND** PSYCH 310 - Psychological Research Design and Analysis

**Additional Comments:**

**Note**
NOTE: A maximum of 9 total internship credit hours from either Psych 399R or Psych 496R may be taken. NOTE: An APPROVED Internship Application is required before adding.

**Title**
1. Placement in a professionally enhancing work setting

**Tags**
184646, 1

**Learning Outcome**
The first and primary objective is the placement of each student in a professionally enhancing work setting. We intend to continuously improve the quality of internship experiences being offered through a process of continuous assessment of all internships, negotiations with agencies, and internship advisement and counseling of students at the beginning of the contractual process.

**Title**
2. Work experience connections to the content of psychology

**Tags**
184931, 2

**Learning Outcome**
Students will critically reflect on the connections between their work experience and the content of psychology and articulate these work-related insights.
Measurement: Short essays essay examinations, and applications book review.

**Title**
3. Professional skills and attitudes

**Tags**
184932, 3

**Learning Outcome**
Students will develop professional skills and attitudes through readings on professional etiquette, in-class presentations to classmates, and poster presentation at open house.
Measurement: Graded writing

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 307 - Writing Within Psychology
  **AND** PSYCH 310 - Psychological Research Design and Analysis
  **AND** PSYCH 309 - Psychometrics

**Additional Comments:**

**Other Prerequisites**
and instructor permission

**Title**
1. Skill in grading, mentoring, and/or teaching

**Tags**
184647, 1

**Learning Outcome**
Students will demonstrate skill in grading, mentoring, and /or teaching one or more areas of psychology. In addition to their applied work under a faculty mentor, they will be instructed in a "teaching of psychology" class.
Measurement: Student academic performance in this capstone will be assessed using multiple choice and short essay exams on the material from the class. Student application of teaching and grading practices and principles will be assessed through mentor evaluation of performance.

assignments, PowerPoint
presentation, and poster creation
and presentation.

## PSYCH 420R - Senior Practicum: Community Projects

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
420R
**Teaching Area**
PSYCH
**Course Title**
Senior Practicum: Community Projects
**Course Description**
Capstone experience in community-based service learning related to practice of psychology. Structured record of student's experience required.
**Department**
Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 307 - Writing Within Psychology
  **AND** PSYCH 309 - Psychometrics
  **AND** PSYCH 310 - Psychological Research Design and Analysis

**Additional Comments:**

**Other Prerequisites**
and instructor's consent.

**Title**
1. Application of psychology within a community setting
**Tags**
184648, 1

**Learning Outcome**
Students will demonstrate knowledge of the application of the principles of psychology within a community setting. Measurement: Application of psychological principles in a community setting will be assessed through a mentor evaluation.

## PSYCH 430R - Senior Practicum: Research in Psychology

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
430R
**Teaching Area**
PSYCH
**Course Title**
Senior Practicum: Research in Psychology
**Course Description**
Capstone experience in psychological research -- laboratory-based, field-based, or otherwise. Student typically works with a research team.
**Department**
Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ANY of the following Courses:**
- PSYCH 307 - Writing Within Psychology
  **AND** PSYCH 310 - Psychological Research Design and Analysis
  **AND** PSYCH 309 - Psychometrics
- PSYCH 307 - Writing Within Psychology
  **AND** PSYCH 310 - Psychological Research Design and Analysis
  **AND** PSYCH 312R - Advanced Methods

**Additional Comments:**

**Other Prerequisites**
and instructor's consent.
**Note**
Each one credit = 6 hours of work in the lab. So, three credits = 18 hours of time spent in the lab.

**Title**
1. Skill development in the research process
**Tags**
184649, 1

**Learning Outcome**
Students will demonstrate skill in several aspects of the research process: literature review and evaluation, data gathering, data analysis, writing, and publishing. Measurement: Student mastery

of the research process will be assessed from a paper prepared by the end of the semester in proper format for publication.

## PSYCH 492R - Supervised Instructional or Research Experience

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
492R

**Teaching Area**
PSYCH

**Course Title**
Supervised Instructional or Research Experience

**Course Description**
Course-related instructional activities or laboratory/field research.

**Department**
Psychology

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Note**
Each one credit = 6 hours of work in the lab. So, three credits = 18 hours of time spent in the lab.

**Title**
1. Demonstrated Skill in Instruction or Demonstrated Skill in Research

**Tags**
184933, 0

**Learning Outcome**
Student(s) will demonstrate skill in developing an instructional plan and lectures in an area of psychology, or skill in an area of psychological research.
Measurement: Student mastery of the instructional process or the

## PSYCH 495R - Independent Readings

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
495R

**Teaching Area**
PSYCH

**Course Title**
Independent Readings

**Course Description**
Supervised research experiences related to literature review in psychology.

**Department**
Psychology

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent

**Title**
1. Demonstrated Mastery of a Topic Area of Psychological Research

**Tags**
185006, 0

**Learning Outcome**
Student(s) will demonstrate mastery of a topic area of psychological research, obtained by their own independent scholarly work.
Measurement: Student mastery of the research area will be assessed from a paper prepared by the end of the semester.

of the instructional process of the research process will be assessed from a paper or other method of documentation prepared by the end of the semester.

## PSYCH 496R - Academic Internship, Capstone

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
496R
**Teaching Area**
PSYCH
**Course Title**
Academic Internship, Capstone
**Course Description**
An academic internship for those who are fulfilling their capstone requirement in their senior year.
**Department**
Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5
**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PSYCH 307 - Writing Within Psychology
  **AND** PSYCH 309 - Psychometrics
  **AND** PSYCH 310 - Psychological Research Design and Analysis

**Additional Comments:**

**Other Prerequisites**
senior standing.

## PSYCH 499R - Independent Research

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
499R
**Teaching Area**
PSYCH
**Course Title**
Independent Research
**Course Description**
Supervised research experiences related to data gathering, analysis, and writing in psychology.
**Department**
Psychology
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5
**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| 1. Demonstrated Skill in Research | 184935, 0 |

**Learning Outcome**
Student(s) will demonstrate skill in several aspects of the research process: literature review and evaluation, data gathering, data analysis, writing, and publishing. Measurement: Student mastery of the research area will be assessed from a paper prepared by the end of the semester.

**Note**
NOTE: The Psychology Department strongly recommends students register for 3 credits of academic internship in one semester (unless there is a unique, extenuating circumstance that justifies more). NOTE: An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Academic Internship, Capstone | 184934, 1 |

**Learning Outcome**
(1) The first and primary objective is the placement of each student in a professionally enhancing work setting. We intend to continuously improve the quality of internship experiences being offered through a process of continuous assessment of all internships, negotiations with agencies, and internship advisement and counseling of students at the beginning of the contractual process.
(2) Students will critically reflect on the connections between their work experience and the content of psychology and articulate these work-related insights.
(3) Students will develop professional skills and attitudes through readings on professional etiquette, in-class presentations to classmates, and poster presentation at open house.

## PSYCH 501 - Data Analysis in Psychological Research 1

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
501
**Teaching Area**
PSYCH
**Course Title**
Data Analysis in Psychological Research 1
**Course Description**
Using and interpreting major quantitative methods in psychology; some commonly used computer methods.
**Department**
Psychology
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

## PSYCH 502 - Data Analysis in Psychological Research 2

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
502
**Teaching Area**
PSYCH
**Course Title**
Data Analysis in Psychological Research 2
**Course Description**
Introduction to multivariate data analysis methods, including multivariate analysis of variance, factor analysis, discriminant analysis, multivariate multiple regression, canonical correlation, structural equations modeling, cluster analysis, etc.
**Department**
Psychology
**When Taught**
Fall

### Credit Hours

**Min**
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 308 - Psychological Statistics

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.
**Note**
Contains content featured in the Graduate Record Examination (GRE).

| Title | Tags |
|---|---|
| 1. Recognize and understand notation, formulae, and concepts | 206965, 0 |

**Learning Outcome**
Students will be able to recognize basic statistical notation, formulae, and concepts.
Measurement: This will be measured by quizzes and exams.

| Title | Tags |
|---|---|
| 2. Select appropriate method and evaluate results | 206966, 1 |

**Learning Outcome**
Students will be able to not only learn how to calculate the statistics we discuss, but also learn when such analyses would be appropriate and how to evaluate the results from statistical analyses.
Measurement: This will be measured by students' performance on homework assignments, quizzes, exams, and the end of semester project.

| Title | Tags |
|---|---|
| 3. Skill in formulae and software | 206967, 2 |

**Fixed**
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 501 - Data Analysis in Psychological Research 1

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags |
|---|---|
| 1. Read and understand statistical methods | 184720, 0 |

**Learning Outcome**
Students will be able to read and understand the statistical methods in virtually any empirical article.Measurement: This will be measured by quizzes and exams.

| Title | Tags |
|---|---|
| 3. Statistical software use and interpretation | 184738, 2 |

**Learning Outcome**
Students will be able to perform —using statistical software— interpret, and write up for publication the results of the multivariate statistical tests most commonly used in psychological science.Measurement: This will be measured by performance on a group course project, and also on exams.

| Title | Tags |
|---|---|
| 2. Select appropriate methods | 206969, 1 |

**Learning Outcome**
Students will be able to

Learning Outcome
Students will be able to use statistical formulae and statistical software–including interpreting the output from the formulae and software.
Measurement: This will be measured by students' performance on homework assignments and the end of the semester project.

Title
4. Apply statistical ideas to novel situations

Tags
206968, 3

Learning Outcome
Students will be able to apply statistical ideas and formulae to novel situations.
Measurement: This will be measured by students' performance on the end of semester project.

understand what statistical tests to use to answer specific research questions.
Measurement: This will be measured by quizzes and exams.

## PSYCH 503 - Research Measurement

### Course Information

Teaching Area (new)
PSYCH

Course Number
503

Teaching Area
PSYCH

Course Title
Research Measurement

Course Description
Classical true score and item response theories; estimation procedures for instrument reliability and validity.

Department
Psychology

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

## PSYCH 504 - Research Design

### Course Information

Teaching Area (new)
PSYCH

Course Number
504

Teaching Area
PSYCH

Course Title
Research Design

Course Description
Overview of designs used in psychotherapeutic literature, emphasizing critical analysis of empirical research.

Department
Psychology

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PSYCH 501 - Data Analysis in Psychological Research 1

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

**Title**
1. Thorough understanding of test and measurement theory

**Tags**
184753, 0

**Learning Outcome**
Students will become full-fledged psychometric ninjas. That is, students will develop a thorough understanding of test and measurement theory and their importance to science and practice in clinical psychology.Measurement: This objective will be assessed through students' contributions to class discussions and students' performance on homework assignments and exams.

**Title**
3. Develop a thoughtful, critical perspective

**Tags**
184761, 2

**Learning Outcome**
Students will develop a critical perspective of psychological testing by learning its strengths and limitations. "Critical" is used here to denote a thoughtful analysis rather than simply a negative perspective that focuses on limitations.Measurement: This objective will be achieved through class discussion, homework assignments, and exams.

**Title**
2. Statistical software to assess tests

**Tags**
184788, 1

**Learning Outcome**
Students will gain experience using the statistical analysis software (for example SPSS and

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Psych 501.

**Title**
1. Understanding of research design and methodology

**Tags**
184704, 0

**Learning Outcome**
Students will acquire a fundamental understanding of research design and methodology, and the thinking skills to develop and critique a research design.Measurement: This will be measured by exams and writing assignments.

**Title**
3. Working knowledge of APA ethical standards for research

**Tags**
184744, 2

**Learning Outcome**
Students will acquire a working knowledge of APA ethical standards for research with humans and animals.Measurement: This will be measured by in class conversations about the required reading, exams and assignments.

**Title**
2. Learn to use research design principles in own research

**Tags**
184754, 1

**Learning Outcome**
Students will learn to use research design principles in conducting their own research.Measurement: This will be measured by exams and writing assignments.

**Title**
4. Skill in developing and critiquing study design

**Tags**
184937, 3

**Learning Outcome**
Students will acquire skill in developing and critiquing a study from the standpoint of design and methodology. Measurement: This will be measured by exams and assignments.

AMOS) needed to develop and assess tests and measures used in psychology.Measurement: This objective will be achieved through homework assignments.

**Title**
4. Write clearly, concisely, and precisely about measures

**Tags**
184936, 3

**Learning Outcome**
Students will learn to speak and write about statistics in a way that is clear, concise, and precise. Measurement: This objective will be achieved through class discussion, homework assignments, and exams.

## PSYCH 505 - Clinical Research

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
505

**Teaching Area**
PSYCH

**Course Title**
Clinical Research

**Course Description**
Overview of research examining processes and outcomes of psychological treatments for psychological disorders.

**Department**
Psychology

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

## PSYCH 510 - History and Systems of Psychology

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
510

**Teaching Area**
PSYCH

**Course Title**
History and Systems of Psychology

**Course Description**
Survey of origins and development of modern psychology, including consideration of the schools and theoretical systems.

**Department**
Psychology

**When Taught**
Spring Term Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 504 - Research Design

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

**Title**
2. Evolution of themes and controversies

**Tags**
184734, 1

**Learning Outcome**
Students will assess the history and evolution of important themes and controversies that have influenced the current state of psychotherapy, such as the impact of managed care, shortened therapy time limits, and the push towards evidence-based practices.Measurement: Class presentations, essay exam.

**Title**
1. Describe and summarize effectiveness of therapy/interventions

**Tags**
184938, 0

**Learning Outcome**
Students will describe and summarize the effectiveness of psychological interventions as well as the effective ingredients of therapy.
Measurement: Class presentations, brief writing assignments.

**Title**
3. Implications of current research for the practice of psychotherapy

**Tags**
184939, 2

**Learning Outcome**
Students will discuss the implications of current research findings for the practice of psychotherapy and for their own professional practice.
Measurement: Essays questions.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 210 - A History of Psychology

**Additional Comments:**

**Other Prerequisites**
or equivalent; or instructor's consent
**Note**
Contains content featured in the Graduate Record Examination (GRE).

**Title**
1. Advanced critical thinking and analysis of assumptions

**Tags**
184589, 1

**Learning Outcome**
Students will employ advanced critical thinking skills by analyzing via comparison and contrast various assumptions regarding human nature that have traditionally guided and shaped contemporary psychological thought.

Measurement: Short essay format group quizzes and short analytic paper assignments.

**Title**
2. Identify and evaluate implications of assumptions

**Tags**
184590, 2

**Learning Outcome**
Students will identify and evaluate the various implications that these assumptions about human nature have for both the theory and the practice of contemporary psychology.
Measurement: Multiple choice quizzes, short essay format group quizzes, and short analytic paper assignments.

**Title**
3. Identify major figures and schools of thought

**Tags**
184591, 3

**Learning Outcome**
Students will identify the major figures and schools of thought that have made significant historical and conceptual contributions to the contemporary disciplinary landscape of psychology.
Measurement: Multiple choice

individual and group quizzes.

| Title | Tags |
| --- | --- |
| 4. Reasoned position on enduring questions and concerns | 184592, 4 |

**Learning Outcome**
Students will express a reasoned position on some of the enduring questions, issues, and concerns of the discipline of psychology that is faithful to the Restored Gospel of Jesus Christ.
Measurement: Short analytic paper assignments.

## PSYCH 511 - Philosophy of Science for the Social Sciences

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 511 |

**Teaching Area**
PSYCH
**Course Title**
Philosophy of Science for the Social Sciences
**Course Description**
Issues in philosophy of science as they apply to social sciences, including methods, epistemology, and construction of knowledge.
**Department**
Psychology
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent or admission to PhD program

| Title | Tags |
| --- | --- |
| 2. Critically evaluate issues | |

## PSYCH 512 - Qualitative Research Methods

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 512 |

**Teaching Area**
PSYCH
**Course Title**
Qualitative Research Methods
**Course Description**
Theories and methods of qualitative research emphasizing philosophical assumptions, question formulation, data gathering, interpretation, and presentation of findings.
**Department**
Psychology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent
**Note**
Contains content featured in the Graduate Record Examination (GRE).

| Title | Tags |
|---|---|
| 2. Critically evaluate issues, trends, schools of thought | 184712, 1 |

**Learning Outcome**
Students will critically evaluate via comparison and contrast these issues, trends, and schools of thought.Measurement: Analytic essays.

| Title | Tags |
|---|---|
| 1. Identify major issues, trends, and schools of thought | 184718, 0 |

**Learning Outcome**
Students will identify major issues, trends, and schools of thought in contemporary philosophy of social science.Measurement: Analytic essays.

| Title | Tags |
|---|---|
| 3. Articulate their own position on major issues | 184765, 2 |

**Learning Outcome**
Students will articulate their own position on major issues in contemporary philosophy of social science, with particular attention toward the theory and practice of psychology.Measurement: Term paper assignment.

| Title | Tags |
|---|---|
| 1. Identify and critically evaluate qualitative methods | 184714, 0 |

**Learning Outcome**
Students will identify and critically evaluate a broad range of qualitative methods of research in contemporary psychology.Measurement: Multiple choice quizzes/Analytic essays.

| Title | Tags |
|---|---|
| 3. Critically evaluate contemporary qualitative research | 184715, 2 |

**Learning Outcome**
Students will critically evaluate contemporary examples of qualitative research from a variety of traditions, as well as submit their own work in the course to such evaluation.Measurement: Analytic essays and critical review papers.

| Title | Tags |
|---|---|
| 2. Propose, design, and conduct a novel qualitative project | 184727, 1 |

**Learning Outcome**
Students will propose, design, and conduct a novel research project employing qualitative methods.Measurement: Course length research project.

## PSYCH 513R - Topics in Behavioral Neuroscience

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PSYCH | 513R |

**Teaching Area**
PSYCH
**Course Title**
Topics in Behavioral Neuroscience
**Course Description**
Advanced topics and skills in behavioral neuroscience.
**Department**
Psychology
**When Taught**
Contact Department

**Credit Hours**

## PSYCH 514 - Computational Neuroimaging Analysis

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PSYCH | 514 |

**Teaching Area**
PSYCH
**Course Title**
Computational Neuroimaging Analysis
**Course Description**
Development of skills in basic command line operations in the Unix environment that are specific to neuroimaging design and analysis.
**Department**
Psychology
**When Taught**
Contact Department

Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Psych 381 or equivalent or instructor's consent.

| Title | Tags |
| --- | --- |
| Topics in Beh Neuroscience | 184940, 1 |

Learning Outcome
(1) Students will demonstrate skill in several aspects of the research process including such things as: data gathering, data analysis, literature review and evaluation, writing, and publishing.

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Basic competency with command line scripting | 208188, 0, 1 |

Learning Outcome
Student will compute operations with command line scripting.

| Title | Tags |
| --- | --- |
| Basic knowledge of parallel computing environments and ability to use the BYU supercomputer: | 208189, 0, 2 |

Learning Outcome
Students will recognize parallel computer environments and demonstrate competency using the BYU supercomputer.

## PSYCH 515 - Neuroimaging Analysis 1: Structural Imaging

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 515 |

Teaching Area
PSYCH
Course Title
Neuroimaging Analysis 1: Structural Imaging
Course Description
Exposure to the physical and biological bases of image acquisition, the technologies of in vivo neuroimaging, the application of these technologies to understanding questions in neuroscience, and an introduction to the design and analysis of structural neuroimaging experiments.
Department
Psychology

## PSYCH 516 - Neuroimaging Analysis 2: Diffusion Weighted Imaging

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 516 |

Teaching Area
PSYCH
Course Title
Neuroimaging Analysis 2: Diffusion Weighted Imaging
Course Description
The principles of diffusion weighted image acquisition and how to design, analyze, and interpret diffusion tensor imaging experiments.
Department
Psychology
When Taught
Winter Even Years

When Taught
Fall Odd Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
PSYCH 514 (can be taken concurrently), or instructor's consent.

| Title | Tags |
| --- | --- |
| Physical bases of image acquisition | 208184, 0, 1 |

Learning Outcome
Students will be able to describe basic principles of MR physics as it pertains to image acquisition

| Title | Tags |
| --- | --- |
| Biological underpinnings of image acquisition | 208185, 0, 2 |

Learning Outcome
Students will be able to discuss and describe how various biological tissue classes are identified and processed during image acquisition.

| Title | Tags |
| --- | --- |
| Design and analysis of imaging experiments | 208186, 0, 3 |

Learning Outcome
Students will be able to operate, process and analyze structural imaging data using several standard neuroimaging toolkits

| Title | Tags |
| --- | --- |
| Evaluating the science of neuroimaging methodology | 208187, 0, 4 |

Learning Outcome

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Psych 514 (can be taken concurrently) and Psych 515. Or instructor's consent.

Learning Outcome
Students will be able to read, critique, and evaluate neuroimaging literature for its merit and scientific rigor.

## PSYCH 517 - Neuroimaging Analysis 3: fMRI

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
517
**Teaching Area**
PSYCH
**Course Title**
Neuroimaging Analysis 3: fMRI
**Course Description**
Functional MRI experimental design and data analysis methods.
**Department**
Psychology
**When Taught**
Fall Even Years

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Psych 514, 515, and 516. Or, instructor's consent.

## PSYCH 520 - Advanced Developmental Psychology

### Course Information

**Teaching Area (new)**
PSYCH
**Course Number**
520
**Teaching Area**
PSYCH
**Course Title**
Advanced Developmental Psychology
**Course Description**
Major research in developmental psychology, emphasizing theory, content, and methodology.
**Department**
Psychology
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 320 - Developmental Psychology: Childhood
  **AND** PSYCH 321 - Developmental Psychology: Adolescence
  **AND** PSYCH 322 - Developmental Psychology: Adulthood

**Additional Comments:**

**Other Prerequisites**
or equivalent; or instructor's consent

| Title | Tags |
| --- | --- |
| 2. Explain multifinality and equifinality | 184710, 1 |

**Learning Outcome**
Students will explain how similar experiences can lead to different outcomes (multifinality) and how similar outcomes can arise from different starting points (equifinality).Measurement: Take-home essay examinations and reaction papers based on the assigned textbook reading. Lead class discussions.

| Title | Tags |
| --- | --- |
| 1. Understand the developmental perspective | 184763, 0 |

**Learning Outcome**
Students will extend their understanding of and appreciation for the developmental perspective.Measurement: Take-home essay examinations and reaction papers based on the assigned textbook reading. Lead class discussions.

| Title | Tags |
| --- | --- |
| 3. Justify claim that phenotypes have developmental history | 184941, 2 |

**Learning Outcome**
Students will justify the claim that all phenotypic outcomes, including behaviors, have a developmental history. Measurement: Take-home essay exams and reaction papers based on the assigned textbook reading. Lead class discussions.

## PSYCH 531 - Organizational Psychology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 531 |

**Teaching Area**
PSYCH
**Course Title**
Organizational Psychology
**Course Description**
Personal and interpersonal aspects of organizational life: goal setting, decision making, problem solving, communication, control, leadership,

## PSYCH 540 - Personality Theory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 540 |

**Teaching Area**
PSYCH
**Course Title**
Personality Theory
**Course Description**
Contemporary theories of personality developed within the framework of major psychological systems.

motivation, and change.

**Department**
Psychology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 330 - Organizational Psychology

**Additional Comments:**

**Other Prerequisites**
or equivalent; or instructor's consent

| Title | Tags |
|---|---|
| 1. Understanding of major areas of I/O psychology | 184866, 1 |

**Learning Outcome**
Students will demonstrate a basic understanding of the major areas of organizational and industrial psychology, including human resources; leadership development; employee training, motivation, and satisfaction; group dynamics, organizational climate; and team-building.

| Title | Tags |
|---|---|
| 2. Apply organizational theory | 184867, 2 |

**Learning Outcome**
Students will learn to apply organizational theory to specific organizational situations.

**Department**
Psychology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 341 - Personality

**Additional Comments:**

**Other Prerequisites**
or equivalent; or instructor's consent

**Note**
Contains content featured in the Graduate Record Examination (GRE).

| Title | Tags |
|---|---|
| 1. Identify and distinguish the major personality theories | 184593, 1 |

**Learning Outcome**
Students will identify and distinguish the major personality theories of psychology and their specific features and content. Measurement: Multiple choice/critical analytic essays.

| Title | Tags |
|---|---|
| 2. Identify, compare, contrast, and evaluate assumptions | 184594, 2 |

**Learning Outcome**
Students will identify, compare and contrast, and critically evaluate the philosophical and theoretical assumptions that underlie these personality

| Title | Tags |
| --- | --- |
| 3. Organizational skills | 184868, 3 |

**Learning Outcome**
Students will acquire skill in collaborative teamwork, time management, self-motivation, and project planning.
Measurement: Evaluation of cooperative class assignments.

underlie these personality theories.
Measurement: Multiple choice/critical analytic essays.

| Title | Tags |
| --- | --- |
| 3. Conceptual tools of theory construction and evaluation | 184595, 3 |

**Learning Outcome**
Students will develop and demonstrate understanding of the conceptual tools of theory construction, analysis and evaluation.
Measurement: Critical analytic essays.

| Title | Tags |
| --- | --- |
| 4. Articulate their own position on major issues | 184596, 4 |

**Learning Outcome**
Students will articulate their own position on some of the major issues of personality theory, theory construction, and application of theory.
Measurement: Essay assignment.

## PSYCH 550 - Theory and Research in Social Psychology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 550 |

**Teaching Area**
PSYCH
**Course Title**
Theory and Research in Social Psychology
**Course Description**
Current theories and research on interaction with others.
**Department**
Psychology
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## PSYCH 552 - Applied Social Psychology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 552 |

**Teaching Area**
PSYCH
**Course Title**
Applied Social Psychology
**Course Description**
Overview of domains in which social psychological theory and research have been applied in field settings.
**Department**
Psychology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 350 - (Psych-Soc) Introduction to Social Psychology

**Additional Comments:**

**Other Prerequisites**
or equivalent; or instructor's consent
**Note**
Contains content featured in the Graduate Record Examination (GRE).

**Title**
1. Familiarity with social psychological theory and research

**Tags**
184651, 1

**Learning Outcome**
Students will acquire a deep familiarity with social psychological theory and social psychological research, and will demonstrate advanced competency in the field.
Measurement: Midterm and final essay exams.

**Title**
2. Summarize empirical research related to major topics

**Tags**
184652, 2

**Learning Outcome**
Students will be able to identify and find empirical research related to major topics in social psychology and write knowledgeable summaries of such research.
Measurement: Evaluation of class reports and written research summaries.

## PSYCH 555 - Group Dynamics

### Course Information

**Teaching Area (new)** **Course Number**

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 352 - Applied Social Psychology.

**Additional Comments:**

**Other Prerequisites**
or equivalent; or instructor's consent
**Note**
Contains content featured in the Graduate Record Examination (GRE).

**Title**
2. Conduct applied social psychological research

**Tags**
184713, 1

**Learning Outcome**
Students will meet with a client and develop, execute, and report the results of an applied research project.Measurement: Evaluation of written and oral report.

**Title**
1. Familiarity with applied social versus basic social

**Tags**
184719, 0

**Learning Outcome**
Students will understand the distinctions between basic and applied social psychology and will acquire an advanced understanding of and familiarity with the field of applied social psychology.Measurement: Midterm and final essay exams.

## PSYCH 565 - Motivational Psychology

### Course Information

**Teaching Area (new)** **Course Number**

PSYCH 555

**Teaching Area**
PSYCH

**Course Title**
Group Dynamics

**Course Description**
Theories and research on small-group processes and mass behavior.

**Department**
Psychology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

**Additional Comments:**

**Other Prerequisites**
or equivalent; or instructor's consent

| Title | Tags |
|---|---|
| Being considered for expiration. | 184844, 1 |

**Learning Outcome**
This course hasn't been taught recently. The department is in the process of evaluating whether to expire this course.

PSYCH 565

**Teaching Area**
PSYCH

**Course Title**
Motivational Psychology

**Course Description**
Theoretical, historical, and empirical overview; recent trends and issues; role of animal studies; methodological issues.

**Department**
Psychology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

**Additional Comments:**

**Other Prerequisites**
or equivalent; or instructor's consent.

**Note**
Contains content featured in the Graduate Record Examination (GRE).

| Title | Tags |
|---|---|
| 1. Synthesize a multi-perspectival psychology of motivation | 184735, 0 |

**Learning Outcome**
Students will synthesize a multi-perspectival psychology of motivation from a series of texts.Measurement: Take-home essay exams on assigned reading. Regular in-class conversation focused on student-submitted questions about the assigned reading.

**Title**
2. Compare and contrast the perspectives of the texts

**Tags**
184778, 1

**Learning Outcome**
Students will compare and contrast the perspectives represented by the texts.Measurement: Take-home essay exams on assigned reading. Regular in-class conversation focused on student-submitted questions about the assigned reading.

**Title**
3. Expound an issue that runs across the texts

**Tags**
184790, 2

**Learning Outcome**
Students will identify and expound on a self-selected issue that runs across the texts, and thus illustrate the multi-perspectival view.Measurement: Author a comparative essay in multiple drafts with peer- and instructor-review. In-class presentation summarizing the essay's argument.

## PSYCH 575 - Cognitive and Affective Processes

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
575

**Teaching Area**
PSYCH

**Course Title**
Cognitive and Affective Processes

**Course Description**
Theory and research in perception, attention, language, problem solving, and other thinking processes.

**Department**
Psychology

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

## PSYCH 578R - Seminar in Mathematical Psychology

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
578R

**Teaching Area**
PSYCH

**Course Title**
Seminar in Mathematical Psychology

**Course Description**
Variable topics concerning the application of mathematical and statistical methods to psychology, with emphasis on jointly publishing a methods paper.

**Department**
Psychology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PSYCH 370 - Sensation and Perception
  **AND** PSYCH 375 - Cognition

**Additional Comments:**

**Other Prerequisites**
or equivalents; or instructor's consent.
**Note**
Contains content featured in the Graduate Record Examination (GRE).

| Title | Tags |
|---|---|
| Knowledge of cognitive psychology | 208405, 1 |

**Learning Outcome**
Students will be able to develop a broad knowledge of the principles and findings of cognitive psychology. Assessed by: Exams

| Title | Tags |
|---|---|
| Knowledge of basic mental processes | 208406, 2 |

**Learning Outcome**
Students will be able to know how basic mental processes are influenced by affect, individual differences, and psychological/neurological disorders. Assessed by: Exams

| Title | Tags |
|---|---|
| Apply principles and findings | 208407, 3 |

**Learning Outcome**
Students will be able to apply these principles and findings to situations that they will encounter in their daily lives and in their careers. Assessed by:

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PSYCH 308 - Psychological Statistics

**Additional Comments:**

**Other Prerequisites**
or equivalent.

| Title | Tags |
|---|---|
| 2. Computational ability in advanced quantitative methods | 184869, 2 |

**Learning Outcome**
Students will be able to accurately perform the major calculations of the quantitative methods covered in the course. Measurement: Computational exam questions.

| Title | Tags |
|---|---|
| 1. Conceptual basis and theory of the topic(s) in advanced quantitative methods | 184870, 1 |

**Learning Outcome**
Students will be able to explain the rationale and the theoretical basis of the statistical/mathematical concepts, formulae, and notations.
Measurement: Essay exam questions

| Title | Tags |
|---|---|
| 3. Data analysis skills | 185007, 3 |

**Learning Outcome**
Students will acquire skill in using statistical/mathematical analysis applications to analyze

Exams, In-class presentations

| Title | Tags |
| --- | --- |
| Develop communication skills | 208408, 4 |

**Learning Outcome**
Students will be able to further develop their communication skills. Assessed by: In-class presentations

data sets.
Measurement: Test of computer analysis skill, using a collection of example data sets and a statistical analysis application.

## PSYCH 583 - Health Psychology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 583 |

**Teaching Area**
PSYCH
**Course Title**
Health Psychology
**Course Description**
In-depth examination of behavior from perspective of health and disease
**Department**
Psychology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 381 - Behavioral Neurobiology
  **AND** PSYCH 382 - Stress Psychobiology

## PSYCH 584 - Cognition, Affect, and Brain Function

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PSYCH | 584 |

**Teaching Area**
PSYCH
**Course Title**
Cognition, Affect, and Brain Function
**Course Description**
Basic principles of cognition and affect as they relate to normal brain function and following neural disease or injury.
**Department**
Psychology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Additional Comments:**

**Other Prerequisites**
or equivalents; or instructor's consent.
**Note**
Contains content featured in the Graduate Record Examination (GRE).

| Title | Tags |
|---|---|
| 1. Factors that influence health | 184708, 0, 0 |

**Learning Outcome**

Students will be able to identify and describe the psychosocial and spiritual and/or religious factors that influence health.

*Measurement:* short essay/paper; exams, quizzes.

| Title | Tags |
|---|---|
| 2.Apply factors to specific health conditions | 184742, 0, 1 |

**Learning Outcome**

Students will be able to critically analyze existing research to discern the relative impact of the psychosocial and spiritual/religious factors on a variety of chronic and acute health conditions.

*Measurement:* APA style paper or essay; class presentation.

| Title | Tags |
|---|---|
| 3. Interplay of psychosocial and behavioral components | 184736, 0, 2 |

**Learning Outcome**

Students will demonstrate comprehension of psychosocial and behavioral factors by explaining the interplay between psychological, social, and behavioral elements in determining health outcomes.

*Measurement:* short paper or essay; class presentation.

| Title | Tags |
|---|---|
| 4. Psychosocial model personal assessment | 214789, 0, 4 |

**Learning Outcome**

Students will be able to assess

**Complete ALL of the following Courses:**
- PSYCH 381 - Behavioral Neurobiology

Prerequisites

**Complete ALL of the following Courses:**
-

**Additional Comments:**

**Other Prerequisites**
or equivalent; or instructor's consent
**Note**
Contains content featured in the Graduate Record Examination (GRE).

| Title | Tags |
|---|---|
| 1. Brain systems and cognitive/emotional functions | 184752, 0 |

**Learning Outcome**
Students will extend their understanding of specific brain systems and the cognitive and emotional functions correlated with those systems.Measurement: Participation in class conversation about the required reading; in-class presentations on brain function or disorders; final examination.

| Title | Tags |
|---|---|
| 2. Approaches to the study of the brain, research methods | 184942, 1 |

**Learning Outcome**
Students will compare and contrast scientific approaches to the study of brain, cognition, and emotion; and describe specific structural and functional research methods. Measurement: Participation in class conversation about the required reading; in-class presentations and writing assignments.

| Title | Tags |
|---|---|
| 3. Brain injury and cognitive/emotional disorders | 184943, 2 |

**Learning Outcome**
Students will describe how brain injury can produce cognitive or emotional disorders or both and how the study of brain injury illustrates issues in the evaluation of research findings. Measurement: Author journal article critiques, final exam, and

and demonstrate how their own health behavior contributes to their own health.

*Measurement:* short paper or essay; graded journal; exam

**Title**
5. Health behavior and the influence on health

**Tags**
214790, 0, 5

**Learning Outcome**

Students will be able to critically evaluate empirical evidence to ascertain how specific behaviors influence health and disease risk.

*Measurement:* term paper or essay; exam

**Title**
6. Access to and use of health care

**Tags**
214791, 0, 6

**Learning Outcome**

Students will be able to evaluate how access to, and use of medical treatments impacts health outcomes, including sociocultural factors which interact with access and treatment.

*Measurement:* short paper or essay; graded journal; exam

in-class presentations.

## PSYCH 585 - Human Neuropsychology/Biological Bases of Behavior

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
585

**Teaching Area**
PSYCH

**Course Title**
Human Neuropsychology/Biological Bases of Behavior

**Course Description**
Critical study of brain-behavior relationships.

**Department**
Psychology

**When Taught**
Contact Department

## PSYCH 586 - Hormones and Behavior

### Course Information

**Teaching Area (new)**
PSYCH

**Course Number**
586

**Teaching Area**
PSYCH

**Course Title**
Hormones and Behavior

**Course Description**
Neural and endocrine mechanisms underlying behavior.

**Department**
Psychology

**When Taught**
Contact Department

**Credit Hours**

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 381 - Behavioral Neurobiology
  **AND** PSYCH 382 - Stress Psychobiology

**Additional Comments:**

**Other Prerequisites**
or equivalents; or instructor's consent.

| Title | Tags |
|---|---|
| 3. Apply understanding to clinical human neuropsychology | 184729, 2 |

**Learning Outcome**
Students will apply their understanding to clinical human neuropsychology.Measurement: Author a paper on a contemporary issue in human neuropsychology. The final exam will require analysis of specific human cases.

| Title | Tags |
|---|---|
| 1. Critical understanding of brain-behavior relationships | 184739, 0 |

**Learning Outcome**
Students will extend their critical understanding of brain-behavior relationships.Measurement: A series of exams, including a final exam, on the assigned textbook reading. Participation in class conversation about the required reading

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PSYCH 381 - Behavioral Neurobiology
  **AND** PSYCH 382 - Stress Psychobiology

**Additional Comments:**

**Other Prerequisites**
or equivalents; or instructor's consent

| Title | Tags |
|---|---|
| Being considered for expiration. | 184845, 1 |

**Learning Outcome**
This course hasn't been taught recently. The department is in the process of evaluating whether to expire this course.

reading.

| Title | Tags |
| --- | --- |
| 2. Integrate neuroanatomy with neurobiological functionality | 184776, 1 |

**Learning Outcome**
Students will integrate neuroanatomy with neurobiological functionality.Measurement: A series of exams, including a final exam, on the assigned textbook reading. Participation in class conversation about the required reading.

## PWS 100 - Plants in the Environment

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 100 |

**Teaching Area**
PWS
**Course Title**
Plants in the Environment
**Course Description**
Introduction to principles of plant function and diversity.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
PWS 100 counts as a GE course.

| Title | Tags |
| --- | --- |
| Effective Communication | 202849, 5 |

**Learning Outcome**

## PWS 101 - Cultural History of Medicinal Plants

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 101 |

**Teaching Area**
PWS
**Course Title**
Cultural History of Medicinal Plants
**Course Description**
A global perspective of how medicinal plants have shaped cultural history and how they are used to treat illness and disease. Issues relating to conservation, natural history, biodiversity, and cultural diversity.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall.

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman

Learning Outcome
Improve verbal and written communication

Title
Plants in the Environment
Tags
202854, 3

Learning Outcome
Provide a conceptual framework of how plants influence the environment

Title
Plant Biology Fundamentals
Tags
202887, 1

Learning Outcome
Demonstrate a fundamental knowledge of basic principles and concepts of plant biology (i.e., structure, function, and diversity)

Title
Plant Appreciation
Tags
202897, 2

Learning Outcome
Cultivate an appreciation for the central importance of plants in the way our world and human society functions

Title
Environmental Problems
Tags
202948, 4

Learning Outcome
Practice using the scientific method to better understand plant-environment interactions

Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

Title
Cultural Awareness
Tags
209443, 0, 3

Learning Outcome
Students will experience thoughtful reflection on the above, as demonstrated by the cultural reflection essays and the class project (paper and presentation).

Title
Cultural Awareness
Tags
209444, 0, 4

Learning Outcome
Students will develop greater empathy and charity, and will begin to gain a global perspective by learning to see themselves from another's point of view.

Title
Cultural History and Medicinal Plant Use
Tags
209445, 0, 5

Learning Outcome
Students will be able to explain and interpret a global history of how indigenous people can use plants to treat illnesses and disease.
Students will understand how the medicinal use of plants has helped shaped the history of cultures across the globe.
Students will be able to explain the difference between the Western philosophy of traditional medicine and local indigenous practices for treating illnesses and disease.
Students will be able to critically think about and analyze the differences and similarities of how cultures of the world treat illnesses and disease.
Students will be able to explain the limitations and myths associated with the herbal industry from an international perspective.
Students will be able to read and interpret peer reviewed literature on studies designed to show how human health has improved across the various cultures of the world by using herbal remedies.
Students will be able to explain why it is important to preserve

and protect sensitive habitat such as the tropical rainforests, which contain a wealth of biological information related to future drugs as yet undiscovered.

| Title | Tags |
| --- | --- |
| Cultural Awareness | 202837, 0, 2 |

**Learning Outcome**
Students will acquire informed awareness of a global culture outside their own, with the interplay of cultures, languages, and/or nations at an international level.

## PWS 103 - Residential Landscape Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 103 |

**Teaching Area**
PWS
**Course Title**
Residential Landscape Design
**Course Description**
Design and composition as applied to development of residential grounds.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register

## PWS 105 - Landscape Design Graphics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 105 |

**Teaching Area**
PWS
**Course Title**
Landscape Design Graphics
**Course Description**
Communication through descriptive drawing and professional plan graphics: plan views, elevation, color, and computer-aided design.
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
Type

at is.byu.edu.

| Title | Tags |
|---|---|
| Landscape Planning and Maintenance | 202933, 2 |

**Learning Outcome**
Discuss issues and challenges dealing with landscape planning and maintenance.

| Title | Tags |
|---|---|
| Nature | 202972, 3 |

**Learning Outcome**
Enjoy nature more

| Title | Tags |
|---|---|
| Professional Opportunities | 203004, 4 |

**Learning Outcome**
Explain professional opportunities related to landscape design.

| Title | Tags |
|---|---|
| Functional and Beautiful Landscapes | 203015, 0 |

**Learning Outcome**
Design residential landscapes that are both funtional and beautiful

| Title | Tags |
|---|---|
| Decision Making | 203023, 1 |

**Learning Outcome**
Make better decisions when purchasing plants and landscape construction materials

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PWS 103 - Residential Landscape Design

**Additional Comments:**

| Title | Tags |
|---|---|
| Drawing Style | 202804, 1 |

**Learning Outcome**
Have a clear and developed drawing style

| Title | Tags |
|---|---|
| Methods of Drawing | 202836, 0 |

**Learning Outcome**
Feel comfortable and confident with the different methods of drawing as they relate to landscape design

| Title | Tags |
|---|---|
| Communication | 202900, 2 |

**Learning Outcome**
Be able to produce drawings using graphics that clearly communicate and portray the design intent.

| Title | Tags |
|---|---|
| Quickness | 202947, 3 |

**Learning Outcome**
Develop drawing techniques that allow for quick design and those that allow for more professional design.

## PWS 110 - Sustainable Food Crop Systems

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PWS | 110 |

**Teaching Area**
PWS
**Course Title**
Sustainable Food Crop Systems
**Course Description**
An overview of the fundamentals of sustainable food crop systems, which will involve practical knowledge and assessment of small-scale food production, hydroponics, enhanced food security, and balanced land use.

## PWS 112 - Floral Design

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PWS | 112 |

**Teaching Area**
PWS
**Course Title**
Floral Design
**Course Description**
History and principles of floral design; identification, care, and handling of cut flowers; techniques of arranging flowers and other plant materials for home and professional use.
**Department**

**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

Plant & Wildlife Sciences
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Fee**
90
**Note**
NOTE: $90 class fee. NOTE: All sections meet together for lecture; labs are held separately. NOTE: Fulfills GE Arts requirement.

| Title | Tags |
|---|---|
| Principles | 202969, 0 |

**Learning Outcome**
Students will take a pre- and post-test for foundational principles related to floral design and will show learning by an increase of at least double the average score.

| Title | Tags |
|---|---|
| Design | 202990, 1 |

**Learning Outcome**
Students will learn how to build various floral arrangements and will successfully complete one design per week.

## PWS 115 - Introduction to Wildlife and Wildlands Conservation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PWS | 115 |

**Teaching Area**
PWS
**Course Title**

## PWS 135 - Safety Certifications for Field Biologists

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PWS | 135 |

**Teaching Area**
PWS
**Course Title**

Introduction to Wildlife and Wildlands Conservation
**Course Description**
Assisting students in choosing individual professions and curricula.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Career Opportunities and Development | 202918, 1 |

**Learning Outcome**
Student will be able to make an informed decision on majoring in Wildlife and Wildlands Conservation based on career opportunities and course work required to qualify for career positions.

| Title | Tags |
| --- | --- |
| Stewardship | 202973, 1 |

**Learning Outcome**
Students will be able to articulate stewardship responsibilities of managers to represent multiple uses of resources by multiple users with divergent opinions and perspectives.

Safety Certifications for Field Biologists
**Course Description**
Certification modules promoting field safety to prepare students to be leaders in workplace safety. Specific trainings include first aid, CPR, hot and cold weather exposure, ATV and snowmobile operation, wild animal safety, and more.
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PWS 115 - Introduction to Wildlife and Wildlands Conservation

**Additional Comments:**

## PWS 150 - Environmental Biology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 150 |

## PWS 155 - Careers in Environmental Science

### Course Information

**Teaching Area**
PWS
**Course Title**
Environmental Biology
**Course Description**
Conservation and management of natural resources concurrent with increasing socioeconomic and human population demands; factors such as soil, water, and air pollution, resources management, bioremediation, nutrient cycles, and global climate changes
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Fulfills GE requirements. Check core.byu.edu.

| Title | Tags |
|---|---|
| Global Environmental Issues | 203117, 2 |

**Learning Outcome**
Become fluent in the science of global environmental problems, movements, and solutions including biodiversity, ecosystem function, agriculture and food production, energy systems, water, urbanization, population dynamics, air quality, and climate.

| Title | Tags |
|---|---|
| Scientific Principles and Methods | 203118, 3 |

**Learning Outcome**
Apply the scientific method through simplified experiments with testable hypotheses. Learn to interpret experimental observations and data and how to communicate discoveries in written and verbal formats.

**Teaching Area (new)** **Course Number**
PWS 155
**Teaching Area**
PWS
**Course Title**
Careers in Environmental Science
**Course Description**
Career guidance and exposure to the multi-discipline fields of environmental science including resume building, internship placement, and professional networking.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| The Environment and Culture | 203119, 4 |

**Learning Outcome**
Discover how environmental quality and conservation is influenced by history, economy, and unique cultural perspectives.

| Title | Tags |
| --- | --- |
| Environmental Stewardship | 203003, 0, 5 |

**Learning Outcome**
Foster and promote environmental stewardship within your realm of influence and your community.

## PWS 168 - Personal Genomics: Me and My Genes

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 168 |

**Teaching Area**
PWS
**Course Title**
Personal Genomics: Me and My Genes
**Course Description**
For non-majors who may have a particular interest in biological and genetic principles as they apply to making informed decisions about health, medical care, and genealogy.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## PWS 180 - Climate Change: Science and Solutions

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 180 |

**Teaching Area**
PWS
**Course Title**
Climate Change: Science and Solutions
**Course Description**
Global climate change, including the scientific basis, cultural context, policy options, and spiritual implications.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Fundamental knowledge of genetics and genomics

**Tags**
203057, 1

**Learning Outcome**
Students can demonstrate foundational knowledge of genetics, and understanding of emerging concepts of personal genomics in medicine, health, and family history.

**Title**
Communication of genomic knowledge to peers in a group setting

**Tags**
203058, 2

**Learning Outcome**
Students can communicate effectively with classmates through oral, visual, and digital media and present a topic on 'personal genomics' in the news as part of a group.

**Title**
Social impacts of emerging genomics technologies

**Tags**
203059, 3

**Learning Outcome**
Students can analyze and evaluate global and local ethical issues in personal genomics, and how these issues impact individuals, families, and society.

**Title**
Genomics technologies and personal spirituality

**Tags**
203060, 4

**Learning Outcome**
Students can relate personal genomics concepts with teachings of the Restored Gospel, including discussions on evolution, Lamanite ancestry, and use of genomic data in family history.

**Title**
Analytical thought and problem solving

**Tags**
203061, 5

**Learning Outcome**
Students can apply sound thinking in applying personal genomics information to real-life situations.

## PWS 188 - Introduction to Genetics, Genomics, and Biotechnology

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
188

**Teaching Area**
PWS

**Course Title**
Introduction to Genetics, Genomics, and Biotechnology

**Course Description**
Orientation to the genetics and biotechnology major and introduction to the scientific field, including undergraduate mentored research, internships, extracurricular activities, professional careers, scientific literature, and applications of biotechnology in biomedicine, plant and animal improvement, and environmental remediation. Developing fluency in primary vocabulary of the discipline, familiarization with key technologies, writing reviews of primary literature and portfolio establishment, experiencing basic laboratory protocols.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Recommended**
PDBio 120 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Career path orientation. | 202808, 4 |

**Learning Outcome**
Students can describe a broad range of careers for geneticists and biotechnologists.

| Title | Tags |
| --- | --- |
| Fluency in genetics vocabulary. | 202822, 0 |

**Learning Outcome**

## PWS 191 - Introduction to Plant and Landscape Systems

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
191

**Teaching Area**
PWS

**Course Title**
Introduction to Plant and Landscape Systems

**Course Description**
Introduction to careers in the plant and landscape systems industry. Overview of professional opportunities presented by faculty and industry professionals.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

Students can understand and discuss basic concepts underlying genetics, biotechnology, and genomics.

**Title**
Orientation to experiential learning opportunities.

**Tags**
202890, 3

**Learning Outcome**
Students can identify and apply for undergraduate educational research opportunities (BYU mentored research and external internships).

**Title**
Familiarization with key technologies.

**Tags**
202911, 1

**Learning Outcome**
Students can explain basic operations and applications of existing and emerging technologies for applied genomics.

**Title**
Literature and writing in the primary discipline.

**Tags**
202949, 2

**Learning Outcome**
Students can readily access primary literature in the discipline and draw upon these sources to compose appropriately formatted literature reviews.

## PWS 198R - Plant and Landscape Systems Practicum

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
198R

**Teaching Area**
PWS

**Course Title**
Plant and Landscape Systems Practicum

**Course Description**
Multiple horticulture experiences through collaboration with BYU Grounds or other on-campus entities (e.g., Life Sciences Greenhouse, Life Sciences Interior Plants Program, Campus Floral, office of the campus landscape architect, office of the campus architect, and campus physical facilities)

**Department**
Plant & Wildlife Sciences

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent; concurrent employment with BYU Grounds Department or other on-campus entities (e.g., Life Sciences Greenhouse, Life Sciences Interior Plants Program, Campus Floral, office of the campus landscape architect, office of the campus architect, and campus physical facilities).

## PWS 199R - Academic Internship

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
199R

**Teaching Area**
PWS

**Course Title**
Academic Internship

**Course Description**
Work experience evaluated by supervisor and posted on student's transcript.

**Department**
Plant & Wildlife Sciences

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Consent of both department chair and internship coordinator.

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Job Experience

**Tags**
202901, 0

**Learning Outcome**
Students will find an entry level internship position with a high quality company and receive above average ratings from the employer.

## PWS 205 - Landscape Computer Applications

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
205
**Teaching Area**
PWS
**Course Title**
Landscape Computer Applications
**Course Description**
This introductory course focuses on becoming familiar and proficient with computer applications used for landscape design
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall Even Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PWS 103 - Residential Landscape Design

**Additional Comments:**

## PWS 211 - Hardscape Materials and Structures

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
211
**Teaching Area**
PWS
**Course Title**
Hardscape Materials and Structures
**Course Description**
Theory and mechanics of hardscape design and construction.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PWS 103 - Residential Landscape Design

**Additional Comments:**

## PWS 212 - Principles of Irrigation

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
212
**Teaching Area**
PWS
**Course Title**

## PWS 213 - Interior Plants and Landscapes

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
213
**Teaching Area**
PWS
**Course Title**

Principles of Irrigation

**Course Description**
Working methods of the plant and landscape systems industry: irrigation, equipment, and materials.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
PWS 211 or concurrent enrollment.

Interior Plants and Landscapes

**Course Description**
Overview of proven health, environmental, psychological, and productivity benefits by the inclusion of plants in the indoors; learn how plants clean the indoor air; identify cultural, artistic, and enriching ways interior plants are used today as in the past; learn the scientific and common names and understand the care, maintenance, and use of the scientifically top-rated plants based on their ecological benefits; plan, install, and maintain attractive and functional interior landscapes.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Principles | 202928, 0 |

**Learning Outcome**
Students will take a pre- and post-test for foundational principles related to this course and will show learning by an increase of at least double the average score.

| Title | Tags |
| --- | --- |
| Application | 203020, 1 |

**Learning Outcome**
Students will complete a class project that involves the use of foundation principles in this course and use this written project for their portfolio.

## PWS 214 - Bidding and Estimating

**Course Information**

## PWS 215 - Principles of Range Management

**Course Information**

## Course Information

**Teaching Area (new)**
PWS

**Course Number**
214

**Teaching Area**
PWS

**Course Title**
Bidding and Estimating

**Course Description**
Competitive bidding strategies, quantity takeoffs, bid analyses for construction and maintenance in the plant and landscape systems industry.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PWS 103 - Residential Landscape Design

**Additional Comments:**

**Other Prerequisites**
Math 110 or equivalent.

## Course Information

**Teaching Area (new)**
PWS

**Course Number**
215

**Teaching Area**
PWS

**Course Title**
Principles of Range Management

**Course Description**
Overview of rangeland resources and management principles, including rangeland classification, multiple use management, natural resource policy, and grazing management.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Research Reading and Writing

**Tags**
202828, 4

**Learning Outcome**
To improve reading and writing skills relating to scientific research

**Title**
Rangeland Physical Characteristics and Ecology

**Tags**
202908, 1

**Learning Outcome**
Describe rangeland physical characteristics, types, physiology, and ecology

**Title**
Rangelands Stewardship

**Tags**
202910, 1

**Learning Outcome**
To understand the principles of stewardship and how they apply to Rangelands

| Title | Tags |
| --- | --- |
| Rangeland Management | 202999, 2 |

**Learning Outcome**
To understand the importance of rangeland grazing, how it is managed, and nutrient needs of livestock and wildlife

| Title | Tags |
| --- | --- |
| Multi-use Management | 203034, 3 |

**Learning Outcome**
Describe multiple use management and its implications to wildlife and livestock

## PWS 216 - Plant and Landscape Lighting

### Course Information

**Course Number**
216
**Teaching Area**
PWS
**Course Title**
Plant and Landscape Lighting
**Course Description**
In this course, students will continually demonstrate gained knowledge of plant and landscape lighting systems. Students will learn the technical capabilities, design principles, and maintenance associated with landscape and horticultural lighting.
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

## PWS 220 - Trees

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 220 |

**Teaching Area**
PWS
**Course Title**
Trees
**Course Description**
Understand fundamental concepts dealing with the ecology, biology and care of trees, including how they affect the mental, emotional, and spiritual well-being of individuals.
**Department**
Plant & Wildlife Sciences
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
PWS 100, PWS 282

| Title | Learning Outcome |
| --- | --- |
| Knowledge of lighting systems | Students will be able to explain the concepts and principles of plant and landscape lighting systems |

| Title | Learning Outcome |
| --- | --- |
| Science of landscape and horticultural lighting | Students will be able to effectively implement horticultural lighting applying the principles of technical capabilities appropriate to the situation |

| Title | Learning Outcome |
| --- | --- |
| Design principles of landscape and horticultural lighting | Students will be able to design effective horticultural lighting systems and apply principles of landscape maintenance associated with horticultural lighting |

PWS 100, PWS 282

| Title | Tags |
| --- | --- |
| Biology, ecology, and culture of trees | 208259, 0, 1, 2019-03-12 16:50:28 |

Learning Outcome
Students will be able to understand fundamental concepts dealing with the ecology, biology, and culture of trees

| Title | Tags |
| --- | --- |
| Increased appreciation of trees and their value to nature and society | 208260, 0, 2, 2019-03-12 16:50:28 |

Learning Outcome
Students will be able to become more deeply interested in trees and the value they provide to nature and society

| Title | Tags |
| --- | --- |
| Communication and quantitative skills related to subject matter | 208261, 0, 3, 2019-03-12 16:50:28 |

Learning Outcome
Students will be able to improve in their communication and quantitative skills related to the subject matter

| Title | Tags |
| --- | --- |
| Awareness of landscapes as semi-managed ecosystems | 208262, 0, 4, 2019-03-12 16:50:28 |

Learning Outcome
Students will be able to increase their awareness of landscapes as semi-managed ecosystems in which tree-care specialists play a vital role

| Title | Tags |
| --- | --- |
| Career options in tree care | 208263, 0, 5, 2019-03-12 16:50:28 |

Learning Outcome
Students will be able to gain exposure to career options in tree care and with the basic features of a tree-care business

| Title | Tags |
| --- | --- |
| Pruning skills | 208264, 0, 6, 2019-03-12 16:50:28 |

Learning Outcome
Students will be able to develop competence in pruning

competence in pruning techniques

| Title | Tags |
| --- | --- |
| Tree-planting skills | 208265, 0, 7, 2019-03-12 16:50:28 |

**Learning Outcome**
Students will be able to learn how to properly plant trees

| Title | Tags |
| --- | --- |
| Spiritual appreciation of trees as creations of God | 208266, 0, 8, 2019-03-12 16:50:28 |

**Learning Outcome**
Students will be able to develop a spiritual appreciation of trees as creations of God and the role they have played in the lives of believers in the primitive and restored Church

## PWS 225 - Principles of Wildlife and Fisheries Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 225 |

**Teaching Area**
PWS
**Course Title**
Principles of Wildlife and Fisheries Management
**Course Description**
Basic principles of fish and wildlife management, their habitats, and their human users. Ecological concepts, population dynamics, nutrition, behavior, population assessment, management strategies, habitat sampling and management.
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## PWS 250 - Field Ecology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 250 |

**Teaching Area**
PWS
**Course Title**
Field Ecology
**Course Description**
Field techniques and analyses in international environments—investigating methods for sampling soils, water, and biota; designing field sampling efforts and experiments; collecting data from field manipulations for environmental impact assessment and monitoring; conducting statistical analyses to interpret data at multiple spatial and temporal scales; and linking ecological theory, application, and environmental stewardship and sustainability in a national and international context.
**Department**
Plant & Wildlife Sciences
**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Recommended**
PWS 115

| Title | Tags |
| --- | --- |
| Analytical Thinking | 202875, 3 |

**Learning Outcome**
Learning Outcome #4: Demonstrate the ability to apply the scientific method and analytical thinking to ecological and management issues.In this course students will be rigorously taught the scientific method and given opportunities to demonstrate the understanding through fish and wildlife management problem solving. They will have writing assignments that provide opportunities for the synthesis and expression of the depth of their understanding. The term paper required in this course may be used for one of the "three written papers relating to stewardship ethics and management situations" that will be placed in the student's portfolio required for graduation with a Wildlife and Wildlands Conservation BS degree.

| Title | Tags |
| --- | --- |
| Wildlife Identification and Function | 202940, 1 |

**Learning Outcome**
Learning Outcome #2: Identify wildland plants, soils, and wildlife species and understand how they function in the environment.This course introduces students to a number of wildlife and fish species, and basic ecological concepts as they relate to wildlife and fisheries. Students will understand the ecological roles, habitat needs, and interactions of fish and wildlife at various levels in an ecosystem

| Title | Tags |
| --- | --- |
| Stewardship and Professional Development | 202953, 0 |

**Learning Outcome**
Learning Outcome #1: Identify

### Lab Hours

**Fixed**
6

**Note**
The course will primarily be offered during international study abroad programs hosted by PWS.

Learning Outcome #1: Identify and articulate stewardship for the creation as a basis for professional judgment.This course not only provides an understanding of tools used by wildlife and fisheries managers to restore, revive, and maintain wildlife and fish populations, but also discusses our stewardship roles and responsibilities for those aspects of the creation.

**Title**
Ecological Processes

**Tags**
202971, 2

**Learning Outcome**
Learning Outcome #3: Apply an understanding of ecological processes to wildlife management.This course includes an extensive overview of basic ecological processes and how to use them for fish and wildlife management.

## PWS 270 - Animal Husbandry

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
270

**Teaching Area**
PWS

**Course Title**
Animal Husbandry

**Course Description**
Introduction to animal husbandry and management techniques for domestic and wild animals.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

## PWS 272 - Coding for Genetic Analysis

### Course Information

**Course Number**
272

**Teaching Area**
PWS

**Course Title**
Coding for Genetic Analysis

**Course Description**
Practical training in computational analysis of moderately-sized molecular biology datasets. Introduction to coding and graphics analysis in R and shell.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Lab Hours**

**Fixed**
3

**Title**
Livestock Husbandry and Management

**Tags**
203001, 1

**Learning Outcome**
Integrate livestock husbandry and management practices with wildlife management.

**Title**
Daily Care and Management

**Tags**
203014, 1

**Learning Outcome**
Learn important aspects of livestock stewardship through daily care and management.

**Title**
Livestock Production and Ecological Impact

**Tags**
203033, 2

**Learning Outcome**
Understand how livestock production can and will impact wildlife ecology.

**Fixed**
3

**Simple Requisites**

**Untitled Requirement**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- MMBIO 240 - Molecular Biology

**Additional Comments:**

**Title**
Biotechnology Skills and Practices

**Tags**
214345, 0, 1, 2023-08-29 12:05:38

**Learning Outcome**
Students will analyze different types of molecular biology datasets.

**Title**
Biotechnology Skills and Practices

**Tags**
214346, 0, 2, 2023-08-29 12:05:40

**Learning Outcome**
Students will demonstrate proficiency in basic coding to manipulate and graphically present molecular biology datasets.

**Title**
Quantitative Reasoning and Analysis

**Tags**
214347, 0, 3, 2023-08-29 12:05:42

**Learning Outcome**
Students will interpret the meaning of datasets generated using the methods above.

**Title**
Literature Summation and Discussion

**Tags**
214348, 0, 4, 2023-08-29 12:05:44

**Learning Outcome**
Students will organize their code and present results with clear accompanying text.

**Title**
Effective Teaching and Communication

**Tags**
214349, 0, 5, 2023-08-29 12:05:46

**Learning Outcome**
Students will be able to teach coding skills to their peers

## PWS 274 - Applied Biostatistics

### Course Information

**Course Number**
274
**Teaching Area**
PWS
**Course Title**
Applied Biostatistics
**Course Description**
Application-first statistics for biologists taught in the R environment.
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ANY of the following Courses:**
- BIO 130 - Biology
  **OR** CELL 120 - Science of Biology
  **OR** MMBIO 121 - General Biology: Health and Disease

**Additional Comments:**

**Recommended**
Basic understanding of R is encouraged but not required

**Title**
Perform appropriate statistical tests

**Tags**
214363, 0, 1, 2023-08-29 12:08:32

**Learning Outcome**
Students will be able to distinguish different data types (continuous, discrete, categorical, etc.).

## PWS 275 - Genetics and Reproduction.

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
275
**Teaching Area**
PWS
**Course Title**
Genetics and Reproduction.
**Course Description**
Principles of inheritance.
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Any general biology course

**Title**
Genetics and Natural Resource Management

**Tags**
202833, 1

**Learning Outcome**
Provide a foundation in the basic and applied principles of genetics for natural resource management andconservation.

**Title**
Stewardship and Professional Judgement

**Tags**
202843, 0

**Learning Outcome**
Identify and articulate principles of stewardship as a basis for professional judgment.

**Title**
Perform appropriate statistical tests

**Tags**
214364, 0, 2, 2023-08-29 12:08:34

**Learning Outcome**
For a given dataset, students will be able to assign a correct distribution and apply an appropriate statistical test to it in the R environment.

**Title**
Interpret results of statistical tests

**Tags**
214365, 0, 3, 2023-08-29 12:08:35

**Learning Outcome**
Students will be able to interpret the results of the statistical tests they perform, and evaluate experimental designs and statistical tests reported in the literature.

**Title**
Understand a statistical context for biological data

**Tags**
214366, 0, 4, 2023-08-29 12:08:37

**Learning Outcome**
Students will be able to explain basic principles in statistics and how biological data can be expected to be distributed.

**Title**
Understand a statistical context for biological data

**Tags**
214367, 0, 5, 2023-08-29 12:08:38

**Learning Outcome**
Students will also be able to analyze the strengths and weaknesses of various experimental design choices.

**Title**
Solve real-life problems in biology

**Tags**
214368, 0, 6, 2023-08-29 12:08:39

**Learning Outcome**
Students will prepare for the future by using statistics to explain and analyze real-world biology problems and interpret solutions.

**Title**
Effective and Faith-Based Communication

**Tags**
214369, 0, 7, 2023-08-29 12:08:41

**Learning Outcome**

**Title**
Genetics and Population Management

**Tags**
202926, 0

**Learning Outcome**
Apply knowledge of genetics to conservation and management of natural populations.

Learning Outcome
Students will be able to articulate how they approach the intersection of faith- and science-based inquiry

## PWS 282 - Soil Science

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
282

**Teaching Area**
PWS

**Course Title**
Soil Science

**Course Description**
Physical, chemical and microbiological properties of soils that affect plant growth in natural, agricultural, and urban environments.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
PWS 283 or concurrent enrollment.

**Title**
Soil Resource Management

**Tags**
202941, 2

**Learning Outcome**
Create a conceptual framework to help manage soil resources (i.e., animal habitat, plant nutrient fertility, salinity, soil and water quality, and wind and water erosion) in agricultural, urban, and ecological settings

**Title**

**Tags**

## PWS 283 - Soil Science Laboratory

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
283

**Teaching Area**
PWS

**Course Title**
Soil Science Laboratory

**Course Description**
Laboratory and field techniques in determining soil physical, chemical, and biological properties.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
PWS 282 or concurrent enrollment.

**Title**
Soil Assessment

**Tags**
202906, 1

**Learning Outcome**
Understand basic soil assessments related to soil chemistry, physics, biology, and nutrient fertility

**Title**
Soil Analysis, Classification, and Content

**Tags**
202984, 2

**Learning Outcome**

| Title | Tags |
| --- | --- |
| Current and Historical Soil Issues | 203022, 3 |

**Learning Outcome**
Understand the historical and current problems, and cultural concerns facing soils as a natural resource essential to human life

| Title | Tags |
| --- | --- |
| Critical Thinking | 203115, 1 |

**Learning Outcome**
Enhance critically thinking skills as they apply to soil resource management & conservation

| Title | Tags |
| --- | --- |
| Soil Chemistry, Physics, and Nutrition | 203116, 1 |

**Learning Outcome**
Demonstrate a fundamental knowledge of soil chemistry, genesis, microbiology, physics, taxonomy, and nutrient and water relations

**Learning Outcome**
Conduct basic soil methods in nutrient analysis; textural classification; and organic matter, cation exchange capacity, acidity, and alkalinity content

| Title | Tags |
| --- | --- |
| Laboratory Techniques | 203002, 1 |

**Learning Outcome**
Apply laboratory techniques to determine problems associated with soil resource conservation and management

## PWS 288 - Molecular Genetics Laboratory

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
288
**Teaching Area**
PWS
**Course Title**
Molecular Genetics Laboratory
**Course Description**
Mentored, systematic instruction in basic biotechnology techniques and their application in addressing molecular genetic research questions.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall Even Years

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
1

## PWS 292R - Introduction to Mentored Learning Experience

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
292R
**Teaching Area**
PWS
**Course Title**
Introduction to Mentored Learning Experience
**Course Description**
Introduction to mentored learning for undergraduates in the fields of environmental sciences; genetics, genomics, and biotechnology; landscape management; wildlife and wildlands conservation.
**Department**
Plant & Wildlife Sciences
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5
**Fixed**
1

### Lecture Hours

**Fixed**

Fixed
0

### Lab Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CELL 120 - Science of Biology
  **AND** CHEM 106 - General College Chemistry 2
  **AND** MMBIO 240 - Molecular Biology

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 106 - General College Chemistry 2
  **AND** MMBIO 121 - General Biology: Health and Disease
  **AND** MMBIO 240 - Molecular Biology

**Additional Comments:**

| Title | Tags |
|---|---|
| Laboratory Work | 202896, 2 |

**Learning Outcome**
Students can accurately document their laboratory work in a written journal (lab notebook)

| Title | Tags |
|---|---|
| Chemical Reagents | 202983, 1 |

**Learning Outcome**
Students can explain purposes of methods and chemical reagents for DNA isolation, amplification, cloning, sequencing, etc.

| Title | Tags |
|---|---|
| Key Machinery | 203008, 3 |

**Learning Outcome**
Students can demonstrate the roles and basic functions of key machinery used in genomic research

| Title | Tags |
|---|---|
| Laboratory Protocols | 203027, 1 |

Learning Outcome
Students can perform fundamental laboratory protocols in applied molecular biology

## PWS 301 - Plant Propagation

### Course Information

Teaching Area (new)
PWS

Course Number
301

Teaching Area
PWS

Course Title
Plant Propagation

Course Description
Scientific principles of plant propagation by seeds, cuttings, budding and grafting, and tissue culture.

Department
Plant & Wildlife Sciences

When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
2

Other Prerequisites
PWS 100 or equivalent

| Title | Tags |
| --- | --- |
| Principles | 202907, 0 |

Learning Outcome
Students will take a pre- and post-test for foundational principles related to this course and will show learning by an increase of at least double the average score.

| Title | Tags |
| --- | --- |

## PWS 303 - Soil Conservation and Management

### Course Information

Teaching Area (new)
PWS

Course Number
303

Teaching Area
PWS

Course Title
Soil Conservation and Management

Department
Plant & Wildlife Sciences

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
PWS 100 or equivalent; PWS 282, Chem 105 (or 101), Math 110 or equivalent

Recommended
Geol 111

| | |
|---|---|
| Application | 202931, 1 |

**Learning Outcome**
Students will complete a class project that involves the use of foundation principles in this course and use this written project for their portfolio.

## PWS 303 - Soils Conservation and Resources

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PWS | 303 |

**Teaching Area**
PWS
**Course Title**
Soils Conservation and Resources
**Course Description**
Taxonomy of world soils; conservation and management of agricultural, wildland, wetland, and urban soils.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** PWS 282 - Soil Science

## PWS 305 - Watershed Ecology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PWS | 305 |

**Teaching Area**
PWS
**Course Title**
Watershed Ecology
**Course Description**
Applications in catchment hydrology and ecosystem ecology to quantify energy and nutrient flow through watersheds. An overview of major biogeochemical cycles. Identification and description of interactions between human society and health of soil, surface water, and groundwater.\n
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PWS 282 - Soil Science

**Additional Comments:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 101 - Introductory General Chemistry
  **AND** PWS 282 - Soil Science

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** PWS 282 - Soil Science

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 101 - Introductory General Chemistry
  **AND** PWS 282 - Soil Science

**Additional Comments:**

| Other Prerequisites | Recommended |
|---|---|
| PWS 100 or equivalent; Math 110 or equivalent | Geol 111 |

| Title | Tags |
|---|---|
| Soil Physical Properties | 202821, 0 |

**Learning Outcome**
Understand soil physics, chemistry, taxonomy, and water movement to maintain natural resources.

| Title | Tags |
|---|---|
| Soil Taxonomy and Classification | 202945, 2 |

**Learning Outcome**
Understand the history, development, and terminology associated with USDA Soil Taxonomy and be familiar with other soil taxonomic systems. Recognize soil orders and suborders from the physical and chemical characteristics of the soil

| Title | Tags |
|---|---|
| Conservation | 203010, 1 |

**Learning Outcome**
Apply soil conservation practices

**Recommended**
PWS 100 or equivalent; Math 110 or equivalent, Chem 101, 105, or equivalent.

| Title | Tags |
|---|---|
| Critical Thinking Skills | 202823, 2 |

**Learning Outcome**
Enhance critically thinking skills as it relates to issues in water quality management and resource conservation

| Title | Tags |
|---|---|
| Mathematical and Statistical Skills | 202834, 3 |

**Learning Outcome**
Improve mathematical and statistical skills related to nutrient, salinity, sodicity, and toxicity evaluation and management

| Title | Tags |
|---|---|
| Soil and Water | 202869, 1 |

**Learning Outcome**
Evaluate case studies in current topics soil and water quality

| Title | Tags |
|---|---|
| Soil-Water-Atmosphere Interactions | 202956, 1 |

**Learning Outcome**
Demonstrate a fundamental knowledge in water quality and water resource conservation as influenced by soil-water-atmosphere interactions

Apply soil conservation practices and principles to regions sensitive to soil degradation.

## PWS 306 - Watershed Ecology Laboratory

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
306

**Teaching Area**
PWS

**Course Title**
Watershed Ecology Laboratory

**Course Description**
Learning and applying principles of watershed ecology to address real-world questions and environmental problems.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Concurrent enrollment in PWS 305.

| Title | Tags |
|---|---|
| Investigative Techniques | 202819, 1 |

**Learning Outcome**
Gain a fundamental understanding of the investigative techniques necessary to solve problems associated with water and soil resources and management

| Title | Tags |
|---|---|
| Statistical Skills | 202964, 2 |

**Learning Outcome**
Improve mathematical and

## PWS 315 - Conflict Resolution Management

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
315

**Teaching Area**
PWS

**Course Title**
Conflict Resolution Management

**Course Description**
Modern techniques associated with resolution of conflicts surrounding natural resources.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Diverse User Groups | 203037, 1 |

**Learning Outcome**
Students will be able to recognize that natural resources management requires a balanced review of perspectives of various user and interest groups.

| Title | Tags |
|---|---|
| Conflict Resolution | 203038, 2 |

**Learning Outcome**
Students will be able to productively engage the conflict resolution process as it relates to

improve mathematical and statistical skills related to nutrient, salinity, sodicity, and toxicity evaluation and management

| Title | Tags |
| --- | --- |
| Diagnostic Steps | 202998, 1 |

Learning Outcome
Understand the basic diagnostic steps to test water and soil quality

resolution process as it relates to natural resource management.

| Title | Tags |
| --- | --- |
| Deepen understanding of conflict resolution methods | 203050, 3 |

Learning Outcome
Students will become aware of diverse strategies to be employed in resolving conflcts.

## PWS 316 - Advanced Scientific Writing for Genetics Majors

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 316 |

**Teaching Area**
PWS
**Course Title**
Advanced Scientific Writing for Genetics Majors
**Course Description**
Course for the genetics and biotechnology major that focuses on field-specific scientific communication including reading, writing, and presenting.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- CELL 360 - Cell Biology

## PWS 319 - Grasses in Urban and Natural Environments

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 319 |

**Teaching Area**
PWS
**Course Title**
Grasses in Urban and Natural Environments
**Course Description**
Design, installation, and management of agricultural and urban grass systems. Physiological and soil interaction principles of grass management.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Gain Appreciation for Importance of Turfgrass | 202782, 1 |

Learning Outcome

- CELL 380 - Cell Biology
  **AND** PWS 340 - Genetics

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Experimental Approaches | 214350, 0, 1, 2023-08-29 12:06:13 |

**Learning Outcome**
Students can describe a variety of techniques and experimental approaches used by biotechnologists to improve plants, animals, microbes and human health.

| Title | Tags |
| --- | --- |
| Oral Presentation | 214351, 0, 2, 2023-08-29 12:06:15 |

**Learning Outcome**
Students can deliver an oral presentation to communicate scientific ideas and experimental approaches to an audience of their peers.

| Title | Tags |
| --- | --- |
| Written Communication | 214352, 0, 3, 2023-08-29 12:06:17 |

**Learning Outcome**
Students can produce a written review synthesizing scientific findings related to recent biotechnological advances.

| Title | Tags |
| --- | --- |
| Written Communication | 214353, 0, 4, 2023-08-29 12:06:18 |

**Learning Outcome**
Students can write a proposal to secure funding for experimental research related to a specific biological question.

| Title | Tags |
| --- | --- |
| Written Communication | 214354, 0, 5, 2023-08-29 12:06:19 |

**Learning Outcome**
Students can write an article for a nonscientific audience to communicate scientific ideas and research results.

Students will be given a pre- and post-class attitude survey to access their understanding and appreciation of the importance of turfgrass in terms of aesthetics, environmental quality, and athlete/child safety with a goal of the score doubling (on average) at the end of semester.

| Title | Tags |
| --- | --- |
| Identify Career Possibilities in Turfgrass Science | 202797, 2 |

**Learning Outcome**
Students will conduct a research project to the point of having a written manuscript that is in draft form in order to show them the possibility of doing a graduate program. Also, students will write a short paper on how turfgrass science is important in their anticipated field of choice.

| Title | Tags |
| --- | --- |
| Pass Turfgrass Certification Exam | 202965, 0 |

**Learning Outcome**
Students will become compentant enough to pass a mock up of the Turfgrass Certification exam patterned after the industry standard.

## PWS 320 - Sustainable Plant Systems

### Course Information

## PWS 324 - Wildlife Law Enforcement

### Course Information

## Course Information

**Teaching Area (new)**
PWS

**Course Number**
320

**Teaching Area**
PWS

**Course Title**
Sustainable Plant Systems

**Course Description**
In this course, students will gain knowledge of global food systems, field agriculture and controlled environment horticulture. Instruction will be given on developing solutions for and becoming proficient in improving domestic and global food security.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- PWS 100 - Plants in the Environment

Prerequisites
**Complete ALL of the following Courses:**
- PWS 110 - Sustainable Food Crop Systems

**Additional Comments:**

## Course Information

**Teaching Area (new)**
PWS

**Course Number**
324

**Teaching Area**
PWS

**Course Title**
Wildlife Law Enforcement

**Course Description**
Current and historical principles of federal and state wildlife law enforcement, case development, evidence, evaluation, human rights, and testimony.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Bio 100 or equivalent.

**Title**
Exposure to process and methods of law enforcement

**Tags**
202778, 2

**Learning Outcome**
Gain exposure to the methods and process of wildlife law enforcement

**Title**
Interact with professionals

**Tags**
202863, 1

**Learning Outcome**
Interact with professionals in the field

**Title**
Familiarity with wildlife laws

**Tags**
202935, 0

**Learning Outcome**
Become familiar with significant wildlife laws

## PWS 325 - Fisheries and Wetlands Management

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
325

**Teaching Area**
PWS

**Course Title**
Fisheries and Wetlands Management

**Course Description**
Principles of fisheries and wetlands mangement, emphasizing managing fish populations and their diverse micro- and macro-habitats within the context of community and ecosystem dynamics. Case studies and models used to evaluate growth, recruitments, and mortality in age-structured populations in relationship to the dynamics of watershed and wetland landscapes.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Recommended**
PWS 225 or equivalent

**Title**
Fishery and Wetlands Ecology

**Tags**
202903, 1

**Learning Outcome**
Understand ecological aspects of fisheries and wetland systems.

**Title**
Concept Integration

**Tags**
202921, 2

**Learning Outcome**
Integrate concepts taught in class to other ecological systems.

## PWS 330 - Rangeland Plant Identification and Ecology

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
330

**Teaching Area**
PWS

**Course Title**
Rangeland Plant Identification and Ecology

**Course Description**
Identification, characteristics, phenology, distribution, site adaptation, forage value, and response to management of significant range and pasture plants.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Title**
North American Range Plant Identification

**Tags**
203005, 0, 1

**Learning Outcome**
Students will be able to sight identify approximately 240 common range plants of North America by their scientific name using distinguishing characteristics both in the field and with collected specimens.

**Title**
Grass Identification

**Tags**
203011, 0, 1

**Learning Outcome**
Students will demonstrate knowledge of major grass tribes

| Title | Tags |
| --- | --- |
| Fishery and Wetlands Management | 202962, 1 |

**Learning Outcome**
Learn important aspects of fisheries and wetland management.

and several families of flower plants, particular to those found in the Intermountain West.

| Title | Tags |
| --- | --- |
| Mastery of Morphology and Terminology | 202891, 0, 2 |

**Learning Outcome**
Students will demonstrate a mastery of plant morphology and associated technical terminology.

| Title | Tags |
| --- | --- |
| Dichotomous Key | 211322, 0, 3 |

**Learning Outcome**
Students will apply the terminology, tools, and techniques for identifying plants using dichotomous keys for native and introduced plants.

| Title | Tags |
| --- | --- |
| Specimen Collection and Preparation | 211323, 0, 4 |

**Learning Outcome**
Students will collect and prepare plant specimens with the necessary herbarium label information.

| Title | Tags |
| --- | --- |
| Ecological Context | 211324, 0, 5 |

**Learning Outcome**
Students will understand the context in which a plant is found and the opportunities and challenges of important rangeland plants related to wildland management.

## PWS 331 - Science of Plant Pest Control.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 331 |

**Teaching Area**
PWS
**Course Title**
Science of Plant Pest Control.
**Course Description**
Management of plant health problems, namely weed, insect, and

## PWS 335 - Comparative Animal Nutrition

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 335 |

**Teaching Area**
PWS
**Course Title**
Comparative Animal Nutrition
**Course Description**
Comparative digestion, absorption, and utilization of nutrients and

Management of plant health problems, namely weed, insect, and disease, through integrated pest management and proper pesticide management and safety.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Communication | 202783, 5 |

**Learning Outcome**
Improve communication and interpersonal skills.

| Title | Tags |
| --- | --- |
| Plant Pest Control | 202801, 1 |

**Learning Outcome**
Identify various plant pest control measures.

| Title | Tags |
| --- | --- |
| Critical Thinking | 202978, 0 |

**Learning Outcome**
Enhance critical thinking skills.

| Title | Tags |
| --- | --- |
| Pest Management | 202988, 0 |

**Learning Outcome**
Develop a framework for decision-making and implementation in applied pest management and ecology.

| Title | Tags |
| --- | --- |
| Pest Management | 202989, 0 |

Comparative digestion, absorption, and utilization of nutrients and nutritional applications of domestic, pet, and wildlife species.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Cellular metabolism | 202803, 2 |

**Learning Outcome**
Apply the roles of nutrients in cellular metabolism.

| Title | Tags |
| --- | --- |
| Nutrient deficiencies and function | 202813, 3 |

**Learning Outcome**
Explain how nutrient deficiencies affect body function and performance.

| Title | Tags |
| --- | --- |
| Nutrient requirements | 202853, 1 |

**Learning Outcome**
Demonstrate an understanding how changes in digestive systems affect both nutrient requirements and affect feeding types and systems.

| Title | Tags |
| --- | --- |
| Digestive systems in animals | 202944, 0 |

**Learning Outcome**
Demonstrate an understanding of the diverse digestive systems in the animal kingdom.

Pest Management 202989, 0

Learning Outcome
Recommend control options for plant pest management.

| Title | Tags |
| --- | --- |
| Pesticides | 203017, 0 |

Learning Outcome
Safely and accurately apply plant pesticides in urban and agricultural environments.

| Title | Tags |
| --- | --- |
| Feed formulation | 203024, 4 |

Learning Outcome
Demonstrate knowledge of animal feed formulation.

## PWS 340 - Genetics

### Course Information

Teaching Area (new)
PWS
Course Number
340
Teaching Area
PWS
Course Title
Genetics
Course Description
Genetic mechanisms, their fundamental nature, interactions, and applications to human affairs. Genetics in quantitative terms. Extensive practice in problem solving.
Department
Plant & Wildlife Sciences
When Taught
Fall and Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites
Fulfill ANY of the following requirements:

## PWS 344 - Natural History of Wildlife

### Course Information

Teaching Area (new)
PWS
Course Number
344
Teaching Area
PWS
Course Title
Natural History of Wildlife
Course Description
Wildlife species and their habitats, including ecology, life histories, adaptations, behavior, genetics and population viability variables, and the ethics of global stewardship. Field trips required.
Department
Plant & Wildlife Sciences
When Taught
Winter

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Recommended
PWS 225 or equivalent

| Title | Tags |
| --- | --- |
| Natural History Fundementals | 202792, 2 |

Learning Outcome
Be able to define “natural

Fulfill ANY of the following requirements:

Prerequisites

**Complete ALL of the following Courses:**

- MMBIO 240 - Molecular Biology

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 381M - Fundamentals of Biochemistry

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 481 - Biochemistry.

**Additional Comments:**

| Title | Tags |
|---|---|
| Variance Components | 202795, 6 |

**Learning Outcome**
Students can dissect quantitative traits into environmental and genetic variance components.

| Title | Tags |
|---|---|
| Data Set Analysis | 202805, 3 |

**Learning Outcome**
Students can demonstrate ability to analyze and apply Chi-square goodness-of-fit tests to complex geneticdata sets involving segregation and Hardy-Weinberg equilibrium models.

| Title | Tags |
|---|---|
| Evolutionary Phylogenies | 202815, 5 |

**Learning Outcome**
Students can use genetic data (DNA or amino acid sequence) to reconstruct basic evolutionary phylogenies.

| Title | Tags |
|---|---|
| Linkage Maps | 202826, 1 |

**Learning Outcome**
Students can construct two- and three-point linkage maps.

| Title | Tags |
|---|---|
| Gene Annotation | 202986, 2 |

**Learning Outcome**
Students can display fluency in interpreting gene annotation and nomenclature in GenBank

history" and be able to describe basic concepts and principles that comprise the natural history of an organism

| Title | Tags |
|---|---|
| Ecology Problem Solving | 202802, 1 |

**Learning Outcome**
In this course, students will be rigorously taught the scientific method and given opportunities to demonstrate the understanding through wildlife ecology problem solving. They will have writing assignments that provide opportunities for the synthesis and expression of the depth of their understanding.

| Title | Tags |
|---|---|
| Wildlife and Fisheries | 202868, 1 |

**Learning Outcome**
This course introduces students to a number of wildlife and fish species, and basic ecological concepts as they relate to wildlife and fisheries. Students will understand the biology, ecological roles, habitat needs, ecological adaptations, and interactions of fish and wildlife at various levels in an ecosystem.

| Title | Tags |
|---|---|
| Critical Reading and Thinking | 202884, 4 |

**Learning Outcome**
Develop critical reading and thinking skills

| Title | Tags |
|---|---|
| Effective Communication | 202914, 5 |

**Learning Outcome**
Improve oral and written communication skills

| Title | Tags |
|---|---|
| Lifestyle Diversity in Vertebrates | 202992, 3 |

**Learning Outcome**
Gain an appreciation for the diversity of lifestyles among vertebrates

records.

| Title | Tags |
| --- | --- |
| Inheritance Patterns | 203028, 4 |

**Learning Outcome**
Students can identify differences between extranuclear, autosomal and sex-linked inheritance patterns.

## PWS 350 - Rangeland Ecology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 350 |

**Teaching Area**
PWS
**Course Title**
Rangeland Ecology
**Course Description**
Distribution and abundance of organisms and their interactions with the physical and biotic components of the earth emphasizing rangeland ecosystems.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Other Prerequisites**
PWS 150 or Bio 100 or Bio 130 or PDBio 120.

| Title | Tags |
| --- | --- |
| Ecology and Interdisciplinary Connectivity | 202800, 4 |

**Learning Outcome**
See the connectivity and relevance of ecology to other

## PWS 355 - Rangeland Vegetation Measurements and Analysis

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 355 |

**Teaching Area**
PWS
**Course Title**
Rangeland Vegetation Measurements and Analysis
**Course Description**
Field methodologies for vegetation inventories and analysis (density, biomass, cover, frequency, utilization, etc.) in wildland settings.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PWS 330 - Rangeland Plant Identification and Ecology

fields of study.

| Title | Tags |
| --- | --- |
| Ecology and Biodiversity | 202856, 1 |

**Learning Outcome**
Demonstrate a fundamental knowledge of ecological principles and the multiple dimensions of biodiversity.

| Title | Tags |
| --- | --- |
| Ecology and Human Well-Being | 202889, 5 |

**Learning Outcome**
Understand the importance of ecology to issues regarding human well-being.

| Title | Tags |
| --- | --- |
| Global and Geologic Processes | 202892, 3 |

**Learning Outcome**
Understand how global and geologic processes affect life on earth.

| Title | Tags |
| --- | --- |
| Soil, Water, and Air Ecology | 202994, 2 |

**Learning Outcome**
Possess a working knowledge of the ecology relating to soil, water, and air conservation.

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Lab Exercises and Write-ups | 202816, 1 |

**Learning Outcome**
Students will be able to demonstrate, through lab exercises and write-ups, an understanding of ecological processes that drive secondary succession in wildland ecosystems which in turn impact management decisions.

| Title | Tags |
| --- | --- |
| Vegetation Data Collection Techniques | 202977, 1 |

**Learning Outcome**
Students will be able to apply vegetation data collection techniques to quantify vegetation and make interpretations used in resource management decisions.

## PWS 357 - Techniques for Wildlife Investigations and Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 357 |

**Teaching Area**
PWS
**Course Title**
Techniques for Wildlife Investigations and Management
**Course Description**
Investigatiion and management of fish and wildlife populations. Methods for population assessment, capture, handling, marking, radio-telemetry, behavioral studies, and human disturbance. Lab is required.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

## PWS 365 - Biogeochemistry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 365 |

**Teaching Area**
PWS
**Course Title**
Biogeochemistry
**Course Description**
We will explore the fundamental principles of biogeochemistry, focusing on cycles of carbon, nitrogen, phosphorus, and sulfur in aquatic, terrestrial, and atmospheric systems. Special attention will be given to the microbial-mediated transformations of nutrients, organic pollutants, and heavy metals, and the impact of human disturbances in natural and urbanizing soils and water.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PWS 330 - Rangeland Plant Identification and Ecology

**Additional Comments:**

**Recommended**
PWS 350, 355

**Title**
Wildlife Investigation and Management Methodologies

**Tags**
202946, 0, 1

**Learning Outcome**
1) Wildlife Investigation and Management Methodologies
Students will be able to perform rigorous literature reviews, to apply the scientific method for wildlife-related problem solving, to evaluate research and management data objectively, and to communicate results effectively.

2) Stewardship and Professional Judgement
Students will be able to identify and articulate principles of stewardship as a basis for professional judgment.

3) Plant and Wildlife Identification
Students will be able to identify wildland plants and wildlife species common to the Great Basin and describe how they function in the environment.

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PWS 305 - Watershed Ecology

**Additional Comments:**

4) Wildlands Management
Students will be equipped to apply knowledge of ecology to wildlife and wildlands management.

5) Tools, Techniques, and Application
Students will be able to apply tools, techniques, analytical thought, and the scientific method to ecological and management issues.

## PWS 366 - Biogeochemistry Laboratory

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
366
**Teaching Area**
PWS
**Course Title**
Biogeochemistry Laboratory
**Course Description**
Field, laboratory, and statistical techniques investigating the fundamental principles of biogeochemistry, focusing on cycles of carbon, nitrogen, phosphorus, and sulfur in aquatic, terrestrial, and atmospheric systems. Special attention will be given to the microbial-mediated transformations of nutrients, organic pollutants, and heavy metals, and the impact of human disturbances in natural and urbanizing soils and water.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

#### Credit Hours

**Min**
1
**Fixed**
1

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## PWS 368 - (PWS-Bio-MMBio) Genomics

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
368
**Teaching Area**
PWS
**Course Title**
(PWS-Bio-MMBio) Genomics
**Course Description**
Current analysis of genes and genomes; computational approaches for interpreting genomic data, including genome sequencing and annotation, gene expression and the transcriptome, functional genomics, metagenomics, and genetic variation and SNPs.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses**

Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 101 - Introductory General Chemistry
  **AND** PWS 305 - Watershed Ecology

Prerequisites

**Complete ALL of the following Courses:**

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  **AND** PWS 305 - Watershed Ecology

**Additional Comments:**

**Complete ALL of the following Courses:**

- MMBIO 240 - Molecular Biology
  **AND** PWS 340 - Genetics

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Identify genomic techniques | 214355, 0, 1, 2023-08-29 12:06:41 |

**Learning Outcome**
Students will be able to identify the appropriate technique for a genetic analysis by understanding the following about various techniques: how they work, what they are used for, and what their respective advantages and disadvantages are

| Title | Tags |
| --- | --- |
| Genome Sequences | 214356, 0, 2, 2023-08-29 12:06:43 |

**Learning Outcome**
Students will be able to describe how genomes are sequenced.

| Title | Tags |
| --- | --- |
| Evaluate emerging technologies | 214357, 0, 3, 2023-08-29 12:06:44 |

**Learning Outcome**
Students will be able to interpret, assess, and critically evaluate the quality and veracity of new results and techniques in genomics by learning and critically applying their understanding of the biological principles on which current techniques are based

| Title | Tags |
| --- | --- |
| Communicate effectively | 214358, 0, 4, 2023-08-29 12:06:45 |

**Learning Outcome**
Students will be able to communicate technical science to an expert or lay audience by understanding the concepts underlying genomics tools and summarizing these tools orally and in writing, in both technical and non-technical terms

## PWS 369 - Science of Plant Production

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
369

**Teaching Area**
PWS

**Course Title**
Science of Plant Production

**Course Description**
Scientific principles of crop production related to agronomic and horticultural plants, including relationship of management principles and physiological processes in plants.

**Department**
Plant & Wildlife Sciences

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
PWS 100, 282; or equivalents

| Title | Tags |
|---|---|
| Plant production fundamentals | 203047, 1 |

**Learning Outcome**
Gain a deeper understanding of science of plant production.

| Title | Tags |
|---|---|
| Application of plant production strategies | 203051, 2 |

**Learning Outcome**
Students will improve their ability to tailor plant production strategies for specific environmental conditions.

## PWS 375 - Policies and Laws of Aquatic Systems

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
375

**Teaching Area**
PWS

**Course Title**
Policies and Laws of Aquatic Systems

**Course Description**
This course provides students an appreciation of how state, federal, and international law relates to aquatic systems and species, sometimes protecting them and sometimes harming them. The course will provide an introduction to water law, the Clean Water Act, the Endangered Species Act, the public trust doctrine, international water disputes and management, and the Coastal Zone Management Act. It also provides students with a more nuanced understanding of how the National Environmental Policy Act relates to this context

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter Even Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## PWS 380 - Advanced Landscape Design

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
380

**Teaching Area**
PWS

**Course Title**
Advanced Landscape Design

**Course Description**
Design and composition as applied to development of commercial and institutional property grounds

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall Odd Yrs..

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- BIO 235 - Field Botany
  **AND** PWS 103 - Residential Landscape Design
  **AND** PWS 105 - Landscape Design Graphics

**Additional Comments:**

| Title | Tags |
|---|---|
| Advanced Design | 202784, 3 |

**Learning Outcome**
Students will be able to effectively and efficiently design a variety of commercial and institutional landscapes with taking into account a variety of contextual variables

## PWS 385 - Policies and Laws of Terrestrial Systems

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
385

**Teaching Area**
PWS

**Course Title**
Policies and Laws of Terrestrial Systems

**Course Description**
This course focuses on how the laws and the work of government agencies at the state and federal level affect terrestrial systems, sometimes protecting them and sometimes harming them. Students will understand how the law addresses or fails to address major challenges facing these systems and species. It will also create a more nuanced understanding of some of the competing interests that also garner policy support. The course will provide an introduction to land use law, federal lands law, Superfund, and the Endangered Species Act. It also provides students with a more nuanced understanding of how the National Environmental Policy Act relates to this context.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Plant Selection | 202814, 4 |

**Learning Outcome**
Students will be able to select plants, appropriate for a given design, based on correct horticultural and ecological knowledge (plant justification)

| Title | Tags |
| --- | --- |
| Landscape design evaluate | 202954, 1 |

**Learning Outcome**
Students will be able to effectively evaluate their own work and work of others

| Title | Tags |
| --- | --- |
| Portfolio development | 203025, 0 |

**Learning Outcome**
Students will be able to prepare a professional-level landscape design portfolio

## PWS 390R - Soil and Plant Analysis

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
390R
**Teaching Area**
PWS
**Course Title**
Soil and Plant Analysis
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
3

**Title**
Specialized Instruction
**Tags**
203113, 1

**Learning Outcome**
Students will gain knowledge from specialized instruction in focused area

Foster activity in clubs related to majors in PWS department.

Learn principles of leadership in volunteer organizations.

## PWS 390R - Special Topics in Plant and Wildlife Sciences

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
390R
**Teaching Area**
PWS
**Course Title**
Special Topics in Plant and Wildlife Sciences
**Course Description**
Current topics in plant and wildlife sciences.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
3

**Title**
Specialized instruction
**Tags**
203114, 0

**Learning Outcome**
Students will gain knowledge from specialized instruction in focused area
Foster activity in clubs related to majors in PWS department.
Learn principles of leadership in volunteer organizations.

## PWS 399R - Research Internship

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
399R
**Teaching Area**
PWS
**Course Title**
Research Internship
**Course Description**
Research-based internship for Plant and Wildlife Sciences majors in Genetics, Genomics, and Biotechnology as well as Environmental Science.
**Department**
Plant & Wildlife Sciences
**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**

## PWS 402 - Soils and Water in the Urban Environment

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
402
**Teaching Area**
PWS
**Course Title**
Soils and Water in the Urban Environment
**Course Description**
Principles of water management, soil physics, and soil fertility used in a problem-solving environment addressing current challenges in managing soils and water in the urban landscape.
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter

### Credit Hours

0.5

**Fixed**
9

**Note**
An approved Internship Application is required before adding.

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PWS 100 - Plants in the Environment
  **AND** PWS 282 - Soil Science
  **AND** PWS 283 - Soil Science Laboratory

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Competency in Soil and Water Management Principles in the Ur | 202829, 1 |

**Learning Outcome**
A primary goal of this course is for students to greatly increase their knowledge base of scientific principles related to plant, water, soil, nutrient, and pest management. This will be assessed by examination at beginning and end of semester with a target of at least doubling of average scores.

| Title | Tags |
| --- | --- |
| Complete Five Case Studies | 202873, 0 |

**Learning Outcome**
Students will apply concepts assimilated in previous courses to solve problems associated with at least five real world case studies. By assignment, eachwill develop an assessment matrix for use in problem solving situations encountered in their future careers.

| Title | Tags |
| --- | --- |
| Portfolio Development | 202925, 3 |

**Learning Outcome**
Students will develop at least one individual and group item to add to their portfolio. Development of a diagnostic key, writing an evaluation paper, development of a group presentation and completion of a semester project could each contribute to portfolios.

| Title | Tags |
| --- | --- |
| Develop Oral and Written Communication Skills | 203013, 2 |

**Learning Outcome**
Students will successfully writeseveral documents, including a research paper and diagnostic key at an upperclassmen level of writing. Students will actively participate in team problem solving and a Group presentation.

## PWS 405 - Environmental Chemistry Laboratory

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 405 |

**Teaching Area**
PWS
**Course Title**
Environmental Chemistry Laboratory
**Course Description**
Soil, water, biosolid, and biotic tissue sample preparation and analysis using chromatography, combustion, and spectroscopy.
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter Odd Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**

## PWS 411 - Watershed Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 411 |

**Teaching Area**
PWS
**Course Title**
Watershed Management
**Course Description**
Processes and management of the hydrologic cycle of forests and rangelands.
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

1

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Chem 105, 106, 107; or equivalent.

**Recommended**
Chem 223; PWS 283, 306

**Title**
Chemistry knowledge

**Tags**
203043, 1

**Learning Outcome**
Gain a deeper understanding of environmental chemistry.

**Title**
Analytical chemistry

**Tags**
203044, 2

**Learning Outcome**
Demonstrate the analytical knowledge in environmental chemistry.

**Title**
Application of analytical chemistry tools

**Tags**
203052, 3

**Learning Outcome**
Students will demonstrate an ability to select the most appropriate analytical tools for gathering data necessary for solving specific environmental problems.

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- BIO 350 - Ecology

Prerequisites

**Complete ALL of the following Courses:**
- PWS 350 - Rangeland Ecology

**Additional Comments:**

**Title**
Water Management History and Policy

**Tags**
202796, 1

**Learning Outcome**
Students will understand the history and policy that drives water management in the western US.

**Title**
Watershed Assessment and Classification

**Tags**
202840, 2

**Learning Outcome**
Students will be able to apply assessment and classification tools to watersheds and their components to determine how management actions affect hydrologic responses.

**Title**
Ecological and Hydrological Processes

**Tags**
203032, 1

**Learning Outcome**
Students will understand ecological and hydrological processes and concepts and apply them to watershed management actions such as harvesting, grazing, and restoration.

# PWS 416 - Rangeland Improvement and Restoration

## Course Information

**Teaching Area (new)**
PWS

**Course Number**
416

**Teaching Area**
PWS

**Course Title**
Rangeland Improvement and Restoration

**Course Description**
Using ecological principles to plan and apply biological, chemical, mechanical, and prescribed fire. Treatments for the enhancement of land for wildlife habitat, livestock grazing, watershed health, and other land management goals.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Recommended**
PWS 215; PWS 330; PWS 350

**Note**
Field trips required.

**Title**
Rangeland Vegetation Improvement

**Tags**
202811, 5

**Learning Outcome**
Become familiar with approaches, practices, and outcomes of rangeland vegetation improvements in actual field situations.

**Title**
Site Potential and Fuels

**Tags**
202820, 2

**Learning Outcome**

# PWS 417 - Rangeland Planning and GIS

## Course Information

**Teaching Area (new)**
PWS

**Course Number**
417

**Teaching Area**
PWS

**Course Title**
Rangeland Planning and GIS

**Course Description**
Development of a multiple-use natural resource plan for watershed forestry, recreation, wildlife, and livestock. Policies that govern planning and conflict resolution.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Recommended**
PWS 215, 225, 350

**Title**
Stewardship and Professional Judgement

**Tags**
202872, 1

**Learning Outcome**
Identify and articulate stewardship for the creation as a basis for professional judgment.

**Title**
Analytical Thinking

**Tags**
202934, 2

**Learning Outcome**
Demonstrate ability to apply the scientific method and analytical thinking to ecological and management issues.

Assess site potential and fuels relative to potential vegetation changes with and without management.

| Title | Tags |
| --- | --- |
| Plant Control, Revegetation, and Restoration Practices | 202832, 4 |

**Learning Outcome**
Integrate plant control, revegetation and other restoration practices to meet land management goals

| Title | Tags |
| --- | --- |
| Revegetation, Rehabilitation, and Restoration | 202912, 3 |

**Learning Outcome**
Apply and plan revegetation, fire rehabilitation, and restoration practices to rangelands.

| Title | Tags |
| --- | --- |
| Rangeland Vegetation History | 202982, 0 |

**Learning Outcome**
Apply the historical and successional history of land to current rangeland vegetation conditions and treatments

| Title | Tags |
| --- | --- |
| Land Management Goals and Planning Methods | 203030, 1 |

**Learning Outcome**
Describe and plan biological, chemical, mechanical methods, and fire to achieve land management goals.

| Title | Tags |
| --- | --- |
| Ecological Processes | 202951, 1 |

**Learning Outcome**
Apply an understanding of ecological processes to wildland management

## PWS 419 - Forest Management and Ecology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 419 |

**Teaching Area**
PWS
**Course Title**
Forest Management and Ecology
**Course Description**
Managing forests, emphasizing ecosystem managment.
**Department**
Plant & Wildlife Sciences

## PWS 420 - International Agricultural Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 420 |

**Teaching Area**
PWS
**Course Title**
International Agricultural Development
**Course Description**
Problems and emerging solutions in international agricultural

Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Note**
Field trips required.

| Title | Tags |
| --- | --- |
| Forest Structure | 202786, 3 |

**Learning Outcome**
4. Be able to quantify forest structure and production

| Title | Tags |
| --- | --- |
| Tree Species | 202798, 6 |

**Learning Outcome**
7. Identify 75 tree species located in Utah and on BYU campus.

| Title | Tags |
| --- | --- |
| Stewardship | 202830, 0 |

**Learning Outcome**
1. Articulate their role as stewards over forested environments.

| Title | Tags |
| --- | --- |
| Management Decisions | 202876, 2 |

**Learning Outcome**
3. Apply knowledge of forest structure, function, and process in making management decisions

development, with emphases on human health and nutrition, sustainable natural resource use in agricultural production, the roles of education and extension, and emerging technologies. Readings, class discussions, and application of principles to a case study project.
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
PWS 150, IAS 220

| Title | Tags |
| --- | --- |
| Global Forest Diversity | 202920, 1 |

**Learning Outcome**
2. Appreciate the diversity of forests world-wide and their importance to human populations.

| Title | Tags |
| --- | --- |
| Wildlife Habitat | 202939, 5 |

**Learning Outcome**
6. Relate forests to wildlife habitat

| Title | Tags |
| --- | --- |
| Pest and Disease Control | 202967, 4 |

**Learning Outcome**
5. Recognize forest pests and diseases and know appropriate control techniques.

## PWS 431 - Plant Health Diagnostics

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
431
**Teaching Area**
PWS
**Course Title**
Plant Health Diagnostics
**Course Description**
Diagnosing plant health problems; pest biology and identification (weed, insect, and disease).
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

## PWS 440 - Plant Physiological Ecology

### Course Information

**Teaching Area (new)**
PWS
**Course Number**
440
**Teaching Area**
PWS
**Course Title**
Plant Physiological Ecology
**Course Description**
Photosynthesis, respiration, water relations, mineral nutrition, growth of flowering plants.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

Fixed
3

| Title | Tags |
| --- | --- |
| Problem Solving Skills | 202788, 3 |

Learning Outcome
Develop problem solving skills

| Title | Tags |
| --- | --- |
| Weeds and Insects | 202817, 1 |

Learning Outcome
Be able to identify weeds, insects and diseases that affect plants

| Title | Tags |
| --- | --- |
| Plant Health | 202877, 0 |

Learning Outcome
Diagnose and manage plant health in horticulture.

| Title | Tags |
| --- | --- |
| Plant Pesticides | 202929, 0 |

Learning Outcome
Safely and accurately apply plant pesticides through integrated pest management.

| Title | Tags |
| --- | --- |
| Communication | 202985, 5 |

Learning Outcome
Improve communication and interpersonal skills

| Title | Tags |
| --- | --- |
| Critical Thinking Skills | 202993, 0 |

Learning Outcome
Enhance critical thinking skills.

Fixed
0

| Other Prerequisites | Recommended |
| --- | --- |
| GE Biological Science requirement; college chemistry | Chem 285; or 351, 352 |

## PWS 446 - Ornithology.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 446 |

Teaching Area
PWS
Course Title
Ornithology.

## PWS 447 - Mammals of North America

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 447 |

Teaching Area
PWS
Course Title
Mammals of North America

**Course Description**
Avian systematics, evolution, distribution, identification, and natural history.
**Department**
Plant & Wildlife Sciences
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Bio 100 or Bio 130 or PDBio 120 or PWS 100 or equivalent or instructor's consent.
**Note**
Registration for a lab is required, as is a three day field trip.

| Title | Tags |
|---|---|
| Ornithology | 201058, 1 |

**Learning Outcome**
Define ornithology and what it encompasses.

| Title | Tags |
|---|---|
| Global Diversity | 201059, 2 |

**Learning Outcome**
Discuss the global diversity of birds in both form and function

| Title | Tags |
|---|---|
| Bird Evolution | 201060, 3 |

**Learning Outcome**
Articulate the current thinking regarding the evolution of birds.

| Title | Tags |
|---|---|
| North American Birds | 201061, 4 |

**Learning Outcome**
Identify 200 birds common to western North America.

**Course Description**
Focus on the ecology, identification, and management of mammals commonly found in western North America. Learning mammalian characteristics; developing an understanding of mammalian evolution and biogeography; gaining knowledge of mammalian taxonomy, physiological adaptations, and behaviors specific to species found in western North America. Emphasis on sampling methods and techniques used in the conservation and management of these species.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Recommended**
PWS 225, 344

## PWS 472 - Conservation Genomics

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
472

**Teaching Area**
PWS

**Course Title**
Conservation Genomics

**Course Description**
Introduction to conservation genetics and genomics. Fundamental concepts in conservation genetics taught in a modern context through the analysis of data derived from cutting-edge genomic technologies.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PWS 340 - Genetics

**Additional Comments:**

## PWS 474 - Bacterial Genomics

### Course Information

**Course Number**
474

**Teaching Area**
PWS

**Course Title**
Bacterial Genomics

**Course Description**
Practical training in computational analysis of bacterial genomic data, including genome assembly, comparative genomics, and statistical genomic analyses. Students will summarize their results in the form of a scientific publication.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Complete ALL of the following Courses:**
- PWS 272 - Coding for Genetic Analysis
  **AND** PWS 368 - (PWS-Bio-MMBio) Genomics

**Additional Comments:**

**Title**
Molecular Genetics Fundamentals

**Tags**
214359, 0, 1, 2023-08-29 12:07:10

**Learning Outcome**
Students will assemble sequencing reads into bacterial genomes.

**Title**
Biotechnology Skills and Practices

**Tags**
214360, 0, 2, 2023-08-29 12:07:12

**Learning Outcome**
Students will be able to demonstrate proficiency in basic

demonstrate proficiency in basic coding to manipulate and graphically present phenotypic datasets.

**Title**
Quantitative Reasoning and Analysis

**Tags**
214361, 0, 3, 2023-08-29 12:07:14

**Learning Outcome**
Students will be able to interpret the meaning of datasets generated using the methods above.

**Title**
Literature Summation and Discussion

**Tags**
214362, 0, 4, 2023-08-29 12:07:15

**Learning Outcome**
Students will be able to organize programming code and present results with clear accompanying text in the format of a simple journal article

## PWS 480 - Environmental Capstone: Data Analysis and Writing

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
480

**Teaching Area**
PWS

**Course Title**
Environmental Capstone: Data Analysis and Writing

**Course Description**
Database theory and design, statistical analysis, interpretation, and communication of environmental science data. Students will produce a scientific article and portfolio demonstrating mastery of the quantitative and aesthetic components of science and communication.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- PWS 305 - Watershed Ecology
  **AND** PWS 365 - Biogeochemistry

**Additional Comments:**

## PWS 481 - Plant and Landscape Business Systems

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
481

**Teaching Area**
PWS

**Course Title**
Plant and Landscape Business Systems

**Course Description**
Understanding and demonstrating competency with business systems used in plant and landscape systems companies.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

## PWS 490 - Case Studies

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
490

## PWS 491R - Undergraduate Seminar

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
491R

**Teaching Area**
PWS
**Course Title**
Case Studies
**Course Description**
Contemporary agricultural and environmental problems using decision case studies dealing with environmental technology issues and analysis.
**Department**
Plant & Wildlife Sciences
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- PWS 282 - Soil Science

**Additional Comments:**

**Teaching Area**
PWS
**Course Title**
Undergraduate Seminar
**Course Description**
Current information in the plant and wildlife sciences.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Vocabulary and Techniques | 202882, 1 |

**Learning Outcome**
Display fluency in the vocabulary and current research techniques in the four focal areas of the PWS Department: environmental science; genetics and biotechnology; landscape management; and wildlife and wildlands conservation

| Title | Tags |
|---|---|
| Research and the Gospel | 203018, 0 |

**Learning Outcome**
Explain the importance of cross-discipline research for comprehensive scholarship and the importance of Gospel-centered stewardship and sustainability.

## PWS 492 - Wildlife and Wildlands Conservation Senior Seminar

## PWS 494R - Plant ID / URME Team

### Course Information

## Course Information

**Teaching Area (new)**
PWS

**Course Number**
492

**Teaching Area**
PWS

**Course Title**
Wildlife and Wildlands Conservation Senior Seminar

**Course Description**
Capstone course bringing together portfolios, student experiences, exams, and exercises necessary for completing and assessing wildlife and wildlands program learning outcomes.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Career Preparation

**Tags**
202859, 1

**Learning Outcome**
Students will understand how to take the next step toward permanent employment or post-graduate training.

**Title**
Competency Exams

**Tags**
202862, 1

**Learning Outcome**
Students will pass plant, mammal, and bird ID competency exams as well as a comprehensive discipline exam.

**Title**
Portfolio

**Tags**
202865, 2

**Learning Outcome**
Students will build a professional portfolio that will demonstrate their specific training,

**Teaching Area (new)**
PWS

**Course Number**
494R

**Teaching Area**
PWS

**Course Title**
Plant ID / URME Team

**Course Description**
Plant ID techniques and and rangeland ecology principles-methods for identifying 200 common rangeland plant species in preparation for the plant identification contest at the Society of Rangeland Management, and fundamentals of rangeland ecology in preparation for the Undergraduate Range Management Exam.

**Department**
Plant & Wildlife Sciences

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
6

**Note**
Registration required for mentored experiences.

**Title**
Basic Experiments

**Tags**
202793, 0

**Learning Outcome**
Design and/or participate in basic experiments attempting to answer questions in biochemistry, biotechnology, genetics, molecular biology, and soil science

**Title**
Experimental Results

**Tags**
202847, 0

**Learning Outcome**
Generate and analyze experimental results for publications or presentations at professional meetings

experience, skills and abilities relative to Wildlife and Wildlands Conservation.

## PWS 494R - Mentored Learning Experience

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
494R

**Teaching Area**
PWS

**Course Title**
Mentored Learning Experience

**Course Description**
Mentored learning for undergraduates in the fields of Environmental Sciences; Genetics, Genomics, and Biotechnology; Landscape Management; Wildlife and Wildlands Conservation.

**Department**
Plant & Wildlife Sciences

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
6

**Note**
Registration required for mentored experiences.

**Title**
Mentoring

**Tags**
203067, 3

**Learning Outcome**
Learn how to be an effective and efficient mentor

**Title**
Experimental Results

**Tags**
203068, 4

**Learning Outcome**
Generate and analyze experimental results for publications or presentations at professional meetings

## PWS 494R - Environmental Science Field Techniques

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
494R

**Teaching Area**
PWS

**Course Title**
Environmental Science Field Techniques

**Department**
Plant & Wildlife Sciences

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

**Title**
Mentoring

**Tags**
203077, 1

**Learning Outcome**
Learn how to be an effective and efficient mentor

**Title**
Experimental Results

**Tags**
203078, 2

**Learning Outcome**
Generate and analyze experimental results for publications or presentations at professional meetings

## PWS 494R - Biotechnology Laboratory

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
494R

**Teaching Area**

## PWS 505 - Aquatic and Terrestrial Biogeochemistry

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
505

PWS
**Course Title**
Biotechnology Laboratory
**Department**
Plant & Wildlife Sciences
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

| Title | Tags |
| --- | --- |
| Mentoring | 203075, 1 |

**Learning Outcome**
Learn how to be an effective and efficient mentor

| Title | Tags |
| --- | --- |
| Experimental Results | 203076, 2 |

**Learning Outcome**
Generate and analyze experimental results for publications or presentations at professional meetings

**Teaching Area**
PWS
**Course Title**
Aquatic and Terrestrial Biogeochemistry
**Course Description**
An in-depth treatment of global biogeochemical cycles, focusing on cycles of carbon, oxygen, nitrogen, phosphorus, and sulfur in the atmosphere, hydrosphere, and lithosphere. Special attention will be given to the microbial mediated transformations and the impact of human disturbances in terrestrial and aquatic environments.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Biogeochemical cycling | 203039, 1 |

**Learning Outcome**
Understand the fundamentals of biogeochemical cycling in soils, air, and water

| Title | Tags |
| --- | --- |
| Spiritual aspects of cycling | 203120, 5 |

**Learning Outcome**
Gain a deeper appreciation of how the natural world works and a desire to promote environmental stewardship to safeguard our or Earth

| Title | Tags |
| --- | --- |
| Microbial ecology | 203121, 2 |

**Learning Outcome**
Understand the importance of microorganisms, microbial-mediated processes, and ecology (i.e., bacteria and fungi) in

dictating and altering cycling

| Title | Tags |
| --- | --- |
| Critical thinking, experimental design, and statistics | 203122, 4 |

**Learning Outcome**

Possess the ability to design and execute a biogeochemical experiment from understanding the problem to the statistics that properly fit the experimental design

## PWS 511 - Environmental Biophysics: Soil and Plant Water Relations.

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
511

**Teaching Area**
PWS

**Course Title**
Environmental Biophysics: Soil and Plant Water Relations.

**Course Description**
Integrating biological, physical, and chemical processes of water and solute movements through the soil-plant-atmosphere continuum.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter Even Years

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
2

**Other Prerequisites**
Phscs 105 and PWS 282; or equivalents.

| Title | Tags |
|---|---|
| Develop Base Understanding of Biophysics | 202855, 0 |

**Learning Outcome**
Students will take a pre- and post-semester exam and at least double their score to assess understanding of the importance of physics in biological systems.

## PWS 512 - Rangeland Landscape Ecology and Geographic Information Systems.

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
512

**Teaching Area**
PWS

**Course Title**
Rangeland Landscape Ecology and Geographic Information Systems.

**Course Description**
Applying landscape ecology theory to evaluate, describe, and predict spatial patterns and processes within rangeland ecosystems using geographic information systems (GIS), remote sensing, and global positioning systems (GPS).

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall Odd Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
3

**Recommended**
PWS 215, Geog 212

| Title | Tags |
|---|---|
| Landscape Ecology Theory | 203000, 1 |

**Learning Outcome**
Students will be able to apply landscape ecology theory to evaluate, describe, and predict spatial patterns and processes in wildlife ecosystems. This will be furthered by synthesis of the literature and current theory.

## PWS 513 - Environmental Field Instrumentation

## PWS 514 - Soil Microbiology

### Course Information

## Course Information

**Teaching Area (new)**
PWS

**Course Number**
513

**Teaching Area**
PWS

**Course Title**
Environmental Field Instrumentation

**Course Description**
Hands-on course and lab teaching students how to use instrumentation in the field and in controlled settings to measure key environmental parameters. Learning the physical principles underlying sensors.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Phscs 105 and PWS 282; or equivalents.

| Title | Tags |
|---|---|
| Field instrumentation | 203048, 1 |

**Learning Outcome**
Gain a deeper understanding of field instrumentation.

| Title | Tags |
|---|---|
| Field applications of instrumentation | 203053, 2 |

**Learning Outcome**
Students will acquire fluency in their ability to select and use appropriate instrumentation to gather precise data under varying environmental conditions.

## PWS 520 - Saline and Sodic Soils

**Teaching Area (new)**
PWS

**Course Number**
514

**Teaching Area**
PWS

**Course Title**
Soil Microbiology

**Course Description**
Ecology and role of soil microorganisms in biogeochemical cycles, decomposition of organic matter and waste materials, and bioremediation of contaminated soils and water.

**Department**
Plant & Wildlife Sciences

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Chem 105 and 106; or equivalents

| Title | Tags |
|---|---|
| Soil microbiology fundamentals | 202980, 0 |

**Learning Outcome**
Ecology and role of soil microorganisms in nutrient cycling, decomposition of organic matter and waste materials, and degradation of agricultural chemicals in soils

## PWS 540 - Plant Response to the

## Course Information

**Teaching Area (new)**
PWS

**Course Number**
520

**Teaching Area**
PWS

**Course Title**
Saline and Sodic Soils

**Course Description**
Physical and chemical properties of saline and sodic soils and irrigation waters--their diagnosis, reclamation, and management for sustainable crop production.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Other Prerequisites**
PWS 305, Chem 105, 106, 107; or equivalents

**Title**
Critical Thinking Skills

**Tags**
202895, 2

**Learning Outcome**
Enhance critically thinking skills as it relates to issues in water quality management and soil conservation

**Title**
water and soil interaction

**Tags**
202961, 1

**Learning Outcome**
Demonstrate a fundamental knowledge in water quality and water resource conservation as influenced by soil water interactions

**Title**
Saline and sodic soil fundamentals

**Tags**
202979, 0

# Environment

## Course Information

**Teaching Area (new)**
PWS

**Course Number**
540

**Teaching Area**
PWS

**Course Title**
Plant Response to the Environment

**Course Description**
Advanced plant physiological ecology principles.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
PWS 440 or equivalent; PWS 494R or concurrent enrollment

**Title**
Communication

**Tags**
202810, 2

**Learning Outcome**
Students will participate in learning exercises that teaches them how to gather, interpret and communicate scientific information.

**Title**
Instrumentation

**Tags**
202864, 3

**Learning Outcome**
Students will be exposed to the instrumentation and techniques commonly used to gather data in the field of plant physiological ecology.

**Title**
Scientifc method

**Tags**
202959, 1

Learning Outcome
Physical and chemical properties of saline and sodic soils and irrigation waters-their diagnosis, reclamation, and management for sustainable crop production

| Title | Tags |
| --- | --- |
| Mathematical and Statistical Skills | 202997, 3 |

Learning Outcome
Improve mathematical and statistical skills related to salinity, sodicity, and toxicity evaluation and management

Learning Outcome
Students will learn to apply the scientific method in order to become more proficient and independent learners

| Title | Tags |
| --- | --- |
| Plant-environment interactions | 203029, 1 |

Learning Outcome
Students will be able to conceptualize the physiological mechanisms by which plants sense and respond to their environment and how that impacts ecological systems.

| Title | Tags |
| --- | --- |
| Plant physiology fundamentals | 202845, 0 |

Learning Outcome
1) Advanced Topics in Plant Metabolism, 2) Developmental Plant Metabolism, and 3) Advance Topics in Crop Physiology.

## PWS 547 - Ungulate Conservation and Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 547 |

Teaching Area
PWS
Course Title
Ungulate Conservation and Management
Course Description
Integrating principles of natural history, population ecology, behavior, and conservation biology of North American ungulates. Special emphasis on management and conservation applications.
Department
Plant & Wildlife Sciences
When Taught
Winter Even Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

## PWS 551 - Quantitative Ecology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 551 |

Teaching Area
PWS
Course Title
Quantitative Ecology
Course Description
Quantitative methods for ecological sampling and data analysis.
Department
Plant & Wildlife Sciences
When Taught
Winter Even Yrs..

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

Fixed
2

### Lab Hours

Fixed
3

Other Prerequisites
PWS or Bio 350; and Bio 447; or equivalents

| Title | Tags |
|---|---|
| Ecology | 202781, 0 |

Learning Outcome
Will understand and be able to articulate current understanding concerning the role of ungulates in ecosystems

| Title | Tags |
|---|---|
| Presentation skills | 202812, 2 |

Learning Outcome
Students will develop presentation skills

| Title | Tags |
|---|---|
| Critical thinking | 202995, 1 |

Learning Outcome
students will develop the ability to critically think by reviewing and evaluating scientific articles or book chapters that examine ungulate ecology

### Lab Hours

Fixed
3

Other Prerequisites
Bio 350 or equivalent; Stat 121 or 511 or concurrent enrollment

| Title | Tags |
|---|---|
| Effective Communication | 202846, 3 |

Learning Outcome
Demonstrate oral and written scientific communications skills.

| Title | Tags |
|---|---|
| Research Application | 202866, 1 |

Learning Outcome
Demonstrate application of the scientific and analytical methods in ecological research.

| Title | Tags |
|---|---|
| Research Project | 202898, 2 |

Learning Outcome
Demonstrate ability to synthesize literature relevant to a research project.

| Title | Tags |
|---|---|
| Sampling and Analysis | 202968, 1 |

Learning Outcome
Learn how and when to use appropriate sampling and a data analysis techniques for ecological inquiry.

## PWS 552 - Terrestrial Ecosystems

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PWS | 552 |

Teaching Area
PWS
Course Title
Terrestrial Ecosystems
Course Description
Theory and application of plant and animal distribution in terrestrial environments.
Department
Plant & Wildlife Sciences
When Taught
Contact Department

## PWS 553 - Restoration Ecology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| PWS | 553 |

Teaching Area
PWS
Course Title
Restoration Ecology
Course Description
Nature of ecosystem disturbance and plant succession; developing science and practice of ecological restoration; case studies of applied restoration.
Department
Plant & Wildlife Sciences
When Taught

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Terrestrial fundamentals | 203040, 2 |

Learning Outcome
Improve their ability to solve contremporary environmental problems using fundamental terrestrial ecosystems.

| Title | Tags |
| --- | --- |
| Ecosystem knowledge | 203041, 3 |

Learning Outcome
Demonstarte knowledge in the form and function of terrestrial ecosystems

| Title | Tags |
| --- | --- |
| Terrestrial field instrumentation | 203042, 1 |

Learning Outcome
Gain a deeper understanding of terrestrial field instrumentation

| Title | Tags |
| --- | --- |
| Spiritual appreciation of terrestrial ecosystems | 203054, 4 |

Learning Outcome
Students will acquire increased appreciation for natural expressions of Divine intelligence in the interconnectivity of terrestrial ecosystems.

Winter Odd Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
PWS 282, 416; Bio 350; or equivalents

| Title | Tags |
| --- | --- |
| Practical Application | 202777, 2 |

Learning Outcome
Students will be able to apply restoration ecology and techniques to practical problems such mined and other drastically-disturbed lands, disturbed terrestrial and riparian or wetland systems, and invasive species concerns

| Title | Tags |
| --- | --- |
| Ecology Applications | 202902, 1 |

Learning Outcome
Students will understand the applications of plant population ecology, ecophysiology, and community ecology to restoration ecology.

| Title | Tags |
| --- | --- |
| Plant Succession | 202938, 1 |

Learning Outcome
Students will understand the processes of plant succession as the foundation for restoration ecology.

## PWS 554 - Wildlife Behavioral Ecology

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
554

**Teaching Area**
PWS

**Course Title**
Wildlife Behavioral Ecology

**Course Description**
Integrating principles of ethology, sociobiology, and behavioral ecology using examples from wildlife resources; behavioral sampling methods.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Bio 100, 350; or equivalents.

**Note**
Field trips required.

| Title | Tags |
|---|---|
| Basic Principles | 202913, 1 |

**Learning Outcome**
Students will become familiar with the basic principles of animal behavior including:An introduction to the basic principles of animal behaviorA review of natural selection and its role in shaping animal behaviorA study of proximate factors which influence behaviorThe role of learningCooperationForagingAntipredator behaviorCommunicationHabitat selection, territoriality, and migrationAggressionPlayAging and diseaseAnimal personalities

## PWS 559 - Molecular Plant Breeding

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
559

**Teaching Area**
PWS

**Course Title**
Molecular Plant Breeding

**Course Description**
Molecular genetics methods applied to improvement of economically important plants. Theory and methods of plant transformations.

**Department**
Plant & Wildlife Sciences

**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
PWS 265, 340, 485, 586, PDBio 360; or equivalents; PWS 494R or concurrent enrollment

| Title | Tags |
|---|---|
| Manuscript for Journal | 202779, 3 |

**Learning Outcome**
Prepare a manuscript for submission to a refereed scientific journal

| Title | Tags |
|---|---|
| Lead Discussions | 202787, 2 |

**Learning Outcome**
Lead classroom discussions using current scientific literature as the basis for the discussion

| Title | Tags |
|---|---|
| Academic & Industry-Based Science | 202893, 5 |

**Learning Outcome**
Discuss the differences between academic and industry-based science

| Title | Tags |
| --- | --- |
| Scientific Journals | 202899, 4 |

**Learning Outcome**
Explain scientific ethics, etiquette, and the underpinnings as to why it is important to publish scientific journals

| Title | Tags |
| --- | --- |
| Genetic Molecular Markers | 202923, 1 |

**Learning Outcome**
Outline the history and uses of genetic molecular markers

| Title | Tags |
| --- | --- |
| Marker Systems | 202987, 1 |

**Learning Outcome**
Discuss with proficiency the pros and cons of a minimum of seven different marker systems. Examples of these systems include RFLPs, RAPDs, AFLPs, SSRs, and SNPs

## PWS 560 - Quantitative Environmental Chemistry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 560 |

**Teaching Area**
PWS
**Course Title**
Quantitative Environmental Chemistry
**Course Description**
Laboratory chemical analysis of soils and plant materials in soil and plant research.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
2

**Fixed**

## PWS 575 - Plant Pathology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| PWS | 575 |

**Teaching Area**
PWS
**Course Title**
Plant Pathology
**Course Description**
Concepts associated with symptoms, development, control, and classification of plant diseases. Identification and classification of plant fungi, bacteria, and viruses.
**Department**
Plant & Wildlife Sciences
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**

2

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
3

Other Prerequisites
Chem 105, 106, 107; or equivalent.

Recommended
Chem 223 and/or PWS 283, 306, 405, 406

Title
instrumentation

Tags
202794, 2

Learning Outcome
Understand and operate instrumentation used in common soil and plant analysis

Title
analytical procedures

Tags
202930, 1

Learning Outcome
Understand processes of analytical procedures used in soil and plant analysis

Title
intrepreting data

Tags
202960, 3

Learning Outcome
Intrepret data and provide recommendations based on analysis of soil and plant material.

Title
Advanced soil techniques

Tags
203007, 0

Learning Outcome
Laboratory chemical analysis of soils and plant materials in soil and plant research

3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

Other Prerequisites
PWS 100 or equivalent

Title
Problem Solving Skills

Tags
202807, 3

Learning Outcome
Employ problem solving skills, including enhanced ability to critically think and reason

Title
Communication & Interpersonal Skills

Tags
202861, 4

Learning Outcome
Display enhanced communication and interpersonal skills, including writing

Title
Plant Problems

Tags
202917, 1

Learning Outcome
Diagnose and treat plant problems

Title
Fungi & Bacteria

Tags
202932, 2

Learning Outcome
Culture and identify fungi and bacteria

Title
Major Plant Diseases

Tags
203021, 1

Learning Outcome
Identify major diseases that affect plants

## PWS 588 - Metagenomics

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
588

**Teaching Area**
PWS

**Course Title**
Metagenomics

**Course Description**
Introduction to comparative and fuctional analysis of genomic and metagenomic datasets, including microbial functions that affect host health. Analyzing existing and novel datasets with field-standard techniques.

**Department**
Plant & Wildlife Sciences

**When Taught**
Winter Odd Years

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Introductory coding and mommand-line experience (e.g. Bio 664 for grad students or seek instructor's consent); strongly recommend Bio/MMBio/PWS 468 or corresponding graduate sections.

**Title**
Application of a broad knowledge base in genome biology

**Tags**
203062, 1

**Learning Outcome**
Students can apply basic concepts in genetics, molecular biology, and bioinformatics in solving metagenomics problems.

**Title**
Deep knowledge skills in metagenomics

**Tags**
203063, 2

**Learning Outcome**
Students will demonstrate expanded understanding of metagenomic and comparative genomic theories and

## PWS 598R - Advanced Topics in the Plant and Wildlife Sciences.

### Course Information

**Teaching Area (new)**
PWS

**Course Number**
598R

**Teaching Area**
PWS

**Course Title**
Advanced Topics in the Plant and Wildlife Sciences.

**Department**
Plant & Wildlife Sciences

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Title**
Research

**Tags**
202886, 0

**Learning Outcome**
Give students a specific topic to increase their understanding of the scientific method as it relates to focused research objectives.

techniques.

| Title | Tags |
| --- | --- |
| Laboratory skills in metagenomics | 203064, 3 |

**Learning Outcome**
Students can predict metagenomic content from samples, and compare genomic and metagenomic content across samples.

| Title | Tags |
| --- | --- |
| Computational research management skills | 203065, 4 |

**Learning Outcome**
Students can assemble and annotate genomes, including targeted shotgun metagenomes.

| Title | Tags |
| --- | --- |
| Literature analysis and writing skills | 203066, 5 |

**Learning Outcome**
Students can analyze, interpret, and present methodology and results of their own creation in the format of primary literature.

## QUECH 100 - Language Study: Quechua

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| QUECH | 100 |

**Teaching Area**
QUECH
**Course Title**
Language Study: Quechua
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Quechua.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

## QUECH 101 - First-Year Language Study: Quechua

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| QUECH | 101 |

**Teaching Area**
QUECH
**Course Title**
First-Year Language Study: Quechua
**Course Description**
Beginning speaking, listening, reading, and writing skills in Quechua.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 197591, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197593, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197594, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 197581, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197583, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197585, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197586, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## QUECH 102 - First-Year Language Study: Quechua

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

## QUECH 201 - Second-Year Language Study: Quechua

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

QUECH 102

**Teaching Area**
QUECH
**Course Title**
First-Year Language Study: Quechua
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Quechua.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- QUECH 101 - First-Year Language Study: Quechua

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 197575, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 197577, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions,

QUECH 201

**Teaching Area**
QUECH
**Course Title**
Second-Year Language Study: Quechua
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Quechua.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- QUECH 102 - First-Year Language Study: Quechua

Prerequisites

**Complete ALL of the following Courses:**
- FLANG 102R - First-Year Language Study

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197566, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future

basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197579, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197580, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

time.

| Title | Tags |
| --- | --- |
| Vocabulary | 197567, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 197568, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 197569, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## QUECH 202 - Second-Year Language Study: Quechua

### Course Information

**Teaching Area (new)**
QUECH
**Course Number**
202
**Teaching Area**
QUECH
**Course Title**
Second-Year Language Study: Quechua
**Course Description**
Continued emphasis on Quechua communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

## QUECH 305 - Language Skills Development: Quechua

### Course Information

**Teaching Area (new)**
QUECH
**Course Number**
305
**Teaching Area**
QUECH
**Course Title**
Language Skills Development: Quechua
**Course Description**
Increasing proficiency in one or more of the following Quechua language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent

**Lecture Hours**

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- QUECH 201 - Second-Year Language Study: Quechua

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197554, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197557, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197559, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related

Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197548, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197549, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197551, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197561, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## QUECH 321 - Advanced Grammar: Quechua

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| QUECH | 321 |

**Teaching Area**
QUECH
**Course Title**
Advanced Grammar: Quechua
**Course Description**
Systematic review of grammar and syntax of Quechua.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- QUECH 202 - Second-Year Language Study: Quechua

## QUECH 330 - Advanced Language Proficiency Through Cultural Studies: Quechua

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| QUECH | 330 |

**Teaching Area**
QUECH
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Quechua
**Course Description**
Study of Quechua culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Quech 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by

- QUECH 202 - Second-Year Language Study: Quechua

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197421, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197424, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 197425, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197413, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197415, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197416, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197418, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## QUECH 340 - Introduction to Literature: Quechua

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| QUECH | 340 |

Teaching Area

## QUECH 350 - Advanced Language Study for Career Purposes: Quechua

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| QUECH | 350 |

Teaching Area

Teaching Area
QUECH
**Course Title**
Introduction to Literature: Quechua
**Course Description**
Advanced study of Quechua literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- QUECH 330 - Advanced Language Proficiency Through Cultural Studies: Quechua

**Additional Comments:**

| Title | Tags |
|---|---|
| Recognize and Analyze | 197404, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197405, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

Teaching Area
QUECH
**Course Title**
Advanced Language Study for Career Purposes: Quechua
**Course Description**
Concentration on Quechua language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- QUECH 330 - Advanced Language Proficiency Through Cultural Studies: Quechua

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197397, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197399, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with

| Title | Tags |
| --- | --- |
| Context | 197407, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197409, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197400, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197401, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197402, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## RAROT 100 - Language Study: Rarotongan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| RAROT | 100 |

**Teaching Area**
RAROT
**Course Title**
Language Study: Rarotongan
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Rarotongan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**

## RAROT 101 - First-Year Language Study: Rarotongan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| RAROT | 101 |

**Teaching Area**
RAROT
**Course Title**
First-Year Language Study: Rarotongan
**Course Description**
Beginning speaking, listening, reading, and writing skills in Rarotongan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 197393, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197394, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197395, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

## RAROT 102 - First-Year Language Study:

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 197385, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197388, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197390, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197391, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## RAROT 201 - Second-Year Language Study:

## Rarotongan

### Course Information

**Teaching Area (new)**
RAROT

**Course Number**
102

**Teaching Area**
RAROT

**Course Title**
First-Year Language Study: Rarotongan

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Rarotongan.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- RAROT 101 - First-Year Language Study: Rarotongan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Comprehension

**Tags**
197378, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
197380, 2

## Rarotongan

### Course Information

**Teaching Area (new)**
RAROT

**Course Number**
201

**Teaching Area**
RAROT

**Course Title**
Second-Year Language Study: Rarotongan

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Rarotongan.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- RAROT 102 - First-Year Language Study: Rarotongan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Elaboration

**Tags**
197372, 1

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197381, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197383, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Vocabulary | 197374, 2 |

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 197375, 3 |

Learning Outcome
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 197376, 4 |

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

## RAROT 202 - Second-Year Language Study: Rarotongan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| RAROT | 202 |

Teaching Area
RAROT
Course Title
Second-Year Language Study: Rarotongan
Course Description
Continued emphasis on Rarotongan communication skills, vocabulary building, and cultural awareness.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

## RAROT 305 - NULL

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| RAROT | 305 |

Teaching Area
RAROT
Course Title
NULL
Course Description
Increasing proficiency in one or more of the following Rarotongan language and culture skills: speaking, listening, reading, writing, cultural awareness.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
1

Fixed
4

Other Prerequisites
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197359, 1 |

Learning Outcome

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- RAROT 201 - Second-Year Language Study: Rarotongan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
| --- | --- |
| Communication Skills | 197363, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 197365, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197367, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements,

Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 197361, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197362, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197369, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## RAROT 321 - Advanced Grammar: Rarotongan

### Course Information

**Teaching Area (new)**
RAROT
**Course Number**
321
**Teaching Area**
RAROT
**Course Title**
Advanced Grammar: Rarotongan
**Course Description**
Systematic review of grammar and syntax of Rarotongan.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- RAROT 202 - Second-Year Language Study: Rarotongan

## RAROT 330 - Advanced Language Proficiency Through Cultural Studies: Rarotongan

### Course Information

**Teaching Area (new)**
RAROT
**Course Number**
330
**Teaching Area**
RAROT
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Rarotongan
**Course Description**
Study of Rarotongan culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Rarot 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197354, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197356, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 197357, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

| Title | Tags |
|---|---|
| Communication Skills | 197349, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197350, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197352, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197353, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## RAROT 340 - Introduction to Literature: Rarotongan

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| RAROT | 340 |

**Teaching Area**
RAROT
**Course Title**
Introduction to Literature: Rarotongan

## RAROT 350 - Advanced Language Study for Career Purposes: Rarotongan

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| RAROT | 350 |

**Teaching Area**
RAROT
**Course Title**
Advanced Language Study for Career Purposes: Rarotongan

**Course Description**
Advanced study of Rarotongan literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- RAROT 330 - Advanced Language Proficiency Through Cultural Studies: Rarotongan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197338, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197342, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|

**Course Description**
Concentration on Rarotongan language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- RAROT 330 - Advanced Language Proficiency Through Cultural Studies: Rarotongan

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197331, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197333, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Context | 197345, 3 |
| --- | --- |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197347, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197334, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197336, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197337, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## REL 101R - Religion Waiver

### Course Information

**Teaching Area (new)**
REL

**Course Number**
101R

**Teaching Area**
REL

**Course Title**
Religion Waiver

**When Taught**

**Contact Department**

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Note**
Use for transfer credit only.

**Title**
Rel 101R

**Tags**
206082, 1

**Learning Outcome**
This is course is used for transfer credits from other institutions.

## REL 102R - Religion Waiver

### Course Information

**Teaching Area (new)**
REL

**Course Number**
102R

**Teaching Area**
REL

**Course Title**
Religion Waiver

**When Taught**

**Contact Department**

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Note**
Use for transfer credit only.

**Title**
transfer credit

**Tags**
206083, 1

**Learning Outcome**
This course is used for transfer credits from other institutions.

## REL 103R - Religion Waiver

### Course Information

**Teaching Area (new)**
REL

**Course Number**
103R

**Teaching Area**
REL

**Course Title**
Religion Waiver

**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
0

**Note**
Use for transfer credit only.

**Title**
Transfer Credit

**Tags**
206084, 1

**Learning Outcome**
This course is used for transfer credit from another institution.

## REL 104R - Religion Waiver

### Course Information

**Teaching Area (new)**
REL

**Course Number**
104R

**Teaching Area**
REL

**Course Title**
Religion Waiver

**When Taught**
Contact Department

**Credit Hours**

**Min**
4

**Fixed**
4

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
0

**Note**
Use for transfer credit only.

**Title**
Transfer Credit

**Tags**
206085, 1

**Learning Outcome**
This course is used for transfer credit from another institution.

## REL A 121 - The Book of Mormon

### Course Information

**Teaching Area (new)**
REL A

**Course Number**
121

**Teaching Area**
REL A

**Course Title**
The Book of Mormon

**Course Description**
Narrative, doctrines, and precepts of the Book of Mormon. Covers 1 Nephi through Alma 29.

**Department**
Ancient Scripture

**When Taught**
Fall; Winter; Spring; Summer.

## REL A 122 - The Book of Mormon

### Course Information

**Teaching Area (new)**
REL A

**Course Number**
122

**Teaching Area**
REL A

**Course Title**
The Book of Mormon

**Course Description**
Narrative, doctrines, and precepts of the Book of Mormon. Covers Alma 30 through Moroni 10.

**Department**
Ancient Scripture

**When Taught**
All Semesters/Terms

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Note
All sections are open to both returned missionaries and non-returned missionaries. Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Application | 205974, 4 |

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected Book of Mormon passages can be applied to daily living.

| Title | Tags |
| --- | --- |
| Narrative | 207287, 1 |

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Book of Mormon narrative or story.

| Title | Tags |
| --- | --- |
| Doctrines and Principles | 205990, 0, 2 |

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Book of Mormon's fundamental

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Note
All sections are open to both returned missionaries and non-returned missionaries. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Narrative | 205977, 1 |

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Book of Mormon narrative or story.

| Title | Tags |
| --- | --- |
| Witness of Christ | 205993, 3 |

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of—how the Book of Mormon bears witness of Jesus Christ.

| Title | Tags |
| --- | --- |
| Application | 206038, 4 |

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of—how selected Book of Mormon passages can be applied to daily living.

doctrines and principles.

| Title | Tags |
| --- | --- |
| Witness of Christ | 205952, 0, 3 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the Book of Mormon bears witness of Jesus Christ.

| Title | Tags |
| --- | --- |
| Doctrines and Principles | 207288, 2 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Book of Mormon's fundamental doctrines and principles.

## REL A 211 - The New Testament

### Course Information

**Teaching Area (new)**
REL A
**Course Number**
211
**Teaching Area**
REL A
**Course Title**
The New Testament
**Course Description**
Historical background, narrative, and doctrines of the New Testament. Covers the life and teachings of Jesus Christ set forth in the four Gospels.
**Department**
Ancient Scripture
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |

## REL A 212 - The New Testament

### Course Information

**Teaching Area (new)**
REL A
**Course Number**
212
**Teaching Area**
REL A
**Course Title**
The New Testament
**Course Description**
Historical background, narrative, and doctrines of the New Testament. Covers the Acts of the Apostles through the Revelation of John.
**Department**
Ancient Scripture
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Application | 199946, 4 |

| Title | Tags |
| --- | --- |
| Historical and Cultural Context | 199945, 1 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the New Testament narrative in its historical and cultural context.

| Title | Tags |
| --- | --- |
| Application | 199946, 4 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected New Testament passages can be applied to daily living.

| Title | Tags |
| --- | --- |
| Witness of Jesus Christ | 206002, 4 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the New Testament bears witness of the mission and message of Jesus Christ.

| Title | Tags |
| --- | --- |
| Witness of Christ | 206003, 3 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the New Testament bears witness of the mission and message of Jesus Christ.

| Title | Tags |
| --- | --- |
| Doctrines and Principles | 206021, 2 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the New Testament's fundamental doctrines and principles.

| Title | Tags |
| --- | --- |
| Historical Context | 206016, 0 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the New Testament narrative in its historical and cultural context.

| Title | Tags |
| --- | --- |
| Application to Daily Living | 206025, 5 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected New Testament passages can be applied to daily living.

| Title | Tags |
| --- | --- |
| Doctrines and Principles | 206037, 2 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the New Testament's fundamental doctrines and principles.

## REL A 250 - Jesus Christ and His Everlasting Gospel

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL A | 250 |

Teaching Area
REL A

## REL A 275 - Teachings and Doctrine of the Book of Mormon

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL A | 275 |

Teaching Area
REL A

REL A
**Course Title**
Jesus Christ and His Everlasting Gospel
**Course Description**
A survey course which teaches of the Savior's roles throughout eternity with emphasis on His fulfillment of Heavenly Father's covenant with His children and the blessings of the Atonement and eternal life.
**Department**
Ancient Scripture
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Online offering also available.

**Learning Outcome**
Students will interpret biblical and restoration texts, with an emphasis on the four Gospels, to better understand the pre-mortal, mortal, and post-mortal ministries of Jesus Christ.
**Tags**
207289, 0, 1, 2022-01-14 10:42:55

**Learning Outcome**
Students will articulate how biblical and restoration texts can inform and strengthen a testimony of Jesus Christ as Savior.
**Tags**
207294, 0, 2, 2022-01-14 10:42:55

**Learning Outcome**
Students will analyze biblical and restoration texts through the proper application of principles of sound exegesis, emphasizing considerations of historical context and original intent.
**Tags**
206172, 0, 3, 2022-01-14 10:42:55

**Learning Outcome**
Students will explain how

REL A
**Course Title**
Teachings and Doctrine of the Book of Mormon
**Course Description**
A study of the teachings and doctrine of the Book of Mormon with emphasis on the Savior's ministry.
**Department**
Ancient Scripture
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Online offering also available.

**Title**
Personal Application
**Tags**
206133, 4

**Learning Outcome**
Build a foundation for inspired and responsible personal application.

**Title**
Increase scriptural literacy
**Tags**
206173, 3

**Learning Outcome**
Increase scriptural literacy and develop skills of lifelong scripture study, including considerations of context and intent, and principles of sound exegesis.

**Title**
Nurture students' faith
**Tags**
206187, 1

**Learning Outcome**
Nurture students' faith in Jesus Christ and deepen their commitment to enduring Christian discipleship.

responsible and contextualized scripture study can be a valuable resource that nurtures lifelong Christian discipleship.

Tags
206132, 0, 4, 2022-01-14 10:42:55

| Title | Tags |
| --- | --- |
| Improve knowledge | 206188, 2 |

Learning Outcome
Improve students' knowledge and understanding of the Book of Mormon doctrines in their contexts and apply those doctrines to their own lives in meaningful and appropriate ways.

## REL A 301 - The Old Testament

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL A | 301 |

Teaching Area
REL A
Course Title
The Old Testament
Course Description
Historical background, narrative, and doctrines of the Old Testament. Covers Genesis through 2 Samuel.
Department
Ancient Scripture
When Taught
Fall and Winter

#### Credit Hours

Min
2

Fixed
2

#### Lecture Hours

Fixed
2

#### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Application to Daily Living | 207290, 4 |

Learning Outcome
Students who successfully complete the requirements for

## REL A 302 - The Old Testament

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL A | 302 |

Teaching Area
REL A
Course Title
The Old Testament
Course Description
Historical background, narrative, and doctrines of the Old Testament. Covers 1 Kings through Malachi.
Department
Ancient Scripture
When Taught
Fall and Winter

#### Credit Hours

Min
2

Fixed
2

#### Lecture Hours

Fixed
2

#### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Witness of Jehovah | 205988, 4 |

Learning Outcome
Students who successfully complete the requirements for

complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected Old Testament passages can be applied to daily living.

| Title | Tags |
| --- | --- |
| Doctrines and Principles | 205999, 2 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Old Testament's fundamental doctrines and principles.

| Title | Tags |
| --- | --- |
| Witness of Jehovah | 206047, 3 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the Old Testament bears witness of the work of Jehovah.

| Title | Tags |
| --- | --- |
| Historical and Cultural Context | 207295, 1 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Old Testament narrative in its historical and cultural context.

complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the Old Testament bears witness of the work of Jehovah.

| Title | Tags |
| --- | --- |
| Application to Daily Living | 206081, 5 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected Old Testament passages can be applied to daily living.

| Title | Tags |
| --- | --- |
| Historical and Cultural Context | 207291, 1 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Old Testament narrative in its historical and cultural context.

| Title | Tags |
| --- | --- |
| Doctrines and Principles | 207296, 2 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Old Testament's fundamental doctrines and principles.

## REL A 303R - Old Testament Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL A | 303R |

**Teaching Area**
REL A
**Course Title**
Old Testament Studies
**Course Description**
Study of the Old Testament integrated with extensive field experiences

## REL A 304 - Writings of Isaiah

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL A | 304 |

**Teaching Area**
REL A
**Course Title**
Writings of Isaiah
**Course Description**
Teachings and prophecies of Isaiah in light of their historical context

in the biblical world; leads to an understanding, appreciation, and application of scriptural teachings today.

**Department**
Ancient Scripture

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1.5

**Fixed**
3

| Title | Tags |
| --- | --- |
| Witness of Jehovah | 205954, 3 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the Old Testament bears witness of the work of Jehovah.

| Title | Tags |
| --- | --- |
| Doctrines and Principles | 205996, 2 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Old Testament's fundamental doctrines and principles.

and relevance to latter-day people.

**Department**
Ancient Scripture

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Historical and Cultural Context | 207292, 1 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Isaiah text in its historical and cultural context.

| Title | Tags |
| --- | --- |
| Application to Daily Living | 207299, 8 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected Isaiah passages can be applied to daily living.

| Title | Tags |
| --- | --- |
| Doctrines and Principles | 207297, 2 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to

demonstrate that they have acquired an understanding of fundamental doctrines and principles found in Isaiah's writings.

**Title**
Witness of Jehovah

**Tags**
207298, 5

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how Isaiah's writings bear witness of the life and work of Jehovah.

## REL A 311R - New Testament Studies of the Gospels

### Course Information

**Teaching Area (new)**
REL A

**Course Number**
311R

**Teaching Area**
REL A

**Course Title**
New Testament Studies of the Gospels

**Course Description**
Study of the New Testament Gospels integrated with extensive field experiences in the biblical world; leads to an understanding, appreciation, and application of scriptural teachings today.

**Department**
Ancient Scripture

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1.5

**Fixed**
3

**Title**
Context

**Tags**
205983, 1

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the New Testament narrative in its historical and cultural context.

## REL A 320 - The Joseph Smith Translation of the Bible

### Course Information

**Teaching Area (new)**
REL A

**Course Number**
320

**Teaching Area**
REL A

**Course Title**
The Joseph Smith Translation of the Bible

**Course Description**
Historical significance of Joseph Smith's translation of the Bible, its relationship to the other standard works, and its doctrinal contributions.

**Department**
Ancient Scripture

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**

| Title | Tags |
| --- | --- |
| Witness of Christ | 206001, 3 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the New Testament bears witness of the mission and message of Jesus Christ.

0

| Title | Tags |
| --- | --- |
| Historical Background | 205997, 1 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the historical background of the JST.

| Title | Tags |
| --- | --- |
| Product vs. Process Development | 206043, 3 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the relationship between product and process in development of the JST.

| Title | Tags |
| --- | --- |
| Doctrinal Contribution | 206048, 2 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the doctrinal contribution of the JST.

## REL A 327 - The Pearl of Great Price

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL A | 327 |

**Teaching Area**
REL A
**Course Title**
The Pearl of Great Price
**Course Description**
Historical background and doctrines of the Pearl of Great Price.
**Department**
Ancient Scripture
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

## REL A 336 - The Book of Mormon as Sacred Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL A | 336 |

**Teaching Area**
REL A
**Course Title**
The Book of Mormon as Sacred Literature
**Course Description**
This course teaches students how to study the text of the Book of Mormon as scripture, but through the lens of sacred literature. Applying tools of literary analysis and drawing from the work of scholars who have studied scripture as literature, students will learn how to carefully analyze the text and write about it in ways that will deepen their understanding and appreciation of both the content and the literary elements within the book. This study of the Book of Mormon as sacred literature brings the unique advantage of being able to teach students to more fully see the book for what it truly is: a book that is not just a container of doctrine to be obeyed, nor a secular literary work to

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Context | 207293, 1 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Pearl of Great Price in the historical and cultural context of its various components.

| Title | Tags |
|---|---|
| Doctrines and Principles | 207300, 1 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the fundamental doctrines and principles found in the Pearl of Great Price.

| Title | Tags |
|---|---|
| Witness of Christ | 207301, 2 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the Pearl of Great Price bears witness of Jesus Christ.

| Title | Tags |
|---|---|

be studied but not followed and accepted as scripture, but an inspired book of holy scripture written as literature that moves our hearts, spirits, and minds.
**Department**
Ancient Scripture
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- REL A 275 - Teachings and Doctrine of the Book of Mormon

Prerequisites
**Complete ALL of the following Courses:**
- REL A 121 - The Book of Mormon

Prerequisites
**Complete ALL of the following Courses:**
- REL A 122 - The Book of Mormon

**Additional Comments:**

| | |
|---|---|
| Application | 207302, 3 |

**Learning Outcome**
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected passages in the Pearl of Great Price can be applied to daily living.

## REL A 392R - Special Topics in the New Testament

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| REL A | 392R |

**Teaching Area**
REL A
**Course Title**
Special Topics in the New Testament
**Course Description**
An in-depth study of an aspect of the New Testament's origins and major teachings.
**Department**
Ancient Scripture
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

## REL A 392R - Special Topics in the Old Testament

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| REL A | 392R |

**Teaching Area**
REL A
**Course Title**
Special Topics in the Old Testament
**Course Description**
An in-depth study of the Old Testament's origins and major teachings.
**Department**
Ancient Scripture
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Complete ALL of the following Courses:**

- REL A 211 - The New Testament

Prerequisites

**Complete ALL of the following Courses:**

- REL A 212 - The New Testament

Prerequisites

**Complete ALL of the following Courses:**

- REL A 250 - Jesus Christ and His Everlasting Gospel

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- REL A 301 - The Old Testament

Prerequisites

**Complete ALL of the following Courses:**

- REL A 303R - Old Testament Studies

Prerequisites

**Complete ALL of the following Courses:**

- REL A 302 - The Old Testament

**Additional Comments:**

## REL A 392R - Writings of John

### Course Information

**Teaching Area (new)**
REL A

**Course Number**
392R

**Teaching Area**
REL A

**Course Title**
Writings of John

**Department**
Ancient Scripture

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

## REL A 392R - Special Studies in Religion: Ancient Scripture

### Course Information

**Teaching Area (new)**
REL A

**Course Number**
392R

**Teaching Area**
REL A

**Course Title**
Special Studies in Religion: Ancient Scripture

**Course Description**
Topical studies in religion based on student interest and teacher expertise.

**Department**
Ancient Scripture

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Specificity

**Tags**
205956, 0

**Learning Outcome**
Students will demonstrably learn relevant doctrine, principles and/or history of a specific aspect

## REL A 392R - Special Topics in the Book of Mormon

### Course Information

**Teaching Area (new)**
REL A
**Course Number**
392R
**Teaching Area**
REL A
**Course Title**
Special Topics in the Book of Mormon
**Course Description**
In-depth study of the Book of Mormon's origins and major teachings.
**Department**
Ancient Scripture
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- REL A 121 - The Book of Mormon
  **OR** REL A 122 - The Book of Mormon
  **OR** REL A 275 - Teachings and Doctrine of the Book of Mormon

**Additional Comments:**

## REL A 510R - Special Topics in Ancient Scripture

### Course Information

**Teaching Area (new)**
REL A
**Course Number**
510R
**Teaching Area**
REL A
**Course Title**
Special Topics in Ancient Scripture
**Course Description**
Subjects and questions typically addressed by Church Educational System instructors
**Department**
Ancient Scripture
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5
**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Graduate standing and instructor's consent
**Note**
No more than 3 hours may apply toward a graduate degree.

## REL C 100 - Introduction to The Church of Jesus Christ of Latter-day Saints

### Course Information

**Teaching Area (new)**
REL C
**Course Number**
100
**Teaching Area**

## REL C 130 - Missionary Preparation

### Course Information

**Teaching Area (new)**
REL C
**Course Number**
130
**Teaching Area**
REL C

REL C
**Course Title**
Introduction to The Church of Jesus Christ of Latter-day Saints
**Course Description**
Introduction to the doctrines, history, and practices of The Church of Jesus Christ of Latter-day Saints for students who are not members of the church.
**Department**
Church History&Doctrine
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
It is strongly recommended that this course be taken the first semester at BYU by those who are not members of The Church of Jesus Christ of Latter-day Saints.

| Title | Tags |
|---|---|
| Factual | 206140, 1 |

**Learning Outcome**
Students will gain understanding and know the key doctrines and revelations, people and history, culture and practices of The Church of Jesus Christ of Latter-day Saints.

| Title | Tags |
|---|---|
| Conceptual | 206141, 2 |

**Learning Outcome**
Students will be able to analyze, evaluate, and write about the key doctrines, history, culture, and practices of the LDS Church.

| Title | Tags |
|---|---|
| Spiritual | 206142, 3 |

**Learning Outcome**
Students will learn how

**Course Title**
Missionary Preparation
**Course Description**
Focuses upon the purpose, skills, and doctrines of missionary work and prepares prospective missionaries for a more meaningful MTC and mission experience.
**Department**
Church History&Doctrine
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Recommended for all prospective missionaries. This class may not be taken or retaken by returned missionaries or non-LDS students. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Spiritual Learning | 207031, 3 |

**Learning Outcome**
You will understand and seek to develop the attributes of Christ as found in Chapter 6 of Preach My Gospel.
You will enhance your knowledge of the doctrine through focused study of God's revealed word to both modern and ancient prophets, with a special emphasis on the Book of Mormon.

| Title | Tags |
|---|---|
| Factual Learning | 207032, 1 |

**Learning Outcome**
You will understand the restored gospel of Jesus Christ and associated doctrine and principles related to missionary work revealed by God through

Mormons "by study and also by faith" come to know of the truthfulness of the Restoration and the reality of the risen Lord.

prophets, seers, and revelators.
You will understand the divine purpose of missionary work and the blessings associated with it.

| Title | Tags |
| --- | --- |
| Application | 206143, 4 |

**Learning Outcome**
Students will be able to explain the foundational doctrines and historical events of the Restoration and their relevance in the modern Church. In addition, students will attend and become familiar with the meetings and programs of the LDS Church.

| Title | Tags |
| --- | --- |
| Conceptual Learning | 207033, 2 |

**Learning Outcome**

You will learn and practice skills that will improve missionary effectiveness such as effective gospel study, planning and goal setting, time management, and teaching and extending invitations to others.
You will create lesson outlines to teach the restored gospel of Jesus Christ more effectively to others.

| Title | Tags |
| --- | --- |
| Application Learning | 207035, 4 |

**Learning Outcome**

You will be able to teach the missionary lessons effectively to members of the Church and to those who are not members.
You will understand revealed doctrine and principles in a way that enables you to apply the doctrine and principles in your own life.

## REL C 200 - The Eternal Family

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL C | 200 |

**Teaching Area**
REL C
**Course Title**
The Eternal Family
**Course Description**
Devoted to teachings on the Plan of Redemption and the central role of the family in that plan. The doctrine of the family is explored as it is taught throughout the standard works and in "The Family: A Proclamation to the World," as well as through the temple and saving ordinances and covenants.
**Department**
Church History&Doctrine
**When Taught**
All Semesters/Terms

### Credit Hours

## REL C 225 - Foundations of the Restoration

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL C | 225 |

**Teaching Area**
REL C
**Course Title**
Foundations of the Restoration
**Course Description**
The calling and doctrinal contributions of Joseph Smith as well as the significance of modern scripture including key sections of the Doctrine and Covenants. Also includes the establishment, organization, doctrine, and practices of the Church today.
**Department**
Church History&Doctrine
**When Taught**
All Semesters/Terms

### Credit Hours

Min

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Factual | 206163, 1 |

Learning Outcome
Students will be enabled and inspired to understand, explain, promote, and defend the doctrine of the family.

| Title | Tags |
| --- | --- |
| Conceptual | 206164, 2 |

Learning Outcome
Students will be prepared to evaluate questions and sources of information regarding the family in the light of scriptural and prophetic teachings.

| Title | Tags |
| --- | --- |
| Spiritual | 206165, 3 |

Learning Outcome
Students will increase their understanding and testimony of the central role of the family in the plan of salvation as taught in the scriptures and the words of modern prophets-particularly "The Family: A Proclamation to the World."

| Title | Tags |
| --- | --- |
| Application | 206166, 4 |

Learning Outcome
Students will be enabled to follow the Holy Spirit as they

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Conceptual | 206135, 6 |

Learning Outcome
Students will be able to analyze and evaluate the validity and reliability of historical and doctrinal source material.

| Title | Tags |
| --- | --- |
| Factual | 206167, 5 |

Learning Outcome
Students will know key people, places, events, contexts, revelations, and doctrine related to the restoration of the gospel.

| Title | Tags |
| --- | --- |
| Spiritual | 206168, 7 |

Learning Outcome
Students will learn "by study and also by faith" how to develop greater faith in Jesus Christ, and a testimony of the prophetic calling of Joseph Smith, the restoration of the gospel, and the succession and continuation of prophetic authority.

| Title | Tags |
| --- | --- |
| Application | 206169, 8 |

Learning Outcome
Students will be able to explain foundational doctrinal developments and historical events of the restoration and their relevance.

follow the Holy Spirit as they apply the truths learned in this course to their own marriage preparation and eternal families.

## REL C 261 - Introduction to Family History (Genealogy)

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
261

**Teaching Area**
REL C

**Course Title**
Introduction to Family History (Genealogy)

**Course Description**
Introduction to the doctrinal significance, necessary skills, and available resources dealing with family history and genealogy.

**Department**
Church History&Doctrine

**When Taught**
Contact Department

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Note**
***This course is now being taught as HIST 205 and fulfills elective religion hours.***

| Title | Tags |
| --- | --- |
| Factual: Family History Research | 206144, 2 |

**Learning Outcome**
Be able to identify family history research problems and frame appropriate research questions.
Know the best methods for tackling a family history research problem.
Learn how to properly document your research.
Know how to use a personal family history database program.

## REL C 321 - Church History Field Studies: New England, New York and Pennsylvania

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
321

**Teaching Area**
REL C

**Course Title**
Church History Field Studies: New England, New York and Pennsylvania

**Course Description**
Experiential learning course that offers an on-site study of historical events, foundational revelations, doctrines, and people relevant to the unfolding restoration of the LDS Church in New England, New York, and Pennsylvania from the early 1600s until 1831.

**Department**
Church History&Doctrine

**When Taught**
Contact Department

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Note**
Associated fees.

Be familiar with the major genealogical web sites.

**Title**
Conceptual: Doctrine of Family History

**Tags**
206145, 3

**Learning Outcome**
Learn and be able to explain the scriptural and doctrinal basis for family history work.
Learn the different ways that you can contribute to family history and genealogical work.

**Title**
Application: Preparing Family Names for the Temple

**Tags**
206146, 4

**Learning Outcome**
Learn how toenter genealogical data, photos, and stories into FamilySearch.
Learn how to determine which persons need temple ordinances.
Learn how to submit names for temple ordinances.

## REL C 322 - Field Studies in Ohio and Missouri

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
322

**Teaching Area**
REL C

**Course Title**
Field Studies in Ohio and Missouri

**Course Description**
Experiential learning course that offers an on-site study of historical events, foundational revelations, doctrines and people relevant to the unfolding restoration of the LDS Church in Ohio and Missouri from 1830 to 1839.

**Department**
Church History&Doctrine

**When Taught**
Spring and Summer Terms

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Note**
Associated fees.

## REL C 323 - Field Studies in Nauvoo, IL

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
323

**Teaching Area**
REL C

**Course Title**
Field Studies in Nauvoo, IL

**Course Description**
Experiential learning course that offers an on-site study of historical events, foundational revelations, doctrines, and people relevant to the unfolding restoration of the LDS Church in Illinois and Iowa from early 1839 to 1847.

**Department**
Church History&Doctrine

**When Taught**
Spring and Summer Terms

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Note**
Associated fees.

## REL C 324 - The Doctrine and Covenants

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
324

**Teaching Area**
REL C

**Course Title**
The Doctrine and Covenants

**Course Description**
Origin, content, and teachings of the Doctrine and Covenants. Covers Sections 1 through 76.

**Department**
Church History&Doctrine

**When Taught**
All Semesters/Terms

## REL C 325 - The Doctrine and Covenants

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
325

**Teaching Area**
REL C

**Course Title**
The Doctrine and Covenants

**Course Description**
Origin, content, and teachings of the Doctrine and Covenants. Covers Sections 77 through Official Declaration 2.

**Department**
Church History&Doctrine

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Factual | 206155, 1 |

**Learning Outcome**
Students will know key people, places, events, contexts, revelations, and doctrine related to Doctrine and Covenants 1-76.

| Title | Tags |
| --- | --- |
| Conceptual | 206156, 2 |

**Learning Outcome**
Students will be able to analyze and evaluate the validity and reliability of historical and doctrinal source material in Doctrine and Covenants 1-76.

| Title | Tags |
| --- | --- |
| Spiritual | 206157, 3 |

**Learning Outcome**
Students will learn "by study and also by faith" how to develop greater faith in Jesus Christ, and a testimony of the prophetic calling of Joseph Smith and the restoration of the gospel.

| Title | Tags |
| --- | --- |
| Application | 206158, 4 |

**Learning Outcome**
Students will develop the

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Conceptual | 206159, 2 |

**Learning Outcome**
Students will be able to analyze and evaluate the validity and reliability of historical and doctrinal source material.

| Title | Tags |
| --- | --- |
| Application | 206160, 4 |

**Learning Outcome**
Students will develop the capacity to study D&C 77 through Official Declaration 2 in historical context, identify gospel truths, and explain their application.

| Title | Tags |
| --- | --- |
| Spiritual | 206161, 3 |

**Learning Outcome**
Students will learn "by study and also by faith" how to develop greater faith in Jesus Christ, and a testimony of the prophetic calling of Joseph Smith and the restoration of the gospel.

| Title | Tags |
| --- | --- |
| Factual | 206162, 1 |

**Learning Outcome**

capacity to study D&C 1-76 in historical context, identify gospel truths, and explain their application.

Students will know key people, places, events, contexts, revelations, and doctrine related to Doctrine & Covenants 77 through Official Declaration 2.

## REL C 333 - The Living Prophets

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
333

**Teaching Area**
REL C

**Course Title**
The Living Prophets

**Course Description**
Doctrines, administration, backgrounds, and current teachings of the living prophets, seers, and revelators.

**Department**
Church History&Doctrine

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Discern between teachings of Current Leadership

**Tags**
205968, 10

**Learning Outcome**
Students will demonstrably discern the doctrines, instruction, and counsel of current members of the First Presidency and Quorum of Twelve Apostles

## REL C 341 - Joseph Smith and the Restoration, 1805-1845

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
341

**Teaching Area**
REL C

**Course Title**
Joseph Smith and the Restoration, 1805-1845

**Course Description**
Life and ministry of the Prophet Joseph Smith, coming forth of the Book of Mormon, organization of the church, foundational revelations, building the Kirtland Temple, Missouri persecutions, establishment of Nauvoo, and events leading to the Martyrdom.

**Department**
Church History&Doctrine

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Historical Record

**Tags**
205978, 4

**Learning Outcome**
Students will gain experience with the historical record of early LDS history

| Title | Tags |
| --- | --- |
| Report on Current Leadership | 206000, 7 |

**Learning Outcome**
Students will find and report on teachings of current members of the First Presidency and Quorum of Twelve Apostles

| Title | Tags |
| --- | --- |
| Identify Current Leadership | 206007, 3 |

**Learning Outcome**
Students will demonstrably identify, gather, and analyze biographical information of current members of the First Presidency and Quorum of Twelve Apostles

| Title | Tags |
| --- | --- |
| Identification | 206019, 1 |

**Learning Outcome**
Students will accurately identify specific LDS doctrines, organization, government, and perspectives related to current members of the First Presidency and Quorum of Twelve Apostles

| Title | Tags |
| --- | --- |
| Articulating Current Leadership Doctrines | 206134, 2 |

**Learning Outcome**
Students will accurately articulate LDS doctrines and perspectives as articulated by current or recent members of the First Presidency and Quorum of Twelve Apostles.

| Title | Tags |
| --- | --- |
| Overview | 206063, 1 |

**Learning Outcome**
Students will learn the history of the Church of Jesus Christ of Latter-day Saints, with emphasis on the restoration of knowledge, power, and doctrine, during the lifetime of Joseph Smith (1805-1844)

| Title | Tags |
| --- | --- |
| Events and Movements | 206064, 1 |

**Learning Outcome**
Students will demonstrably remember and analyze events and movements of LDS history between 1805-1844 in New England, New York, Pennsylvania, Ohio, Missouri, Illinois, Great Britain, Palestine, and the Pacific Isles.

| Title | Tags |
| --- | --- |
| Participants | 206065, 2 |

**Learning Outcome**
Students will demonstrably remember participants in early LDS history and analyze their contributions.

| Title | Tags |
| --- | --- |
| Geography | 206066, 3 |

**Learning Outcome**
Students will demonstrably remember the geography of early LDS history

| Title | Tags |
| --- | --- |
| Historical Relationships | 206067, 5 |

**Learning Outcome**
Students will relate early LDS history to larger historical contexts and patterns

| Title | Tags |
| --- | --- |
| Cause and Effect | 206068, 6 |

**Learning Outcome**
Students will examine and explain change over time and causes and effects as they relate to early LDS history

## REL C 342 - The Church in the West: Pioneers, Conflict, and Growth, 1846-1899

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
342

**Teaching Area**
REL C

**Course Title**
The Church in the West: Pioneers, Conflict, and Growth, 1846-1899

**Course Description**
Exodus from Nauvoo, the experience of Latter-day Saint pioneers crossing the plains, establishing Zion in the Great Basin, plural marriage and government persecution, the Manifesto, and events leading to Utah statehood.

**Department**
Church History&Doctrine

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Factual

**Tags**
214370, 0, 1, 2023-08-29 12:15:32

**Learning Outcome**
Students will know key people, places, events, teachings, conflicts, and contexts relating to Latter-day Saint church history between the years 1846 and 1899.

**Title**

**Tags**

## REL C 343 - The Modern Church, 1900 to the Present

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
343

**Teaching Area**
REL C

**Course Title**
The Modern Church, 1900 to the Present

**Course Description**
Introduction to the LDS Church in the twentieth and twenty-first centuries. Emphasis on significant developments of Church programs and structure as well as the people and events which have shaped Church history during this time period.

**Department**
Church History&Doctrine

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Overview

**Tags**
206182, 1

**Learning Outcome**
Students will learn the history of the Church of Jesus Christ of Latter-day Saints from 1901 to the present day, with emphasis on international expansion, significant developments of Church programs and structure, the Church during wartime, and the global expansion. Modern-day prophets, beginning with

Conceptual 214371, 0, 2, 2023-08-29 12:15:33

**Learning Outcome**
Students will be able to analyze and evaluate the validity and reliability of historical source material relating to this period of church history. Students will also be able to analyze and evaluate relevant scholarship.

| Title | Tags |
| --- | --- |
| Spiritual | 214372, 0, 3, 2023-08-29 12:15:34 |

**Learning Outcome**
Students will better appreciate "by study and also by faith" the sacrifices, dedication, and testimonies, as well as the shortcomings and failings, of the Utah pioneers. Students will also understand the process of succession and the continuation of prophetic authority.

| Title | Tags |
| --- | --- |
| Application | 214373, 0, 4, 2023-08-29 12:15:35 |

**Learning Outcome**
Students will be able to explain foundational historical events and developments of the church during this period of church history and their relevance to church members today.

Pres. Lorenzo Snow and ending with Pres. Russell M. Nelson, lives and administrations will be highlighted throughout the course.

| Title | Tags |
| --- | --- |
| Factual | 206183, 2 |

**Learning Outcome**
Students will recognize, identify, discuss, and analyze events, movements, participants, in worldwide LDS history between 1900 and the present.

| Title | Tags |
| --- | --- |
| Conceptual | 206184, 3 |

**Learning Outcome**
Students will recall and interpret sources of modern LDS history, connecting modern LDS history to larger historical contexts and patterns.

| Title | Tags |
| --- | --- |
| Spiritual | 206185, 4 |

**Learning Outcome**
Students will better appreciate "by study and also by faith" the sacrifices, dedication, and testimonies of Modern Prophets, and the succession and continuation of prophetic authority. Students will acknowledge the Lord's hand in the twentieth century history of the Church of Jesus Christ of Latter-day Saints.

| Title | Tags |
| --- | --- |
| Application | 206186, 5 |

**Learning Outcome**
Students will examine and explain change over time, and causes and effects as they relate to modern LDS history. Students will also examine the prophetic teachings of the Brethren comparing them with contemporary issues facing young people today and apply those teachings to their personal lives and challenges.

# REL C 344 - The Global Church

## Course Information

**Teaching Area (new)**
REL C

**Course Number**
344

**Teaching Area**
REL C

**Course Title**
The Global Church

**Course Description**
Global LDS Church history from 1830 to the present in Britain, Europe, the Pacific, Asia, Latin America, Africa, the Near East, and other areas of the world.

**Department**
Church History&Doctrine

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Global Expansion

**Tags**
206020, 0

**Learning Outcome**
Students will learn the history of how the Church of Jesus Christ of Latter-day Saints, has expanded globally and been influenced by global developments

**Title**
Events and Developments

**Tags**
206069, 1

**Learning Outcome**
Students will demonstrably remember and analyze events and developments of the global aspects of LDS history

**Title**

**Tags**

# REL C 350R - Religious Studies in a World Setting

## Course Information

**Teaching Area (new)**
REL C

**Course Number**
350R

**Teaching Area**
REL C

**Course Title**
Religious Studies in a World Setting

**Course Description**
Religious studies related to Latter-day Saint foundations and doctrines as relevant to specific geographical regions (International Study Programs).

**Department**
Church History&Doctrine

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Challenges

**Tags**
205963, 10

**Learning Outcome**
Students will become acquainted with the challenges church members face in a particular region.

**Title**
Interview about History

**Tags**
205970, 11

**Learning Outcome**
Students interview Church members in a particular region relative to their history.

**Title**
Key Sites

**Tags**
206050, 9

**Learning Outcome**
Students will visit key LDS Church history sites in a particular region.

| Participants | 206070, 2 |
|---|---|

**Learning Outcome**
Students will demonstrably remember participants in global LDS history and analyze their contributions.

| Title | Tags |
|---|---|
| Geography | 206071, 3 |

**Learning Outcome**
Students will demonstrably remember the geography of global LDS history

| Title | Tags |
|---|---|
| Historical Record | 206072, 4 |

**Learning Outcome**
Students will gain experience with the historical record of global LDS history

| Title | Tags |
|---|---|
| Relationships with other Historical Contexts | 206073, 5 |

**Learning Outcome**
Students will relate global LDS history to larger historical contexts and patterns

| Title | Tags |
|---|---|
| Causes and Effects | 206074, 6 |

**Learning Outcome**
Students will examine and explain change over time and causes and effects as they relate to global LDS history

| Title | Tags |
|---|---|
| Learn History | 206052, 8 |

**Learning Outcome**
Students will learn the LDS Church history of a particular region.

## REL C 351 - Survey of World Religions

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| REL C | 351 |

**Teaching Area**
REL C
**Course Title**
Survey of World Religions
**Course Description**
Explores the origins, theological doctrines, scriptural works, and religious practices of several internationally religious traditions, including Christianity, Islam, Judaism, Hinduism, Sikhism, Buddhism, Taoism, Confucianism, and Shinto. Comparisions are offered between

## REL C 352 - Survey of Christianity

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| REL C | 352 |

**Teaching Area**
REL C
**Course Title**
Survey of Christianity
**Course Description**
An examination of the history, doctrines, and liturgical practices of the three major branches of Christianity: Roman Catholicism, Eastern Orthodoxy, and Protestantism. Comparisons are offered between these religions, and Latter-day Saint belief and practice.

these religions, and Latter-day Saints belief and practice.

**Department**
Church History&Doctrine

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Factual | 206147, 1 |

**Learning Outcome**
Students will know founders, places of significance, important events, central texts, core beliefs and practices of the world's major religious traditions.

| Title | Tags |
| --- | --- |
| Conceptual | 206148, 2 |

**Learning Outcome**
Students will be able to recognize and articulate key historical, theological and liturgical differences between various religious traditions.

| Title | Tags |
| --- | --- |
| Spiritual | 206149, 3 |

**Learning Outcome**
Students will be able to recognize elements of truth in traditions other than their own, and will develop a greater sense of God's loving guidance and work among all who seek Him.

**Department**
Church History&Doctrine

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Factual | 206136, 1 |

**Learning Outcome**
Students will know the key individuals, places, practices, events, and doctrinal tenets of traditional Christianity.

| Title | Tags |
| --- | --- |
| Conceptual | 206137, 2 |

**Learning Outcome**
Students will be able to analyze and articulate the questions and reflections that led to the development of the various creeds and doctrines of Christianity. They will also explain the key theological differences that distinguish one major Christian group from another.

| Title | Tags |
| --- | --- |
| Spiritual | 206138, 3 |

**Learning Outcome**
Students will recognize truth in the various Christian traditions, connect their Christian identity and faith with the wider world of Christianity, and see evidence of God's loving guidance and work among all who seek Him.

| Title | Tags |
| --- | --- |
| Application | 206150, 4 |

**Learning Outcome**
Students will be able to offer more informed explanations of their own religious beliefs and commitments, and engage in mutually beneficial dialogue with believers in other traditions.

| Title | Tags |
| --- | --- |
| Application | 206139, 4 |

**Learning Outcome**
Students will be able to offer more informed explanations of their own religious beliefs and commitments, and engage in mutually beneficial dialogue with believers in other Christian traditions.

## REL C 353 - American Christianity and the Restored Gospel

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL C | 353 |

**Teaching Area**
REL C
**Course Title**
American Christianity and the Restored Gospel
**Course Description**
History, doctrine, and practices of the major Christian faiths of America in light of the restored gospel.
**Department**
Church History&Doctrine
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Factual | 206178, 1 |

**Learning Outcome**
Students will be able to identify the historical origins and beliefs of major Christian groups in the United States

## REL C 357 - Survey of Judaism and Islam

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL C | 357 |

**Teaching Area**
REL C
**Course Title**
Survey of Judaism and Islam
**Course Description**
Explores the origins, doctrines, scriptural works, history and religious practices of Judaism and Islam. Comparisons are offered between the two, and Latter-day Saint Christianity.
**Department**
Church History&Doctrine
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Factual | 206174, 1 |

**Learning Outcome**
Students will be familiar with the origins, historical narrative, and central religious doctrines and practices of Judaism and

in the United States.

| Title | Tags |
| --- | --- |
| Conceptual | 206179, 2 |

**Learning Outcome**
Students will understand what it means to think historically, and will be able to read, discuss, and analyze primary and secondary source material. They will also come to provide informed explanations of major trends, transformations, themes, and events in the history of American Christianity.

| Title | Tags |
| --- | --- |
| Spiritual | 206180, 3 |

**Learning Outcome**
Students will learn to consider the importance of "lived religion"-how religious beliefs have motivated and shaped daily living-across various denominations over time.

| Title | Tags |
| --- | --- |
| Application | 206181, 4 |

**Learning Outcome**
Students will learn to situate Latter-day Saint beliefs and practices within the wider Christian tradition. They will also learnemploy best comparative practices, always leaving room for "holy envy."

Islam, as well as key historical figures and religious teachers, including, in the case of Islam, its founder Muhammad.

| Title | Tags |
| --- | --- |
| Conceptual | 206175, 2 |

**Learning Outcome**
Students will be able to discuss in detail basic differences between Orthodox, Reform, and Conservative traditions within Judaism, and between Sunni and Shi'ite traditions within Islam. Students will develop the ability to read, with understanding, sacred texts (in English translation) to understand their basic structure, theology, doctrine, and interpretations.

| Title | Tags |
| --- | --- |
| Spiritual | 206176, 3 |

**Learning Outcome**
Students will be able to recognize key elements of eternal truth, as well as significant doctrinal and practice parallels, within Judaism and Islam, and identify faith-affirming elements within the traditions studied, with the goal of developing a greater sense of God love for and guidance of all who seek Him.

| Title | Tags |
| --- | --- |
| Application | 206177, 4 |

**Learning Outcome**
Students will learn understanding of and appreciation for Jews and Muslims, the people of the religious traditions studied, and develop abilities to exchange and converse with Jews and Muslims regarding their religion in ways that are informed, respectful and mutually beneficial.

## REL C 358 - Survey of Eastern Religions

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
358

**Teaching Area**
REL C

**Course Title**
Survey of Eastern Religions

**Course Description**
Introduces the history, beliefs, practices, and sacred texts of Hinduism, Janism, Buddhism, Sikhism, Confucianism, Daoism, and Shinto. Comparisons are offered between these religions, and Latter-day Saint belief and practice.

**Department**
Church History&Doctrine

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

## REL C 393R - Special Studies in Religion: Church History and Doctrine

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
393R

**Teaching Area**
REL C

**Course Title**
Special Studies in Religion: Church History and Doctrine

**Course Description**
Topical studies in religion based on student interest and teacher expertise.

**Department**
Church History&Doctrine

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0

## REL C 393R - Men and Women of Mormonism

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
393R

**Teaching Area**
REL C

**Course Title**
Men and Women of Mormonism

**Department**
Church History&Doctrine

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

## REL C 431 - Doctrines of the Gospel

### Course Information

**Teaching Area (new)**
REL C

**Course Number**
431

**Teaching Area**
REL C

**Course Title**
Doctrines of the Gospel

**Course Description**
Doctrines of The Church of Jesus Christ of Latter-day Saints as taught in the scriptures and by latter-day prophets. Intended as a capstone experience to integrate doctrines and principles of the plan of salvation.

**Department**
Church History&Doctrine

**When Taught**
Contact Department

Fixed
3

### Lab Hours

Fixed
0

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Life Choices vs. Doctrines | 206076, 2 |

Learning Outcome
Students will discern whether their life choices are in harmony with the doctrines they understand

| Title | Tags |
| --- | --- |
| Core Doctrines | 206077, 1 |

Learning Outcome
Students will identify, understand, clarify, and explain core doctrines contained in the Standard Works of the Church of Jesus Christ of Latter-day Saints and taught by LDS prophets.

| Title | Tags |
| --- | --- |
| Plan of Salvation | 206078, 3 |

Learning Outcome
Students will explain how various aspects and principles of the plan of salvation work to bring to pass the immortality and eternal life of God's children

## REL C 510R - Special Topics in Church History and Doctrine

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL C | 510R |

Teaching Area

## REL C 540R - Special Topics in Church History and Doctrine

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL C | 540R |

Teaching Area

REL C
**Course Title**
Special Topics in Church History and Doctrine
**Course Description**
Subjects and questions typically addressed by Church Educational System instructors.
**Department**
Church History&Doctrine
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
LDS Church Seminaries and Institutes personnel only
**Note**
No more than 3 hours may apply toward a graduate degree.

| Title | Tags |
| --- | --- |
| The meaning and determination of "doctrine" | 205958, 0 |

**Learning Outcome**
Be able to articulate various meanings of the word doctrine and explain how Latter-day Saint doctrine is determined;

| Title | Tags |
| --- | --- |
| Linking doctrines to Church History | 206080, 1 |

**Learning Outcome**
Be able to identify and link foundational doctrines with key figures (Church leaders) and periods in the history of the LDS Church.

## REL E 500 - Educational Philosophy and Values in Religious Education

REL C
**Course Title**
Special Topics in Church History and Doctrine
**Department**
Church History&Doctrine
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Graduate Readings | 206031, 0 |

**Learning Outcome**
These are assigned graduate-level readings on special topics in Church History, often leading to the writing of a final paper or thesis. Papers are also often assigned, requiring students to master their particular topic and to write a publishable paper.

## REL E 501 - Scripture Teaching

## Course Information

**Teaching Area (new)**
REL E

**Course Number**
500

**Teaching Area**
REL E

**Course Title**
Educational Philosophy and Values in Religious Education

**Course Description**
Philosophical basis and underlying values in religious education.

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Professional Development

**Tags**
206102, 2

**Learning Outcome**
Studtents will understand and be able to assume their roles and responsibilities in the world-wide effort of religious education.

**Title**
Foundations of weekday religious education

**Tags**
206103, 0

**Learning Outcome**

Students will be able to examine and evaluate key doctrinal, historical, and philosophical foundations of weekday religious education as taught by the ancient and latter-day prophets and by current and former Seminary & Institute and Church leaders.

**Title**

## Course Information

**Teaching Area (new)**
REL E

**Course Number**
501

**Teaching Area**
REL E

**Course Title**
Scripture Teaching

**Course Description**
Theory, methodology, and issues of scripture-based teaching in religious education.

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Teaching effectively

**Tags**
205951, 0

**Learning Outcome**
Develop the capability to teach comfortably and effectively from the Four Standard Works of the Church

**Title**
Working with the difficult student - in love

**Tags**
205989, 2

**Learning Outcome**
Develop the human relationship skills so as to know how to love and relate with difficult students.

**Title**
Teaching by the Spirit

**Tags**
206054, 1

**Learning Outcome**
Show competence in teaching the scriptures from the Spirit and in such a way as to affect positive change in high school students

| Title | Tags |
| --- | --- |
| Establishing professional relationships | 206104, 1 |

**Learning Outcome**
Students will be able to establish professional and collaborative relationships with current and former Seminary & Institute leaders through receiving in-class instruction from guest instructors and conducting out-of-class leadership interviews

## REL E 595 - Research Methods in Religious Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| REL E | 595 |

**Teaching Area**
REL E
**Course Title**
Research Methods in Religious Education
**Course Description**
Methodology in and resources for research in the four areas of focus: Church History and Doctrine, Old Testament, New Testament, and Book of Mormon.
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Research and Writing Skills | 206109, 2 |

**Learning Outcome**
Students will be able to demonstrate the skills of essential note-taking, footnote citations, and clarity of writing requisite for writing graduate-level research papers

## ROM 100 - Language Study: Romanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ROM | 100 |

**Teaching Area**
ROM
**Course Title**
Language Study: Romanian
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Romanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 197327, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

level research papers

| Title | Tags |
| --- | --- |
| Document Analysis Skills | 206110, 3 |

**Learning Outcome**
Students will be able to write a graduate level document analysis paper.

| Title | Tags |
| --- | --- |
| Bibliographic Essay Skills | 206111, 4 |

**Learning Outcome**
Students will be able to write a graduate level bibliographical essay.

| Title | Tags |
| --- | --- |
| Scholarly and Critical Thinking Skills | 206112, 1 |

**Learning Outcome**
Students will be able to think and discuss critically and scholarly about church history and doctrine, yet do so in a "household of faith."

| Title | Tags |
| --- | --- |
| Social Situations | 197328, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197329, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## ROM 101 - First-Year Romanian, Part 1

### Course Information

**Teaching Area (new)**
ROM
**Course Number**
101
**Teaching Area**
ROM
**Course Title**
First-Year Romanian, Part 1
**Course Description**
Beginning speaking, listening, reading, and writing skills in Romanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**

## ROM 102 - First-Year Romanian, Part 2

### Course Information

**Teaching Area (new)**
ROM
**Course Number**
102
**Teaching Area**
ROM
**Course Title**
First-Year Romanian, Part 2
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Romanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
2

| Title | Tags |
| --- | --- |
| Comprehension | 193258, 2 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 193267, 1 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 193275, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193284, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Fixed
5

### Lab Hours

Fixed
2

| Title | Tags |
| --- | --- |
| Speaking | 193292, 1 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Comprehension | 193302, 2 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Writing | 193309, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193318, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## ROM 201 - Second-Year Romanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ROM | 201 |

Teaching Area
ROM
Course Title
Second-Year Romanian
Course Description

## ROM 202 - Second-Year Language Study: Romanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ROM | 202 |

Teaching Area
ROM
Course Title

Intermediate speaking, listening, reading, and writing skills in Romanian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Rom 102 or equivalent experience

| Title | Tags |
|---|---|
| Vocabulary | 193326, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Elaboration | 193335, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Grammar | 193344, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 193353, 4 |

Second-Year Language Study: Romanian

**Course Description**
Continued emphasis on Romanian communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ROM 201 - Second-Year Romanian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197320, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197322, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions.

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197324, 3 |

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197325, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## ROM 211R - Second-Year Romanian Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ROM | 211R |

**Teaching Area**
ROM
**Course Title**
Second-Year Romanian Conversation
**Course Description**
Intermediate listening comprehension and speaking skills in Romanian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

## ROM 305 - Language Skills Development: Romanian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| ROM | 305 |

**Teaching Area**
ROM
**Course Title**
Language Skills Development: Romanian
**Course Description**
Increasing proficiency in one or more of the following Romanian language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Rom 102 or equivalent experience

| Title | Tags |
|---|---|
| Conversations | 193363, 1 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

| Title | Tags |
|---|---|
| Survival Transactions | 193383, 2 |

**Learning Outcome**
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 194896, 3 |

**Learning Outcome**
Be understood by native speakers accustomed to dealing with non-native speakers.

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197316, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197317, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197318, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

## ROM 311R - Third-Year Romanian Conversation

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ROM | 311R |

**Teaching Area**
ROM
**Course Title**
Third-Year Romanian Conversation
**Course Description**
Advanced conversational skills in Romanian.
**Department**
Language Studies

## ROM 321 - Advanced Grammar: Romanian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| ROM | 321 |

**Teaching Area**
ROM
**Course Title**
Advanced Grammar: Romanian
**Course Description**
Systematic review of grammar and syntax of Romanian.
**Department**
Language Studies
**When Taught**
Contact Department

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Rom 211R or equivalent experience

| Title | Tags |
|---|---|
| Organized Speech | 193379, 2 |

**Learning Outcome**
Begin to speak in "oral paragraphs."

| Title | Tags |
|---|---|
| Strategies | 193380, 3 |

**Learning Outcome**
Apply appropriate strategies to deal with unpredictable language situations.

| Title | Tags |
|---|---|
| Conversations | 193382, 1 |

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities and current events; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 193384, 4 |

**Learning Outcome**
Be understood by native speakers unaccustomed to dealing with non-native speakers.

Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ROM 202 - Second-Year Language Study: Romanian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197313, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197314, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 197315, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## ROM 330 - Advanced Language Proficiency Through Cultural Studies: Romanian

### Course Information

**Teaching Area (new)**
ROM

**Course Number**
330

**Teaching Area**
ROM

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Romanian

**Course Description**
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Rom 202 or equivalent

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197309, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197310, 2 |

## ROM 340 - Introduction to Romanian Literature and Culture

### Course Information

**Teaching Area (new)**
ROM

**Course Number**
340

**Teaching Area**
ROM

**Course Title**
Introduction to Romanian Literature and Culture

**Course Description**
For returned missionaries or others with extensive Romanian language experience.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Foreign residence experience in Romania

| Title | Tags |
|---|---|
| Language Skills | 192356, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

| Title | Tags |
|---|---|
| Context | 192357, 2 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197311, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197312, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

| Title | Tags |
| --- | --- |
| Key Characteristics | 192358, 1 |

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 194897, 0 |

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

## ROM 350 - Advanced Language Study for Career Purposes: Romanian

### Course Information

Teaching Area (new)
ROM
Course Number
350
Teaching Area
ROM
Course Title
Advanced Language Study for Career Purposes: Romanian
Course Description
Concentration on Romanian language and culture issues for specific careers.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3

## RUSS 101 - First-Year Russian, Part 1

### Course Information

Teaching Area (new)
RUSS
Course Number
101
Teaching Area
RUSS
Course Title
First-Year Russian, Part 1
Course Description
Listening, speaking, reading, writing, grammar, and culture.
Department
German and Russian
When Taught
Fall, Winter, Spring

### Credit Hours

Min
5

Fixed
5

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- ROM 330 - Advanced Language Proficiency Through Cultural Studies: Romanian

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197304, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197305, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 197306, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 197307, 4 |

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

| Title | Tags |
|---|---|
| Novice High Proficiency | 192592, 1 |

**Learning Outcome**
Speak, read, listen, and write at a level equivalent to Novice High or higher on the American Council of Teachers of Foreign Languages (ACTFL) proficiency scale.v

| Title | Tags |
|---|---|
| Basic aspects of Grammar | 192593, 2 |

**Learning Outcome**
Demonstrate control over basic aspects of Russian grammar, such as case usage and verb conjugation in controlled settings.

| Title | Tags |
|---|---|
| Russian Cultural Norms | 192773, 3 |

**Learning Outcome**
Demonstrate an emerging awareness of Russian cultural norms in a limited number of contexts within the scope of learning experiences.

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197308, 5 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## RUSS 102 - First-Year Russian, Part 2

### Course Information

Teaching Area (new)
RUSS
Course Number
102
Teaching Area
RUSS
Course Title
First-Year Russian, Part 2
Course Description
Listening, speaking, reading, writing, grammar, and culture.
Department
German and Russian
When Taught
Winter

### Credit Hours

Min
5
Fixed
5

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

## RUSS 105 - Russian for Speakers of Other Slavic Languages

### Course Information

Course Number
105
Teaching Area
RUSS
Course Title
Russian for Speakers of Other Slavic Languages
Course Description
Intensive course designed for students fluent in a Slavic language. No previous knowledge of Russian required. Development of listening, speaking, reading, writing, grammar, and culture.
Department
German and Russian
When Taught
Winter

### Credit Hours

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Novice High Proficiency | 192601, 1 |

**Learning Outcome**
Speak, read, listen, and write at a level equivalent to Novice High or higher on the American Council of Teachers of Foreign Languages (ACTFL) proficiency scale.

| Title | Tags |
| --- | --- |
| Basic Aspects of Grammar | 192602, 3 |

**Learning Outcome**
Demonstrate control over basic aspects of Russian grammar, such as case usage and verb conjugation in controlled settings.

| Title | Tags |
| --- | --- |
| Awareness fo Russian Cultural Norms | 192603, 4 |

**Learning Outcome**
Demonstrate an emerging awareness of Russian cultural norms in a limited number of contexts within the scope of learninig experiences.

**Recommended**
Knowledge of another Slavic language or some prior experience with Russian

**Note**
For students with an extensive background in a Slavic language or heritage speakers of Russian. Native Russian speakers and Russian-speaking returned missionaries should not take this course.

| Title | Tags |
| --- | --- |
| Interpretive Communication | 214402, 0, 1, 2023-08-29 12:18:05 |

**Learning Outcome**
Understand the main idea and some pieces of information on familiar topics from sentences and series of connected sentences within written or spoken texts.

| Title | Tags |
| --- | --- |
| Interpersonal Communication | 214403, 0, 2, 2023-08-29 12:18:07 |

**Learning Outcome**
Participate in spontaneous written or spoken conversations on familiar topics, creating sentences and series of sentences to ask and answer a variety of questions.

| Title | Tags |
| --- | --- |
| Presentational Communication | 214404, 0, 3, 2023-08-29 12:18:08 |

**Learning Outcome**
Communicate information, make presentations, and express thoughts about familiar topics, using sentences and series of connected sentences through spoken or written language.

| Title | Tags |
| --- | --- |
| Grammatical Accuracy | 214405, 0, 4, 2023-08-29 12:18:10 |

**Learning Outcome**
Understand and apply basic grammar concepts correctly when focused on accuracy.

| Title | Tags |
| --- | --- |
| Intercultural Competence | 214406, 0, 5, 2023-08-29 12:18:12 |

**Learning Outcome**
Make comparisons between Russian and U.S. cultural products and practices to better understand the underlying perspectives.

## RUSS 199R - Academic Internship

### Course Information

**Teaching Area (new)**
RUSS

**Course Number**
199R

**Teaching Area**
RUSS

**Course Title**
Academic Internship

**Course Description**
On-the-job experience evaluated by supervisor and posted on student's transcript. Report required

**Department**
German and Russian

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Department chair's and internship coordinator's consent

**Note**
NOTE: Not applicable to major or minor. NOTE: An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Internship | 192750, 0 |

**Learning Outcome**
Student combines knowledge gained from the Russian curriculum with an internship experience in a related field, preferably connected to the second major or minor.

## RUSS 201 - Second-Year Russian, Part 1

### Course Information

**Teaching Area (new)**
RUSS

**Course Number**
201

**Teaching Area**
RUSS

**Course Title**
Second-Year Russian, Part 1

**Course Description**
Grammar review and conversation.

**Department**
German and Russian

**When Taught**
Fall

#### Credit Hours

**Min**
5

**Fixed**
5

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Russ 102 or instructor's consent, based on prior Russian language experience

**Note**
Russian-speaking returned missionaries should register for Russian 330 rather than Russian 201.

| Title | Tags |
| --- | --- |
| Short Essays | 192604, 1 |

**Learning Outcome**
Students will write short essays incorporating materials introduced in the texts.

| Title | Tags |
| --- | --- |
| Intermediate Low Proficiency | 192605, 2 |

**Learning Outcome**
Russian 201-202 are focused on developing learners' proficiency in speaking, reading, listening, and writing. These courses also focus on developing learners'

focus on developing learners cultural sensitivity. By the end of each course, students will:
1. speak, read, listen, and write at a level equivalent to Intermediate Low or higher on the American Council of Teachers of Foreign Languages (ACTFL) proficiency scale.

**Title**
Basic Aspects of Russian Grammar

**Tags**
192606, 3

**Learning Outcome**
2. Demonstrate increasing control over basic aspects of Russian grammar, such as case usage, verbal conjugation, tense and aspect in controlled settings. This growing accuracy will allow them to begin narrating personal experiences.

**Title**
Awareness of Russian Cultural Norms

**Tags**
192607, 4

**Learning Outcome**
3. Demonstrate a developing awareness of Russian cultural norms in a growing number of contexts within the scope of the learning experience.

## RUSS 202 - Second-Year Russian, Part 2

### Course Information

**Teaching Area (new)**
RUSS

**Course Number**
202

**Teaching Area**
RUSS

**Course Title**
Second-Year Russian, Part 2

**Course Description**
Grammar review and discussion in Russian of both expository and literary readings.

**Department**
German and Russian

**When Taught**
Winter

### Credit Hours

**Min**
5

**Fixed**
5

## RUSS 211 - Second-Year Conversation

### Course Information

**Teaching Area (new)**
RUSS

**Course Number**
211

**Teaching Area**
RUSS

**Course Title**
Second-Year Conversation

**Course Description**
Intermediate listening comprehension and speaking skills.

**Department**
German and Russian

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

3

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

Other Prerequisites
Russ 201 or instructor's consent
Note
Culminating course for Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Intermediate Low Proficiency | 192609, 2 |

Learning Outcome
Russian 201-202 are focused on developing learners' proficiency in speaking, reading, listening, and writing. These courses also focus on developing learners' cultural sensitivity. By the end of each course, students will:
1. speak, read, listen, and write at a level equivalent to Intermediate Low or higher on the American Council of Teachers of Foreign Languages (ACTFL) proficiency scale.

| Title | Tags |
| --- | --- |
| Basic Aspects of Russian Grammar | 192610, 3 |

Learning Outcome
2. Demonstrate increasing control over basic aspects of Russian grammar, such as case usage, verbal conjugation, tense and aspect in controlled settings. This growing accuracy will allow them to begin narrating personal experiences.

| Title | Tags |
| --- | --- |
| Awareness of Russian Cultural Norms | 192611, 6 |

Learning Outcome
3. Demonstrate a developing awareness of Russian cultural norms in a growing number of contexts within the scope of the learning experience.

Other Prerequisites
Russ 201 or foreign residence experience
Note
Offered only as credit by examination upon completion of Russ 330 (maximum 1 hour) or through Study Abroad experience in Russian (1-5 hours).

| Title | Tags |
| --- | --- |
| Conversation | 192748, 0 |

Learning Outcome
Student increases oral proficiency through directed conversation practice and vocabulary building.

# RUSS 301 - Intermediate Russian on Study Abroad

## Course Information

**Teaching Area (new)**
RUSS

**Course Number**
301

**Teaching Area**
RUSS

**Course Title**
Intermediate Russian on Study Abroad

**Course Description**
Grammar and composition, case government, listening and speaking skills.

**Department**
German and Russian

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- RUSS 202 - Second-Year Russian, Part 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Intrmed Russian Study Abroad | 192764, 0 |

**Learning Outcome**
This course is offered only on study abroad. It focuses primarily on the formal elements of the Russian language and aims to help homegrown students bridge the gap between themselves and

# RUSS 302 - Intermediate Russian Part 1

## Course Information

**Teaching Area (new)**
RUSS

**Course Number**
302

**Teaching Area**
RUSS

**Course Title**
Intermediate Russian Part 1

**Course Description**
Integration of different aspects of language learning including speaking, listening, reading, writing, and culture. Geared toward "high-intermediate" language learner without extensive experience abroad.

**Department**
German and Russian

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0.5

**Recommended**
RUSS 202.

Russian RMs.1. Study the fundamentals of Russian grammar2. Write descriptive and narrative compositions aimed at improving command of Russian3. Read short texts designed to supply content for writing composition and class discussion(Russian Section Learning Outcomes 1, 3 and 4) http://germslav.byu.edu/russian/learning-outcomes/

## RUSS 303 - Intermediate Russian Part 2

### Course Information

**Teaching Area (new)**
RUSS

**Course Number**
303

**Teaching Area**
RUSS

**Course Title**
Intermediate Russian Part 2

**Course Description**
Integration of different aspects of language learning including speaking, listening, reading, writing, and culture. Geared toward "high-intermediate" language learner without extensive experience abroad.

**Department**
German and Russian

**When Taught**
Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0.5

**Recommended**
RUSS 202.

## RUSS 311R - Advanced Conversation

### Course Information

**Teaching Area (new)**
RUSS

**Course Number**
311R

**Teaching Area**
RUSS

**Course Title**
Advanced Conversation

**Course Description**
Building vocabulary and developing skills needed to exceed assessed proficiency rating.

**Department**
German and Russian

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
5

**Other Prerequisites**
Russ 211R or equivalent experience.

| Title | Tags |
| --- | --- |
| Conversation | 192825, 1 |

**Learning Outcome**
Students will demonstrate an advanced level conversation.

## RUSS 321 - Third-Year Russian Part 1

## RUSS 322 - Third-Year Russian Part 2

## Course Information

**Teaching Area (new)**
RUSS

**Course Number**
321

**Teaching Area**
RUSS

**Course Title**
Third-Year Russian Part 1

**Course Description**
Grammar and composition, case government, listening and speaking skills.

**Department**
German and Russian

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Russ 202 or equivalent

**Title**
Grammar

**Tags**
192612, 1

**Learning Outcome**
This two-course series focuses primarily on the formal elements of the Russian language and aims to improve students' command of it in the following three ways:
1. grammar, considerable focus on the structure of Russian and fundamentals of grammar

**Title**
Writing

**Tags**
192613, 2

**Learning Outcome**
2. writing, descriptive and narrative writing compositions aimed at improving command of one's language

**Title**

**Tags**

## Course Information

**Teaching Area (new)**
RUSS

**Course Number**
322

**Teaching Area**
RUSS

**Course Title**
Third-Year Russian Part 2

**Course Description**
Grammar and composition, case government, listening and speaking skills.

**Department**
German and Russian

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Russ 202 or equivalent

**Title**
Grammar

**Tags**
192615, 1

**Learning Outcome**
This two-course series focuses primarily on the formal elements of the Russian language and aims to improve students' command of it in the following three ways:
1. grammar, considerable focus on the structure of Russian and fundamentals of grammar

**Title**
Writing

**Tags**
192616, 2

**Learning Outcome**
2. writing, descriptive and narrative writing compositions aimed at improving command of one's language

**Title**

**Tags**

| | |
|---|---|
| Reading | 192614, 5 |

**Learning Outcome**
3. reading, short texts designed to supply content for writing composition and class discussion

| | |
|---|---|
| Reading | 192617, 5 |

**Learning Outcome**
3. reading, short texts designed to supply content for writing composition and class discussion

## RUSS 323 - Russian Phonology and Morphology

### Course Information

**Teaching Area (new)**
RUSS
**Course Number**
323
**Teaching Area**
RUSS
**Course Title**
Russian Phonology and Morphology
**Course Description**
Perfecting speaking and listening skills through phonetics and applied speaking and listening techniques. Better understanding and using the structures of Russian through studying morphology and historical phonology.
**Department**
German and Russian
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- RUSS 321 - Third-Year Russian Part 1

**Additional Comments:**

## RUSS 330 - Cultural History of Russia

### Course Information

**Teaching Area (new)**
RUSS
**Course Number**
330
**Teaching Area**
RUSS
**Course Title**
Cultural History of Russia
**Course Description**
Culture, with listening, speaking, reading, writing, and grammar as secondary emphases.
**Department**
German and Russian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Russ 202 or foreign residence experience
**Note**
Required course for obtaining language credit by examination (Russ 101, 102, 201, 211R); exam instructions provided after course begins. Culminating course for Languages of Learning requirement. Includes International Cinema.

| Title | Tags |
|---|---|
| Cultural History | 192622, 2 |

**Learning Outcome**
1. Identify the main periods, figures, and achievements of Russian cultural history.

| Title | Tags |
| --- | --- |
| Phonetics and Phonology | 192618, 1 |

**Learning Outcome**
1. Learn the basics of the Russian sound system (phonetics and phonology).

| Title | Tags |
| --- | --- |
| Inflectional and Derivational Morphology and Historical Phonology | 192619, 2 |

**Learning Outcome**
2. Learn the basics of Russian inflectional and derivational morphology and historical phonology in order to better understand the way the Russian language functions as a system.

| Title | Tags |
| --- | --- |
| Improving Pronunciation and Listening Comprehension | 192620, 5 |

**Learning Outcome**
3. Use new knowledge of the way the sounds of the Russian language are produced and the way they interact to improve pronunciation and listening comprehension.

| Title | Tags |
| --- | --- |
| Improve Language Use | 192621, 7 |

**Learning Outcome**
4. Use knowledge of the structures of Russian to help students master the details of conjugation, declension and derivation. (Improve language use)

| Title | Tags |
| --- | --- |
| Cultural Sensitivity | 192623, 4 |

**Learning Outcome**
2. Demonstrate sensitivity to cultural difference generally and, more specifically, to differences between their own culture and that of Russian.

| Title | Tags |
| --- | --- |
| Essays | 192624, 6 |

**Learning Outcome**
3. Write essays characterized by good organization, coherent development.

## RUSS 340 - Masterpieces of the Russian Novel in English

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| RUSS | 340 |

**Teaching Area**
RUSS
**Course Title**
Masterpieces of the Russian Novel in English
**Course Description**
Survey of Russian novels by such authors as Pushkin, Tolstoy, Dostoevsky, and Pasternak.

## RUSS 341 - Dostoevsky's Major Works in Translation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| RUSS | 341 |

**Teaching Area**
RUSS
**Course Title**
Dostoevsky's Major Works in Translation
**Course Description**
Survey of Dostoevsky's major works in English translation.
**Department**

**Department**
German and Russian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Reading | 192625, 1 |

**Learning Outcome**
The design of this course is to introduce students to some of the most important works of Russian literature. Our aim is for the student to be able to explain the trends and characteristics of the Classic Russian Novel and illustrate them with examples from the assigned readings. To help the student realize this objective, we focus our attention on three areas:
1. Reading:Those responsible for course instruction choose the assigned readings (mutually agreed upon by members of the section). Students that complete the assigned readings will demonstrate a critical understanding of and appreciation for literature.

| Title | Tags |
| --- | --- |
| Writing | 192626, 2 |

**Learning Outcome**
2. Writing: Writing both in and outside of the classroom will enable the student to develop a reasonable interpretation of a literary text and to support that interpretation with evidence.

German and Russian
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Reading | 192628, 1 |

**Learning Outcome**
The design of this course is to introduce students to the important works of Fyodor Dostoevsky. Our aim is for the student to be able to explain the key issues Dostoevsky explores in his work and illustrate them with examples from the author's novels and short stories. To help the student realize this objective, we focus our attention on three areas:
1. Reading: Those responsible for course instruction choose the assigned readings (mutually agreed upon by members of the section). Students that complete the assigned readings will demonstrate a critical understanding of and appreciation for Dostoevsky's work.

| Title | Tags |
| --- | --- |
| Writing | 192629, 2 |

**Learning Outcome**
2. Writing:Writing both in and outside of the classroom will enable the student to develop a reasonable interpretation of a literary text and to support that interpretation with evidence. Students will be able to write a

| Title | Tags |
| --- | --- |
| Student Interaction | 192627, 5 |

**Learning Outcome**
3. Significant Student Interaction: Class discussions are led by both the instructor and the student. Active participation in class discussions will increase the student's ability to identify and articulate the concerns raised in the assigned readings.

| Title | Tags |
| --- | --- |
| Reading | 192631, 1 |

**Learning Outcome**
The design of this course is to research paper in the appropriate citation style.

| Title | Tags |
| --- | --- |
| Student Interaction | 192630, 3 |

**Learning Outcome**
3. Significant Student Interaction:Class discussions are led by both the instructor and the student. Active participation in class discussions will increase the student's ability to identify and articulate the questions Dostoevsky raises in his work.

## RUSS 342 - Tolstoy's Major Works in Translation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| RUSS | 342 |

**Teaching Area**
RUSS
**Course Title**
Tolstoy's Major Works in Translation
**Course Description**
Survey of Tolstoy's major works in English translation.
**Department**
German and Russian
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## RUSS 343 - Masterpieces of Russian Film

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| RUSS | 343 |

**Teaching Area**
RUSS
**Course Title**
Masterpieces of Russian Film
**Course Description**
Developing listening comprehension and speaking skills through discussing Russian films. Includes International Cinema.
**Department**
German and Russian
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

introduce students to the important works of Lev Tolstoy. Our aim is for the student to be able to explain the key issues Tolstoy explores in his work and illustrate them with examples from the author's novels and short stories. To help the student realize this objective, we focus our attention on three areas:
1. Reading:Those responsible for course instruction choose the assigned readings (mutually agreed upon by members of the section). Students that complete the assigned readings will demonstrate a critical understanding of and appreciation for Tolstoy's work.

| Title | Tags |
|---|---|
| Writing | 192632, 2 |

**Learning Outcome**
2. Writing both in and out of the classroom will enable the student to develop a reasonable interpretation of a literary text and to support that interpretation with evidence. Students will be able to write a research paper in the appropriate citation style.

| Title | Tags |
|---|---|
| Student Interaction | 192633, 5 |

**Learning Outcome**
3. Significant Student Interaction:Class discussions are led by both the instructor and the student. Active participation in class discussions will increase the student's ability to identify and articulate the questions Tolstoy raises in his work.

Prerequisites

**Complete ALL of the following Courses:**
- RUSS 330 - Cultural History of Russia

**Additional Comments:**

| Title | Tags |
|---|---|
| Watching Soviet/Russian Films | 192634, 2 |

**Learning Outcome**
1. Watch Soviet/Russian films. Due to the rich heritage of Soviet/Russian cinema this course does not claim to be an exhaustive treatment of all the great Soviet/Russian films, but rather aims to concentrate on the most nationally acclaimed Soviet/Russian films, American Academy Award nominated films, and internationally acclaimed Soviet/Russian films.

| Title | Tags |
|---|---|
| Critical Analysis | 192635, 4 |

**Learning Outcome**
2. Critically analyze cultural and aesthetic aspects of Russian films orally and in writing.

## RUSS 344 - Historical Survey of Russian Arts and Letters

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| RUSS | 344 |

**Teaching Area**
RUSS
**Course Title**
Historical Survey of Russian Arts and Letters
**Course Description**

## RUSS 399R - Academic Internship

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| RUSS | 399R |

**Teaching Area**
RUSS
**Course Title**
Academic Internship
**Course Description**
On-the-job experience in Russian-related areas. Report required.

A historical survey of Russian arts and letters, specifically visual arts, dance, music, theater, and film.

**Department**
German and Russian

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Department**
German and Russian

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- RUSS 202 - Second-Year Russian, Part 2

**Additional Comments:**

**Other Prerequisites**
department's consent

**Note**
NOTE: Not applicable to any Russian major or minor. NOTE: An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Internship | 192745, 0 |

**Learning Outcome**
Student combines knowledge gained from the Russian curriculum with an internship experience in a related field, preferably connected to the second major or minor.

## RUSS 421 - Fourth-Year Russian, Part 1

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| RUSS | 421 |

**Teaching Area**
RUSS

## RUSS 422 - Fourth-Year Russian, Part 2

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| RUSS | 422 |

**Teaching Area**
RUSS

**Course Title**
Fourth-Year Russian, Part 1
**Course Description**
Contemporary language and culture.
**Department**
German and Russian
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- RUSS 321 - Third-Year Russian Part 1
  **AND** RUSS 322 - Third-Year Russian Part 2
  **AND** RUSS 330 - Cultural History of Russia

**Additional Comments:**

| Title | Tags |
|---|---|
| Vocabulary | 192636, 1 |

**Learning Outcome**
1. Increase vocabulary and use of synonyms.

| Title | Tags |
|---|---|
| Opinions and Arguments | 192637, 2 |

**Learning Outcome**
2. Improve ability to state and support opinions and organize arguments.

| Title | Tags |
|---|---|
| Hypothesizing | 192638, 3 |

**Course Title**
Fourth-Year Russian, Part 2
**Course Description**
The structure of Russian.
**Department**
German and Russian
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- RUSS 321 - Third-Year Russian Part 1
  **AND** RUSS 322 - Third-Year Russian Part 2
  **AND** RUSS 330 - Cultural History of Russia

**Additional Comments:**

| Title | Tags |
|---|---|
| Morphology and Phonology | 192640, 1 |

**Learning Outcome**
1. Learn the basics of Russian inflectional and derivational morphology and historical phonology in order to better understand the way the Russian language functions as a system.

| Title | Tags |
|---|---|
| Improving Language Use | 192641, 4 |

**Learning Outcome**
2. Use knowledge of the structures of Russian to help students master the details of conjugation, declension and derivation. (Improve language

**Learning Outcome**
3. Foster ability to hypothesize in Russian.

| Title | Tags |
| --- | --- |
| Daily Reading | 192639, 6 |

**Learning Outcome**
4. Use daily reading as a method for learning vocabulary and improving language.

derivation. (Improve language use)

## RUSS 441 - Masterpieces of Russian Literature 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| RUSS | 441 |

**Teaching Area**
RUSS
**Course Title**
Masterpieces of Russian Literature 1
**Course Description**
Survey of shorter masterpieces in Russian.
**Department**
German and Russian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- RUSS 321 - Third-Year Russian Part 1
- **AND** RUSS 322 - Third-Year Russian Part 2

## RUSS 442 - Masterpieces of Russian Literature 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| RUSS | 442 |

**Teaching Area**
RUSS
**Course Title**
Masterpieces of Russian Literature 2
**Course Description**
Survey of shorter masterpieces in Russian.
**Department**
German and Russian
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- RUSS 321 - Third-Year Russian Part 1
- **AND** RUSS 322 - Third-Year Russian Part 2

**AND** RUSS 322 - Third-Year Russian Part 2
**AND** RUSS 340 - Masterpieces of the Russian Novel in English

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Reading | 192642, 1 |

**Learning Outcome**
1. To read in Russian mutually agreed upon poems, short stories, and plays of nineteenth-century Russian literature and understand their literary, social, historical, and religious contexts.

| Title | Tags |
| --- | --- |
| Writing | 192643, 2 |

**Learning Outcome**
2. To write essays in Russian in which students are able to formulate insightful arguments and support their ideas with detailed textual references. This written work should be characterized by good organization and a logical development of ideas.

| Title | Tags |
| --- | --- |
| Analysis and Discussion | 192644, 3 |

**Learning Outcome**
3. To analyze and discuss the literary works and the authors in Russian as the course will be taught predominantly in Russian.

**AND** RUSS 322 - Third-Year Russian Part 2
**AND** RUSS 340 - Masterpieces of the Russian Novel in English

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Reading | 192645, 1 |

**Learning Outcome**
1. To read in Russian mutually agreed upon poems, short stories, and plays of nineteenth-century Russian literature and understand their literary, social, historical, and religious contexts.

| Title | Tags |
| --- | --- |
| Writing | 192646, 2 |

**Learning Outcome**
2. To write essays in Russian in which students are able to formulate insightful arguments and support their ideas with detailed textual references. This written work should be characterized by good organization and a logical development of ideas.

| Title | Tags |
| --- | --- |
| Analysis and Discussion | 192647, 3 |

**Learning Outcome**
3. To analyze and discuss the literary works and the authors in Russian as the course will be taught predominantly in Russian.

## RUSS 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
RUSS

**Course Number**
477R

**Teaching Area**
RUSS

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
German and Russian

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

## RUSS 490R - Special Studies in Russian

### Course Information

**Teaching Area (new)**
RUSS

**Course Number**
490R

**Teaching Area**
RUSS

**Course Title**
Special Studies in Russian

**Course Description**
Variable credit for individual or group study as approved for special circumstances.

**Department**
German and Russian

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Special Studies | 192749, 0 |

**Learning Outcome**
Student increases Russian language proficiency and cultural knowledge through directed independent study with a faculty member.

## RUSS 492R - Senior Seminar: Passages and Conclusions

### Course Information

**Teaching Area (new)**
RUSS

**Course Number**
492R

**Teaching Area**
RUSS

**Course Title**
Senior Seminar: Passages and Conclusions

**Course Description**
In-depth study of a limited area of literature or language. Content varies; requires research and writing.

**Department**
German and Russian

## SAMOA 100 - Language Study: Samoan

### Course Information

**Teaching Area (new)**
SAMOA

**Course Number**
100

**Teaching Area**
SAMOA

**Course Title**
Language Study: Samoan

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Samoan.

**Department**
Language Studies

**When Taught**

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- RUSS 441 - Masterpieces of Russian Literature 1

Prerequisites

**Complete ALL of the following Courses:**
- RUSS 442 - Masterpieces of Russian Literature 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Thinking | 192648, 1 |

**Learning Outcome**
This course provides a culminating undergraduate experience for students in the following three ways:
1. critical thinking, course content affords significant intellectual development and growth

| Title | Tags |
|---|---|
| Russian Language | 192649, 2 |

**Learning Outcome**
2. target language, the Russian language plays an integral role in the course curriculum

Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 197301, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 197302, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 197303, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

in the course curriculum

| Title | Tags |
| --- | --- |
| Writing | 192650, 3 |

Learning Outcome
3. writing, compositions that demonstrate students' critical thinking and Russian language skills

## SAMOA 101 - First-Year Language Study: Samoan

### Course Information

**Teaching Area (new)**
SAMOA
**Course Number**
101
**Teaching Area**
SAMOA
**Course Title**
First-Year Language Study: Samoan
**Course Description**
Beginning speaking, listening, reading, and writing skills in Samoan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 197297, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |

## SAMOA 102 - First-Year Language Study: Samoan

### Course Information

**Teaching Area (new)**
SAMOA
**Course Number**
102
**Teaching Area**
SAMOA
**Course Title**
First-Year Language Study: Samoan
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Samoan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SAMOA 101 - First-Year Language Study: Samoan

| Title | Tags |
| --- | --- |
| Speaking | 197298, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197299, 4 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197300, 5 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 197293, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197294, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197295, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197296, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## SAMOA 201 - Second-Year Language Study: Samoan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SAMOA | 201 |

**Teaching Area**
SAMOA
**Course Title**
Second-Year Language Study: Samoan
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Samoan.
**Department**
Language Studies

## SAMOA 202 - Second-Year Language Study: Samoan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SAMOA | 202 |

**Teaching Area**
SAMOA
**Course Title**
Second-Year Language Study: Samoan
**Course Description**
Continued emphasis on Samoan communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies

**When Taught**
Contact Department

## Credit Hours

**Min**
4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- SAMOA 102 - First-Year Language Study: Samoan

Prerequisites

**Complete ALL of the following Courses:**

- FLANG 102R - First-Year Language Study

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197289, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197290, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading

**When Taught**
Contact Department

## Credit Hours

**Min**
4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SAMOA 201 - Second-Year Language Study: Samoan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197285, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197286, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in

comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 197291, 3 |

Learning Outcome
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 197292, 4 |

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197287, 3 |

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197288, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## SAMOA 305 - Language Skills Development: Samoan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SAMOA | 305 |

**Teaching Area**
SAMOA
**Course Title**
Language Skills Development: Samoan
**Course Description**
Increasing proficiency in one or more of the following Samoan language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197282, 1 |

## SAMOA 321 - Advanced Grammar: Samoan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SAMOA | 321 |

**Teaching Area**
SAMOA
**Course Title**
Advanced Grammar: Samoan
**Course Description**
Systematic review of grammar and syntax of Samoan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 197283, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197284, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SAMOA 202 - Second-Year Language Study: Samoan

Additional Comments:

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197279, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197280, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197281, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## SAMOA 330 - Advanced Language Proficiency Through Cultural Studies: Samoan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SAMOA | 330 |

Teaching Area
SAMOA
Course Title
Advanced Language Proficiency Through Cultural Studies: Samoan
Course Description

## SAMOA 340 - Introduction to Literature: Samoan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SAMOA | 340 |

Teaching Area
SAMOA
Course Title
Introduction to Literature: Samoan
Course Description
Advanced study of Samoan literature. Continued emphasis on

Study of Samoan culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Samoa 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197275, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197276, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197277, 3 |

**Learning Outcome**
Acquire background knowledge

communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SAMOA 330 - Advanced Language Proficiency Through Cultural Studies: Samoan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197271, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197272, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197273, 3 |

**Learning Outcome**

of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197278, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 197274, 4 |

Learning Outcome
Improve target-language reading, writing, and speaking skills.

## SAMOA 350 - Advanced Language Study for Career Purposes: Samoan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SAMOA | 350 |

Teaching Area
SAMOA
Course Title
Advanced Language Study for Career Purposes: Samoan
Course Description
Concentration on Samoan language and culture issues for specific careers.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## SC ED 250 - Literacy and Learning for the Disciplines

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SC ED | 250 |

Teaching Area
SC ED
Course Title
Literacy and Learning for the Disciplines
Course Description
An investigation of the literacies needed to participate in the various disciplines and the support needed to learn those literacies.
Department
Teacher Education
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SAMOA 330 - Advanced Language Proficiency Through Cultural Studies: Samoan

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197266, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197267, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 197268, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 197269, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197270, 5 |

| Title | Tags |
|---|---|
| Identify Disciplinary Texts & Literacies | 206558, 2 |

**Learning Outcome**
Identify the range of texts and literacies used to communicate, reason, and participate within a specific discipline. (GE letters #1 & #2)

| Title | Tags |
|---|---|
| Contrast Literacy Across Disciplines | 206559, 3 |

**Learning Outcome**
Contrast the literacies necessary to participate in a discipline with those needed in different disciplines. (GE letters #1 & #2)

| Title | Tags |
|---|---|
| Describe Support for Acquiring Literacies | 206560, 4 |

**Learning Outcome**
Describe supports needed for individuals to gain the literacies necessary to read and write disciplinary texts. (GE letters #3)

| Title | Tags |
|---|---|
| Know Theories of the Disciplines | 206561, 1 |

**Learning Outcome**
Demonstrate an understanding of the theories related to disciplinary literacy (including texts, reading, writing, communicating, reasoning) and the implications of these theories for participation in disciplinary practices. (GE letters #2)

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## SC ED 276R - Exploration of Teaching: Biological Sciences

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching: Biological Sciences

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
4

**Other Prerequisites**
Major-area preadmission requirements; FBI fingerprint and background clearance.

**Title**
Professionalism

**Tags**
179025, 2

**Learning Outcome**
Students will explore the issues of schooling and the career choices in education.

**Title**
Application

**Tags**
182472, 1

**Learning Outcome**
Each student will gain practical teaching experience.

## SC ED 276R - Exploration of Teaching: Physical Science

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching: Physical Science

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
4

**Other Prerequisites**
Major-area preadmission requirements; FBI fingerprint and background clearance.

**Title**
instruction

**Tags**
178756, 0

**Learning Outcome**
Students will be able to identify and demonstrate effective teaching practices.

**Title**
professionalism

**Tags**
178800, 1

**Learning Outcome**
Students will understand the career choices in education.

## SC ED 276R - Exploration of Teaching: Technology Teacher Education

## SC ED 276R - Exploration of Teaching: Dance

## Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching: Technology Teacher Education

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
4

**Other Prerequisites**
Major-area preadmission requirements; FBI fingerprint and background clearance.

**Title**
SFL 276: Introduction to Secondary Education for Family and Consumer Science Majors

**Tags**
182412, 1

**Learning Outcome**
This course is a field-based course taken during the initial teaching experience. It is directed at helping prospective teachers experience the demands and opportunities associated with teaching Family and Consumer Sciences in secondary education classrooms.

**Title**
A) Students will observe, experience, and analyze firsthand the responsibilities and environment of teaching Family and Consumer Sciences in a secondary public school setting.

**Tags**
182413, 2

**Learning Outcome**
- Students observe, teach, demonstrate, and complete a bulletin board out in schools 6 -7 days during the block.
- An hours form and evaluation form is filled out with public teacher signature.

**Title**

## Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching: Dance

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
4

**Other Prerequisites**
Major-area preadmission requirements; FBI fingerprint and background clearance.

**Title**
Instruction

**Tags**
179029, 2

**Learning Outcome**
Students will explore the issues of schooling and the career choices in education.

**Title**
Application

**Tags**
182452, 1

**Learning Outcome**
Each student will gain practical teaching experience.

B) Students will identify and discuss the characteristics of an effective teacher

Tags
182414, 3

Learning Outcome
- The First Days of School textbook discussion question assignments are written, turned in and discussed in class.

Title
C) Students will demonstrate ability to research and understand current issues facing public schools by collecting scholarly articles and presenting an opinion.

Tags
182415, 4

Learning Outcome
Students complete a research project by reading and responding to 4 or more current education articles.

Title
Students will reflect and build on the goals of the BYU Educator Preparation Program.

Tags
182416, 5

Learning Outcome
Students increase understanding of personal strengths and weaknesses that will aid in progression toward excellence in teacher preparation by keeping a field journal of their experiences.

## SC ED 276R - Exploration of Teaching: Mathematics

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching: Mathematics

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

## SC ED 276R - Exploration of Teaching: Music

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching: Music

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**

Min
3

Fixed
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

| Title | Tags |
| --- | --- |
| instruction | 178781, 0 |

Learning Outcome
Students will be able to identify and demonstrate effective teaching practices.

| Title | Tags |
| --- | --- |
| professionalism | 179005, 1 |

Learning Outcome
Students will explore the issues of schooling and the career choices in education.

3

Fixed
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance

Tags
187648, 8

Learning Outcome
Each student has at least 2 mentored formal teaching experiences involving junior high music studentsthe interaction between 276 students and the junior high students is carefully reviewed both by the Universitysupervisor and the 276 student him/herself.

Tags
187774, 2

Learning Outcome
In this course students will engage in several improvisation and composing opportunities duringdemonstrations of teaching strategies.

Tags
187808, 6

Learning Outcome
Students will conduct 12 observations of successful practitioners in local public schools where theyhave the opportunity to gather many strategies and materials along with insights regarding philosophiesunderlying them. Practical approaches/techniques are also presented during the â?? processâ? discussions in classand by the rhythm teaching exercises as the beginning of each seminar

Tags
187832, 7

Learning Outcome
The term project for this course and the related â??processâ? discussions represent a carefully guidedincursion into grounded pedagogical practice.

Tags
187889, 1

Learning Outcome
In this course students will each perform for each other and receive feedback on your performance. Students will also improve as performers by providing feedback for your peers

| Title | Tags |
| --- | --- |
| Lectures and Activities | 188079, 4 |

**Learning Outcome**

The perspectives lectures and activities in this course are designed to create foundational questionsand a propensity for deep thinking about music through philosophical and theoretical discussions particularlyas part of the re-visioning of music literacy.

## SC ED 276R - Exploration of Teaching: English

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching: English

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
4

**Other Prerequisites**
Major-area preadmission requirements; FBI fingerprint and background clearance.

| Title | Tags | Learning Outcome |
|---|---|---|
| Issues in Education | 179019, 2 | Students will have a basic understanding of current issues in public education. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Application | 182453, 1 | Each student will gain practical teaching experience. |

## SC ED 276R - Exploration of Teaching: Health

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching: Health

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
4

**Other Prerequisites**
Major-area preadmission requirements; FBI fingerprint and background clearance.

| Title | Tags | Learning Outcome |
|---|---|---|
| Instruction | 179027, 2 | Students will explore the issues of schooling and the career choices in education. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Application | 182456, 1 | Each student will gain practical teaching experience. |

## SC ED 276R - Exploration of Teaching

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**Department**
Teacher Education

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
3

**Fixed**
4

**Other Prerequisites**
Major-area preadmission requirements; FBI fingerprint and background clearance.

| Title | Tags |
|---|---|
| Knowledge | 182457, 1 |

**Learning Outcome**
Students will explore the issues of schooling and the career choices in education.

## SC ED 276R - Exploration of Teaching: Art

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching: Art

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**Department**
Teacher Education

**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
4

**Other Prerequisites**
30 semester hours or sophomore status; FBI fingerprint and background clearance

| Title | Tags |
|---|---|
| Issues in Education | 179021, 2 |

**Learning Outcome**
Students will have a basic understanding of current issues in public education.

| Title | Tags |
|---|---|
| Application | 182451, 1 |

**Learning Outcome**
Each student will gain practical teaching experience.

## SC ED 276R - Exploration of Teaching: Theatre and Media Arts

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching: Theatre and Media Arts

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with

## SC ED 276R - Exploration of Teaching: Foreign Language

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
276R

**Teaching Area**
SC ED

**Course Title**
Exploration of Teaching: Foreign Language

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with

teaching secondary students.

**Department**
Teacher Education

**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
4

**Other Prerequisites**
Major-area preadmission requirements; FBI fingerprint and background clearance.

| Title | Tags |
|---|---|
| Issues in Education | 179017, 9 |

**Learning Outcome**
Students will have a basic understanding of current issues in public education.

| Tags | Learning Outcome |
|---|---|
| 188867, 2 | Each student will evaluate a variety of learning styles. |
| 188891, 5 | Each student will acquire confidence in their teaching talents. |
| 188893, 3 | Each student will objectively begin to understand their personal teaching style. |
| 188952, 6 | Each student will learn to develop specific lesson plans and educational units. |
| 188979, 7 | Each student will create a professional education portfolio. |
| 189050, 8 | Each student will learn about teaching resources and information. |

teaching secondary students.

**Department**
Teacher Education

**When Taught**
Contact Department

**Credit Hours**

**Min**
3

**Fixed**
4

**Other Prerequisites**
Major-area preadmission requirements; FBI fingerprint and background clearance

| Tags | Learning Outcome |
|---|---|
| 54123, 3 | Participate in a visit to a charter school, a school for children with physical and mental challenges, and an alternative school. |
| 54155, 9 | Complete admission requirements to be admitted into the secondary education program. |
| 54194, 10 | Analyze case study incidences regarding the moral dimensions of teaching. |
| 54231, 1 | Evaluate a variety of learning styles. |
| 54254, 8 | Conduct an interview with a child regarding their perceptions of art and create an summary analysis of the data collected. |
| 54269, 11 | Generate lesson plans in relation to observations, school cultures, district and state mandates, and contemporary educational theory. |
| 54324, 6 | Create a presentation on an art education method and create a guide sheet |

Tags
189086, 1

Learning Outcome
Each student will understand the theoretical and practical nature of education.

Title
appllication

Tags
189202, 4

Learning Outcome
Each student will gain practical teaching experience.

54524, 6

guide sheet.

Tags
54556, 5

Learning Outcome
Video record one lesson to view and analyze and review with peers.

Tags
54581, 2

Learning Outcome
Create an instructional resource file.

Tags
54607, 4

Learning Outcome
Participate in visits to schools (elementary specialist, middle level, high school, and 2 schools of the studentâ??s choice), prepare observations in each setting, teach an art lesson at assigned settings, conduct peer evaluations, and complete journal entries with reflective entries.

Tags
54644, 7

Learning Outcome
Create school newsletter, bulletin board display and an instructional resource aid.

## SC ED 276R - Exploration of Teaching: Exercise Sciences

### Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Exercise Sciences

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
4

## SC ED 350 - Adolescent Development in an Education Context

### Course Information

Teaching Area (new)
SC ED

Course Number
350

Teaching Area
SC ED

Course Title
Adolescent Development in an Education Context

Course Description
Adolescent development in the context of education. Focus is on the implications for integrated school culture, curriculum design, instructional practices, and assessment.

Department
Teacher Education

When Taught
Fall, Winter, Spring

### Credit Hours

Min
2

Fixed
2

**Other Prerequisites**
Major-area preadmission requirements; FBI fingerprint and background clearance.

| Title | Tags |
| --- | --- |
| Application | 182454, 1 |

**Learning Outcome**
Each student will gain practical teaching experience.

## SC ED 353 - Multicultural Education for Secondary Education

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Sc Ed 276R or major area equivalent.
**Note**
Class is restricted to secondary education majors in biology, physical education teacher education, music, dance, and arts.

| Title | Tags |
| --- | --- |
| Demonstrate Impact on Classroom Environments | 191731, 3 |

**Learning Outcome**
The students will demonstrate understanding of how the stages of development impact classroom environments and management.

| Title | Tags |
| --- | --- |
| Demonstrate Impact on Instructional Processes | 191732, 1 |

**Learning Outcome**
Students will be able to recognize and identify the implications of adolescent development on their own teaching and be able to integrate future lessons with the knowledge they have of development.

| Title | Tags |
| --- | --- |
| Developmental Stages | 191733, 2 |

**Learning Outcome**
The students will understand the social, physical, and cognitive developmental stages of adolescence in relation to the tasks of automony, identity and intimacy development.

## SC ED 375 - Adolescent Development and Classroom Management

## Course Information

**Teaching Area (new)**
SC ED

**Course Number**
353

**Teaching Area**
SC ED

**Course Title**
Multicultural Education for Secondary Education

**Course Description**
Prepare teacher candidates with skills and dispositions to recognize, critique, and respond to equitable learning environments for all students. Explicit attention will be given to race, social class, gender, sexuality, ability, ethnicity, language, religion, and sociocultural diversity.

**Department**
Teacher Education

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Recognize Privilege and Inequity | 178854, 7 |

**Learning Outcome**
Recognize and acknowledge racism, discrimination and other forms of inequity and privilege in themselves, in others, and within institutions.

| Title | Tags |
|---|---|
| Effects of Culture on Learning and Teaching | 191434, 2 |

**Learning Outcome**
Acknowledge the dynamics of culture and diversity in school success and teachers' teaching. This includes recognizing and overcoming deficit thinking.

| Title | Tags |
|---|---|
| [illegible] | [illegible] |

## Course Information

**Teaching Area (new)**
SC ED

**Course Number**
375

**Teaching Area**
SC ED

**Course Title**
Adolescent Development and Classroom Management

**Course Description**
Analysis of education practice and the relationship between theories and research on development, classroom management, education and the practice of teaching. Focus on adolescent development and an introduction to classroom management.

**Department**
Teacher Education

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Sc Ed 276R or major area equivalent.

| Title | Tags |
|---|---|
| Demonstrate Impact on Instructional Processes | 188070, 1 |

**Learning Outcome**
Students will be able to recognize and identify the implications of adolescent development on their own teaching and be able to integrate future lessons with the knowledge they have of development.

| Title | Tags |
|---|---|
| Developmental Stages | 205931, 1 |

**Learning Outcome**
Students will understand the social, physical and cognitive developmental stages of adolescence in relation to the tasks of autonomy, identity and

| Title | Tags |
| --- | --- |
| Inclusive Civic Engagement | 191734, 6 |

**Learning Outcome**
Learn to appreciate and value differences. Recognize how diversity enriches opportunities for learning and engagement in the various communities they participate.

| Title | Tags |
| --- | --- |
| Critical Dispositions | 191735, 4 |

**Learning Outcome**
Recognize and use a personal moral spiritual framework. Demonstrate a willingness to engage in self-critique and exploration, developing meekness, comittment to advocacy, and lifelong habits of reflection about self, others and institutions. Exploring frames of reference, ways of knowing, culture, gender, sexuality, race and ethnicty, language abilities, immigration, social class, poverty, potential bias in theses frames and

| Title | Tags |
| --- | --- |
| Cultural Identities | 191736, 1 |

**Learning Outcome**
Examine and understand the various dimensions of cultural identity, including one's own, and apply this knowledge to through a process of reflection.

| Title | Tags |
| --- | --- |
| Theoretical Frameworks | 205430, 8 |

**Learning Outcome**
Recognize and use a personal moral spiritual framework along with principles and concepts of social science to guide educational accomplishments for diverse learners.

intimacy development.

| Title | Tags |
| --- | --- |
| Demonstrate Impace on Classroom Environments | 205932, 2 |

**Learning Outcome**
Students will be able to demonstrate an understanding of how adolescent development impacts classroom environments. They will be able to integrate theories of classroom management with their knowledge of adolescent development in order to plan future lessons and management practices based on student developmental needs.

## SC ED 377R - Teaching Methods and Instruction

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SC ED | 377R |

## SC ED 379 - Classroom Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SC ED | 379 |

Teaching Area
SC ED

**Teaching Area**
SC ED
**Course Title**
Teaching Methods and Instruction
**Course Description**
Developing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.
**Department**
Teacher Education
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Major-specific program requirements

| Title | Tags |
|---|---|
| Assessment | 178732, 1 |

**Learning Outcome**
The students will link assessment to learning goals and strategies in teaching content in secondary classrooms.

| Title | Tags |
|---|---|
| planning | 178797, 2 |

**Learning Outcome**
Students will create learning objectives to meet content and instructional goals.

| Title | Tags |
|---|---|
| Instructional Strategies | 178805, 0 |

**Learning Outcome**
The students will understand and implement a variety of teaching strategies in teaching content in secondary classrooms.

SC ED
**Course Title**
Classroom Management
**Course Description**
Current theory, research, and application in classroom management; creating positive teacher-student and peer relationships; developing optimal learning environments.
**Department**
Teacher Education
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Sc Ed 377R and 378, or equivalent major courses; Sc Ed 276R or Phy S 276 or Engl 276R or Bio 276 or SFL 276R or Hlth 276R or MthEd 276 or PETE 276R or TEE 276A or TEE 276B.

| Title | Tags |
|---|---|
| Reflection and Evaluation for Growth | 183410, 5 |

**Learning Outcome**
The student will be a reflective practitioner who continually evaluates the effects of his or her choices, and who actively seeks out opportunities to grow professionally.

| Title | Tags |
|---|---|
| Learning Environment | 191435, 3 |

**Learning Outcome**
The student will create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation.

| Title | Tags |
|---|---|
| Instruction | 191436, 2 |

**Learning Outcome**

Learning Outcome
The student will plan instruction based upon knowledge of subject matter, students, the community, and curriculum goals.

## SC ED 380 - Content-Area Literacy

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
380

**Teaching Area**
SC ED

**Course Title**
Content-Area Literacy

**Course Description**
Current theory and related practices in literacy assessment and instruction for content-area classrooms.

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Concurrent enrollment in Sc Ed 377 or equivalent course

| Title | Tags |
| --- | --- |
| Dispositions | 183313, 2 |

**Learning Outcome**
Teacher candidates will develop an understanding of the place of literacy instruction in content-area classrooms to support students' access to knowledge and participation in a social and political democracy.

## SC ED 476R - Secondary Student Teaching - Foreign Language

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
476R

**Teaching Area**
SC ED

**Course Title**
Secondary Student Teaching - Foreign Language

**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Teacher Education

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Exhibitions | 179007, 1 |

**Learning Outcome**
Plan and execute an exhibition of student work.

| Title | Tags |
| --- | --- |
| Practices | 183318, 1 |

**Learning Outcome**
Teacher candidates will use instructional strategies and design curriculum materials to support students' creation, negotiation, and use of texts.

| Title | Tags |
| --- | --- |
| Knowledge | 183346, 0 |

**Learning Outcome**
Teacher candidates will gain an understanding of theories related to literacy, reading, writing, texts, and literacy instruction.

## SC ED 476R - Secondary Student-Teaching

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
476R

**Teaching Area**
SC ED

**Course Title**
Secondary Student-Teaching

**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

**Title**
Application of content knowledge and pedagogy

**Tags**
178804, 1

**Learning Outcome**
Students will put into practice the theories they have learned in content and pedagogy courses including planning lessons, assessing students of all abilities and cultural backgrounds, using a variety of instructional strategies, and collaborating with other teachers and with the community.

## SC ED 476R - Secondary Student Teaching - Physical Science

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
476R

**Teaching Area**
SC ED

**Course Title**
Secondary Student Teaching - Physical Science

**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

**Title**
Performance Evaluation

**Tags**
179037, 1

**Learning Outcome**
Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

## SC ED 476R - Secondary Student Teaching - Mathematics

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
476R

**Teaching Area**
SC ED

**Course Title**
Secondary Student Teaching - Mathematics

**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Exhibitions | 179008, 1 |

**Learning Outcome**
Plan and execute an exhibition of student work.

## SC ED 476R - Secondary Student Teaching - Spanish

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
476R

**Teaching Area**
SC ED

**Course Title**
Secondary Student Teaching - Spanish

**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Teacher Education

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Outcome 2 | 205925, 16 |

**Learning Outcome**
The students will observe, plan, teach, assess, and reflect throughout the course as they participate in a public school setting.

## SC ED 477R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
477R

**Teaching Area**
SC ED

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
Teacher Education

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

| Title | Tags |
|---|---|
| Sc Ed 477R Course Outcomes | 179086, 1 |

**Learning Outcome**
Students will put into practice the theories they have learned in content and pedagogy courses including planning lessons, assessing students of all abilities and cultural backgrounds, using a variety of instructional strategies, collaborating with other teachers, and demonstrating high levels of professionalism.

## SC ED 490R - Senior Seminar

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
490R

**Teaching Area**
SC ED

**Course Title**
Senior Seminar

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| Senior Seminar | 179002, 1 |

**Learning Outcome**
This is an inactive course. Course outcomes will be created when and if this class is scheduled.

## SC ED 493R - Readings

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
493R

**Teaching Area**
SC ED

**Course Title**
Readings

**Course Description**
Students meet with the instructor to assemble an individualized reading program in the field and agree upon the topic and organization of the course.

**Department**
Teacher Education

**When Taught**
Contact Department

**Credit Hours**

**Min**
0.5

**Fixed**
2

**Other Prerequisites**
Instructor's consent

| Title | Tags |
| --- | --- |
| Independent Readings | 179003, 0 |

**Learning Outcome**
Students will explore specific topics under the direction of a faculty member.

## SC ED 496R - Academic Internship: Mathematics

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
496R

**Teaching Area**
SC ED

**Course Title**
Academic Internship: Mathematics

**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Teacher Education

**When Taught**
Contact Department

**Credit Hours**

**Min**
12

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Performance Evaluation | 179011, 1 |

**Learning Outcome**
Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

## SC ED 496R - Academic Internship: Biological Sciences

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
496R

**Teaching Area**
SC ED

**Course Title**
Academic Internship: Biological Sciences

**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

## SC ED 496R - Academic Internship: Secondary Education

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
496R

**Teaching Area**
SC ED

**Course Title**
Academic Internship: Secondary Education

**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Teacher Education
**When Taught**
Contact Department

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Performance Evaluation | 179012, 1 |

**Learning Outcome**

Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

**Department**
Teacher Education
**When Taught**
Fall

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Academic Internship - Secondary Education | 179004, 1 |

**Learning Outcome**
Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

| Title | Tags |
| --- | --- |
| Complete Certification Requirements | 179013, 2 |

**Learning Outcome**

Complete the requirements established by BYU's Department of Visual Arts, the Department of Teacher Education, and the Utah State Office of Education including the PRAXIS Test for Art.
Complete the Teacher Work Sample (TWS) in a professional manner with exemplary content and design. Submit TWS to LiveText.
Complete a Professional & Interpersonal Behavior Scale (PIBS), a Candidate Disposition Scale (CDS), and Field Experience Demographics (FED) forms and submit to LiveText.
Allow university supervisor and cooperating teachers to evaluate teaching performance with Clinical Practice Assessment Scale (CPAS) and sign Final Evaluation forms on LiveText.

| Title | Tags |
| --- | --- |
| Complete Course Requirements | 179014, 3 |

**Learning Outcome**

Tape at least one lesson for self and peer evaluation.
Design a Professional Portfolio for job interviews. Receive timely guidance on job interviewing and placement procedures.
Record and review valuable student teaching experiences in a Reflective Journal.
Plan and execute an exhibition of student artwork in at least one school.

## SC ED 496R - Academic Internship: English

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
496R

**Teaching Area**
SC ED

**Course Title**
Academic Internship: English

**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Performance Evaluation | 179010, 1 |

**Learning Outcome**

Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

## SC ED 496R - Academic Internship: Physical Sciences

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
496R

**Teaching Area**
SC ED

**Course Title**
Academic Internship: Physical Sciences

**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

| Title | Tags |
| --- | --- |
| Performance Evaluation | 179015, 1 |

**Learning Outcome**

Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

## SC ED 589R - Literacy Development and Instruction

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Literacy Development and Instruction

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

| Title | Tags | Learning Outcome |
|---|---|---|
| Content Knowledge | 179031, 1 | Candidates will explore special topics in secondary education under the direction of a specific instructor. |

## SC ED 589R - Effective Teaching

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Effective Teaching

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

| Title | Tags | Learning Outcome |
|---|---|---|
| Content Knowledge | 179022, 1 | Candidates will explore special topics in secondary education under the direction of a specific instructor. |

## SC ED 589R - Literacy Assessment and Intervention

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Literacy Assessment and Intervention

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

| Title | Tags | Learning Outcome |
|---|---|---|
| Content Knowledge | 179026, 1 | Candidates will explore special topics in secondary education under the direction of a specific instructor. |

## SC ED 589R - Classroom Management

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Classroom Management

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

| Title | Tags | Learning Outcome |
|---|---|---|
| Content Knowledge | 179018, 1 | Candidates will explore special topics in secondary education under the direction of a specific instructor. |

## SC ED 589R - Comprehension Instruction

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Comprehension Instruction

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

| Title | Tags |
| --- | --- |
| Content Knowledge | 179036, 0 |

**Learning Outcome**
Candidates will explore special topics in secondary education under the direction of a specific instructor.

## SC ED 589R - Sciences

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Sciences

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

| Title | Tags |
| --- | --- |
| Content Knowledge | 179023, 1 |

**Learning Outcome**
Candidates will explore special topics in secondary education under the direction of a specific instructor.

## SC ED 589R - Writing Instruction

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Writing Instruction

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

| Title | Tags | Learning Outcome |
|---|---|---|
| Content Knowledge | 179020, 1 | Candidates will explore special topics in secondary education under the direction of a specific instructor. |

## SC ED 589R - Supervision of Literacy Programs

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Supervision of Literacy Programs

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

| Title | Tags | Learning Outcome |
|---|---|---|
| Content Knowledge | 179032, 1 | Candidates will explore special topics in secondary education under the direction of a specific instructor. |

## SC ED 589R - Organization and Administration of Reading Programs

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Organization and Administration of Reading Programs

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

| Title | Tags |
|---|---|
| Content Knowledge | 179034, 1 |

**Learning Outcome**
Candidates will explore special topics in secondary education under the direction of a specific instructor.

## SC ED 589R - Foundations of Literacy

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Foundations of Literacy

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

| Title | Tags |
|---|---|
| Content Knowledge | 179024, 1 |

**Learning Outcome**
Candidates will explore special topics in secondary education under the direction of a specific instructor.

## SC ED 589R - Content-Area Literacy

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Content-Area Literacy

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

**Title**
Content Knowledge

**Tags**
179030, 1

**Learning Outcome**
Candidates will explore special topics in secondary education under the direction of a specific instructor.

## SC ED 589R - Literature for Young People

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Literature for Young People

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

**Title**
Content Knowledge

**Tags**
179028, 1

**Learning Outcome**
Candidates will explore special topics in secondary education under the direction of a specific instructor.

## SC ED 589R - Special Topics in Education

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Special Topics in Education

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

**Title**
Content Knowledge

**Tags**
179035, 0

**Learning Outcome**
Candidates will explore special topics in secondary education under the direction of a specific instructor.

## SC ED 589R - Literacy Specialist Practicum

### Course Information

**Teaching Area (new)**
SC ED

**Course Number**
589R

**Teaching Area**
SC ED

**Course Title**
Literacy Specialist Practicum

**Course Description**
Topics vary.

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For recertification only. Must have prior approval of department to count toward graduate degrees.

**Title**
Content Knowledge

**Tags**
179033, 1

**Learning Outcome**
Candidates will explore special topics in secondary education under the direction of a specific instructor.

## SCAND 217 - (Scand-Germ) German and Scandinavian Cinema.

### Course Information

**Teaching Area (new)**
SCAND

**Course Number**
217

**Teaching Area**
SCAND

**Course Title**
(Scand-Germ) German and Scandinavian Cinema.

**Course Description**
Background for understanding and appreciating the best of motion picture art in Germany and Scandinavia.

**Department**
Kennedy Center for International Studies

**When Taught**
Fall

### Credit Hours

**Min**
3

## SCAND 325R - Scandinavian Choir

### Course Information

**Teaching Area (new)**
SCAND

**Course Number**
325R

**Teaching Area**
SCAND

**Course Title**
Scandinavian Choir

**Course Description**
Improve language skills and enhance cultural appreciation through choral singing.

**Department**
Kennedy Center for International Studies

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
3

Recommended
A first-year writing course
Note
Language of instruction is English; no knowledge of German or Scandinavian languages is required.

| Title | Tags |
| --- | --- |
| Analysis and Writing | 190311, 1 |

Learning Outcome
Students will develop skills to allow them to view, analyze, critically interpret, and write about films that come from a wide variety of cinematic genres.

| Title | Tags |
| --- | --- |
| Analytic Vocabulary and Critical Skills | 190371, 2 |

Learning Outcome
Students will develop an analytic vocabulary and critical skills that will allow them to participate in scholarly discussions of key cinematic texts from Nordic and German history.

1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

## SCAND 332 - Cultural History of the Vikings

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SCAND | 332 |

Teaching Area
SCAND
Course Title
Cultural History of the Vikings
Course Description
History of art, literature, mythology, culture, and society in medieval Scandinavia.
Department
Kennedy Center for International Studies
When Taught
Winter Even Years

## SCAND 337 - Works of Hans Christian Andersen

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SCAND | 337 |

Teaching Area
SCAND
Course Title
Works of Hans Christian Andersen
Course Description
Study of the life, works, and times of Danish author Hans Christian Andersen.
Department
Kennedy Center for International Studies
When Taught

When Taught
Fall Even Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Medieval Nordic Culture | 190616, 1 |

Learning Outcome
Students will learn to recognize and critically reflect upon key dimensions of literature, art, society, culture, and history of Scandinavia in the medieval era, with an emphasis on appreciating the culture's literature, mythology, and visual art.

| Title | Tags |
| --- | --- |
| Analytic Skills and Writing | 190617, 2 |

Learning Outcome
Students will develop analytic skills through class discussion, oral presentations, and/or writing that demonstrate mature thinking, clarity of expression, the orderly development of ideas, and vigorous argument regarding the art, history, and historical reception of Viking culture.

| Title | Tags |
| --- | --- |
| Life-Long Learning | 190618, 3 |

Learning Outcome
Students will develop attitudes and habits of thought, expression, and study that will supplement other humanities and non-humanities degrees and also encourage life-long learning and continued contact with the

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Historical and Cultural Context | 190619, 1 |

Learning Outcome
Students will know and understand the general historical context that informs the authorship of Hans Christian Andersen as well as the various theoretical contexts that have been instrumental in the reception of his work.

| Title | Tags |
| --- | --- |
| Work of H.C. Andersen | 190620, 2 |

Learning Outcome
Students will know and understand basic dimensions of H.C. Andersen's authorship, not only his fairytale production, but also his poetry, novelistic production, and his autobiographical work.

| Title | Tags |
| --- | --- |
| Critical Thinking and Writing | 190621, 3 |

Learning Outcome
Students will develop and implement critical thinking skills through close readings and interpretations of H.C. Andersen's literary production. This will be accomplished through various assignments and learning measures.

informed study of art, literature,
and Nordic culture.

## SCAND 344R - Topics in Scandinavian Studies

### Course Information

**Teaching Area (new)**
SCAND

**Course Number**
344R

**Teaching Area**
SCAND

**Course Title**
Topics in Scandinavian Studies

**Course Description**
Topic varies. Typical topics might be folklore, culture, music, film, emigration, art and design, political and economic problems, literature in translation, etc. Includes International Cinema.

**Department**
Kennedy Center for International Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0.5

| Title | Tags |
|---|---|
| Analytic Skills and Expression | 190314, 1 |

**Learning Outcome**
Students will develop analytic skills through class discussion, oral presentations, and/or writing assignments that demonstrate mature thinking, clarity of expression, the orderly development of ideas, and vigorous argument.

| Title | Tags |
|---|---|
| Intellectual History | 190490, 0 |

## SCAND 377 - Methods in Teaching Nordic Languages

### Course Information

**Teaching Area (new)**
SCAND

**Course Number**
377

**Teaching Area**
SCAND

**Course Title**
Methods in Teaching Nordic Languages

**Course Description**
Prior or concurrent enrollment in this course required for student instructors of Nordic languages. Focuses on teaching skills specific to foreign language instruction in beginning and intermediate language courses.

**Department**
Kennedy Center for International Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
2

**Other Prerequisites**
Must have an assignment teaching a Nordic language class or instructor's consent.

| Title | Tags |
|---|---|
| Language Teaching Skills | 190459, 0 |

**Learning Outcome**
Students in this class will develop the skills to effectively teach listening comprehension, reading proficiency, oral proficiency, writing proficiency, and cultural proficiency in beginning language classes.

Learning Outcome
Students will learn to recognize and critically reflect upon key dimensions of Nordic literature, art, society, culture, and history, with an emphasis on appreciating these cultures' artistic production and intellectual histories.

| Title | Tags |
| --- | --- |
| Habits of Thought | 190532, 2 |

Learning Outcome
Students will develop attitudes and habits of thought, expression, and study that will supplement other humanities and non-humanities degrees and also encourage life-long learning and continued contact with the informed study of Nordic culture.

| Title | Tags |
| --- | --- |
| General Teaching skills | 190496, 1 |

Learning Outcome
Students will learn effective communication and teaching skills that are not specific only to language instruction but applicable to a wide range of teaching environments in formal and informal settings.

## SCAND 429 - Old Norse

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SCAND | 429 |

Teaching Area
SCAND
Course Title
Old Norse
Course Description
Grammar and exercises. Readings in Old Norse literature.
Department
Language Studies
When Taught
Winter Odd Years

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## SCAND 430 - Cultural History of Scandinavia

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SCAND | 430 |

Teaching Area
SCAND
Course Title
Cultural History of Scandinavia
Course Description
Scandinavian culture from the Vikings to the present.
Department
Language Studies
When Taught
Fall

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Recommended
Knowledge of a modern Scandinavian language
Note
Returned missionaries from Iceland or those with equivalent experience should enroll in Iclnd 429.

| Title | Tags |
| --- | --- |
| Cultural-Linguistic context | 190289, 0 |

Learning Outcome
Students will develop an understanding of the linguistic and literary features of Old Norse-Icelandic.

| Title | Tags |
| --- | --- |
| Reading and Analytical Skills | 190385, 0 |

Learning Outcome
Students will develop the capacity to read and understand Old Norse-Icelandic texts with reasonable facility and develop an appreciation for the richness and variety of Old Norse-Icelandic literature through close readings from a variety of sagas and poetry.

| Title | Tags |
| --- | --- |
| Linguistic Skills | 190590, 0 |

Learning Outcome
Students will develop a sound understanding of Old Norse-Icelandic grammar (morphology, phonology, syntax), in part with reference to that of modern continental Scandinavian languages. They will also learn a substantial vocabulary of Old Norse-Icelandic, again with attention to cognates in modern Scandinavian and Germanic languages. They will develop a capacity to recognize the various morphological and phonological manifestations of the same word.

Fixed
0
Note
Works may be read in English translation.

| Title | Tags |
| --- | --- |
| Lifelong Learning | 190244, 4 |

Learning Outcome
As students are confronted with the startling and strange and intriguing ways that Scandinavians represent the world, they will become more aware of their own habits of seeing and thinking. In several of their written assignments and class discussions, students will demonstrate their ability to thoughtfully reflect upon these different literary and visual practices and engage these different ideas in meaningful dialogue.

| Title | Tags |
| --- | --- |
| Cultural Literacy | 190263, 3 |

Learning Outcome
Because the course is structured around a variety of historical, theoretical, and cultural questions, students will develop and demonstrate an increased cultural literacy as they grapple with questions of ideology, identity, class, race, gender and memory in the context of the Scandinavian cultural history.

| Title | Tags |
| --- | --- |
| Nordic Cultural History | 190294, 1 |

Learning Outcome
Students will develop a familiarity with some of the major works and movements from Scandinavian cultural history as well as a basic introduction to the scholarly discussions surrounding them. They will develop and demonstrate research skills as they complete a series of written assignments and presentations.

| Title | Tags |
| --- | --- |
| Analytic Skills | 190346, 2 |

Learning Outcome
Students will be able to develop their own well-informed

their own well-informed, critically provocative, and intellectually sound interpretations of different texts and be able to defend and expand these interpretations in classroom discussions and in writing assignments.

| Title | Tags |
| --- | --- |
| Analysis | 190493, 0 |

**Learning Outcome**
Students will be able to read, critique and write formal analyses of key works (literary, cinematic, and artistic) from Scandinavian cultural history.

## SCAND 490R - Seminar in Scandinavian Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SCAND | 490R |

**Teaching Area**
SCAND
**Course Title**
Seminar in Scandinavian Studies
**Course Description**
Topics vary. Includes International Cinema.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lab Hours

**Fixed**
0.5

**Other Prerequisites**
Reading knowledge of at least one Scandinavian language.

| Title | Tags |
| --- | --- |
| Subject-Specific Outcomes | 190238, 2 |

**Learning Outcome**
Each iteration of this course has more specific outcomes based on the subject matter at hand; those

## SCAND 491R - Directed Readings in Scandinavian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SCAND | 491R |

**Teaching Area**
SCAND
**Course Title**
Directed Readings in Scandinavian
**Course Description**
Directed individual study.
**Department**
Kennedy Center for International Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Recommended**
Written plan of study approved by both instructor and program coordinator.

| Title | Tags |
| --- | --- |
| Subject-Specific Outcomes | 190429, 0 |

**Learning Outcome**
Each iteration of this course has more specific outcomes based on the subject matter at hand and related to a specific dimension of Nordic culture; those additional objectives are articulated in the contract developed between instructor and student.

additional objectives are articulated in each instructor's customized syllabus.

| Title | Tags |
| --- | --- |
| Critical Thinking, Analysis, and Writing | 190310, 3 |

**Learning Outcome**
Students will demonstrate the ability to analyze cultural artifacts, think critically, and write clearly and persuasively.

| Title | Tags |
| --- | --- |
| Specialization | 190372, 0 |

**Learning Outcome**
Students will learn to recognize and critically reflect upon a significant dimension of Nordic culture.

| Title | Tags |
| --- | --- |
| Life-Long Learning | 190458, 4 |

**Learning Outcome**
Develop a life-long appreciation of Nordic cultures and develop attitudes and habits of thought and study that encourage life-long learning and continued contact with the informed study of culture.

| Title | Tags |
| --- | --- |
| Research Arguments and Methodologies | 190556, 1 |

**Learning Outcome**
Students will be able to produce original arguments based on sound research methodology.

| Title | Tags |
| --- | --- |
| Critical Thinking and Analysis | 190462, 2 |

**Learning Outcome**
Students will demonstrate the ability to analyze cultural artifacts and think critically.

| Title | Tags |
| --- | --- |
| Specialization | 190577, 1 |

**Learning Outcome**
Students will learn to recognize and critically reflect upon a significant dimension of Nordic culture.

## SFL 100 - Strengthening Marriage and Family: Proclamation Principles and Scholarship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 100 |

**Teaching Area**
SFL
**Course Title**
Strengthening Marriage and Family: Proclamation Principles and

## SFL 101 - Introduction to School of Family Life

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 101 |

**Teaching Area**
SFL
**Course Title**
Introduction to School of Family Life
**Course Description**

Strengthening Marriage and Family: Proclamation Principles and Scholarship

**Course Description**

Understanding, applying, and sharing principles of successful marriage and family life from the LDS proclamation on the family, using sacred and scholarly perspectives.

**Department**

Family Life

**When Taught**

Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Effective Writing and Analysis | 182371, 1 |

**Learning Outcome**

Demonstrate improvement in writing skills, speaking, and critical thinking skills to be more effective advocates for marriage, home, and family in a variety of settings.

| Title | Tags |
|---|---|
| Content and Theory | 182378, 1 |

**Learning Outcome**

Critically understand your testimony of the principles of the Restored Gospel pertaining to marriage, home and family.
Synthesize and be able to apply principles from revealed truth and supportive scholarship to strengthen marriage, home, and family life.
Be able to confidently share and defend principles of successful marriage, home and family life using support from sacred and scholarly sources.

Required seminar for all students entering the major. Overview of curriculum and major requirements, faculty research programs and specialties, campus resources, future opportunities, and career possibilities.

**Department**

Family Life

**When Taught**

Fall, Winter, Spring

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Content and Theory | 182379, 1 |

**Learning Outcome**

Create a realistic major or minor plan in the School of Family Life.
Identify possible post-graduation pathways with a major in the School of Family Life.
Participate in and develop a sense of community that includes both faculty and students.
Be able to utilize important resources to become an effective learner during college and after.

## SFL 102 - Introduction to Interiors

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
102

**Teaching Area**
SFL

**Course Title**
Introduction to Interiors

**Course Description**
Interior design, emphasizing the design and development of the American home.

**Department**
Family Life

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Content and Learning | 182297, 0 |

**Learning Outcome**
Become life-long observers of design and the designed environment.Develop a basic vocabulary of design through reading, class discussion, class demonstration and memorization.Increase awareness and synthesize good and poor design on well being and aesthetic response by experiencing design first-hand on campus and in the community and by responding in learning journals.Develop an understanding of design as a

## SFL 110 - Food Preparation in the Home

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
110

**Teaching Area**
SFL

**Course Title**
Food Preparation in the Home

**Course Description**
Principles of cooking and skill development in food preparation techniques. Lab required.

**Department**
Family Life

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
2

**Fee**
50

**Note**
Fee. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Content and Learning | 182022, 1 |

**Learning Outcome**
Understand food preparation principles and techniques and apply them while mixing, cooking, and baking food products for home use.
Identify and prevent food borne illness and safety hazards with appropriate food handling and preparation techniques.
Understand and apply knowledge of nutrition to food preparation.
Develop confidence in selecting

problem-solving process through discussion, first-hand experience, and by responding in learning journals.Develop a basic vocabulary of architectural stylistic elements and an appreciation for the historic development of the American home through reading, discussion, visual presentation, site visits, and by responding in learning journals.

and following recipes.
Demonstrate proper use of equipment for baking and cooking.

## SFL 160 - Introduction to Family Processes

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
160
**Teaching Area**
SFL
**Course Title**
Introduction to Family Processes
**Course Description**
Ways of strengthening family life by understanding such family processes as generations, emotions, communication, and rituals.
**Department**
Family Life
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Research and Evaluation Methodology
**Tags**
182309, 1
**Learning Outcome**
Identify and discuss how

## SFL 185R - Basic Sewing Techniques

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
185R
**Teaching Area**
SFL
**Course Title**
Basic Sewing Techniques
**Course Description**
This course focuses on the basics of sewing techniques.
**Department**
Family Life
**When Taught**
Fall; Winter; Spring; Summer.

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
5

**Fee**
30
**Note**
Student-supplied materials required.

**Title**
Confidence & Enjoyment
**Tags**
182355, 0
**Learning Outcome**
Develop confidence and enjoyment in the creation process by furthering their

researchers uniquely study families and family systems.

| Title | Tags |
| --- | --- |
| Content and Theory | 182380, 1 |

**Learning Outcome**

Critically examine the main theoretical frameworks used in the family sciences.
Demonstrate understanding of basic terms, concepts, and ideas used to describe family systems.
Apply family systems ideas and concepts to your own family (past and future) in order to learn how they might improve your own family well-being.

sewing abilities

| Title | Learning Outcome |
| --- | --- |
| Correct Terminology | Demonstrate following proper procedures while applying correct terminologies |

| Title | Learning Outcome |
| --- | --- |
| Workmanship | Differentiate between good and poor-quality workmanship |

| Title | Learning Outcome |
| --- | --- |
| Project Specifications | Create sewing projects that meet functionable specifications |

## SFL 200 - Strengthening Marriage and Family

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 200 |

**Teaching Area**
SFL
**Course Title**
Strengthening Marriage and Family
**Course Description**
This course will provide a scholarly study of family-related issues from which evidence-based applications embedded within gospel and family proclamation principles will be provided that equip students with knowledge to engage in successful practices related to dating, marriage, parenting, and running a home.
**Department**
Family Life
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

## SFL 202 - Design in the Home

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 202 |

**Teaching Area**
SFL
**Course Title**
Design in the Home
**Course Description**
Intermediate application of elements and principles of design in the home.
**Department**
Family Life
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Fixed**
0

**Note**
This class will no longer fulfill the Religion "The Eternal Family" course requirement.

| Title | Learning Outcome |
|---|---|
| Evidence Based Applications | Explain evidence-based applications for healthy practices in dating, marriage, parenting, and running a home (e.g., finances, feeding, clothing, sheltering). |

| Title | Learning Outcome |
|---|---|
| Deepen Understanding | Evaluate the importance of family life in a society that downplays the importance of the family. |

| Title | Learning Outcome |
|---|---|
| Increase desires for blessings of family life | Increase students' own desires for the blessings that can be found in family life. |

| Title | Learning Outcome |
|---|---|
| Increase confidence in successful family life | Increase personal confidence to achieve success in family life by becoming equipped with evidence-based skills and knowledge embedded with gospel principles. |

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 102 - Introduction to Interiors

**Additional Comments:**

| Title | Tags |
|---|---|
| Content and Learning | 182374, 0 |

**Learning Outcome**
Develop or reinforce basic vocabulary of design.Increase awareness of design possibilities and the aesthetic and spiritual effect of different designs.Develop an understanding of design as a problem-solving process.Become a life-long observer of design and the designed environment.

## SFL 205 - Home and Family Living

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SFL | 205 |

**Teaching Area**
SFL
**Course Title**
Home and Family Living
**Course Description**
Principles for creating an optimal home environment for individual, marital, and family development; secular and sacred significance of temporal activities in the home; the influence of context and family processes on outcomes.
**Department**
Family Life
**When Taught**
Contact Department

### Credit Hours

Min

## SFL 210 - Human Development

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SFL | 210 |

**Teaching Area**
SFL
**Course Title**
Human Development
**Course Description**
Examines the growth and development of human beings from conception until death including the influences of family, peers, schools, and culture
**Department**
Family Life
**When Taught**
All Semesters/Terms

### Credit Hours

Min
3

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Title
Home and Family Living Content and Theory

Tags
210261, 0, 1

Learning Outcome
Demonstrate understanding of major concepts, theories, and research related to:
- the routines and rituals of the home and their importance in giving structure for family living
- family living skills in the home
- family living challenges, especially coping mechanism in times of stress
- how the physical home gives structure to family living
- personnel development that contributes to successful home and family living

Title
Application of Home and Family Living Research

Tags
210262, 0, 2

Learning Outcome
Critically evaluate and apply various home and family research to students' present and future families.
By the end of the class students will:
- demonstrate that they can make a wise home purchase decision
- demonstrate that they can make a wise automobile purchase decision
- develop healthy family rituals and routines
- anticipate coping strategies for family challenges
- create a personal development plan that will positively influence home and family

3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Note
NOTE: Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Title
Research and Evaluation Methodologies

Tags
182335, 3

Learning Outcome
Understand the research methodology utilized in the study of human development.

Title
Effective Writing and Analysis

Tags
182381, 2

Learning Outcome
Improve your writing and critical thinking skills.

Title
Content and Theory

Tags
182382, 0, 1

Learning Outcome

Acquire a broad base of knowledge of human development.
Be conversant with the major human development theories as well as their strengths and weaknesses.
Comprehend the dynamic and complex interaction among the domains of human development (e.g., biological, cognitive, emotional, social, etc.)
Critically apply information learned in class to your own life
Provide knowledge and skills that will benefit the lives of the children for whom you will have stewardship in this life.

influence home and family

Title
Effective Writing, Analysis, and Application

Tags
210263, 0, 3

Learning Outcome
Through class assignments students will demonstrate their ability to synthesize and evaluate research, and apply this research to healthy home and family living

## SFL 215 - Advanced Food Preparation

### Course Information

Teaching Area (new)
SFL

Course Number
215

Teaching Area
SFL

Course Title
Advanced Food Preparation

Course Description
Lecture, readings, and intense practicum in food preparation, food preservation and storage, presentation, consumerism, equipment usage, and social/familial aspects of food. Lab required.

Department
Family Life

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

## SFL 221 - Foundations of Developmentally Appropriate Practices in Programs for Young Children

### Course Information

Teaching Area (new)
SFL

Course Number
221

Teaching Area
SFL

Course Title
Foundations of Developmentally Appropriate Practices in Programs for Young Children

Course Description
Historical, philosophical, organizational, and curricular issues related to developmentally appropriate practices in programs for young children.The purpose of the course is to link the theoretical to the practical experience gained in SFL 222.

Department
Family Life

When Taught
Fall, Winter, Spring

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites

**Complete ALL of the following Courses:**

- SFL 110 - Food Preparation in the Home

**Additional Comments:**

**Fee**
80
**Note**
Fee.

| Title | Tags |
| --- | --- |
| Content and Learning | 182383, 1 |

**Learning Outcome**

Understand advanced food preparation principles and techniques and apply them while mixing, cooking, and baking food products for home and commercial use.
Identify and prevent food borne illness and safety hazards with appropriate food handling and preparation techniques.
Apply knowledge of nutrition to food preparation.
Develop confidence in selecting, presenting, and following recipes.
Learn proper use of equipment for baking and cooking.
Identify and discuss cultural influences in the use of foods throughout the world.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 210 - Human Development

**Additional Comments:**

**Other Prerequisites**
SFL 222 must be taken concurrently with SFL 221.
**Note**
Due to enrollment constraints, SFL 221 may not be retaken to improve a grade unless approved by the Child and Family Studies Laboratory Steering Committee.

| Title | Tags |
| --- | --- |
| Content and Theory | 182045, 1 |

**Learning Outcome**

Obtain an historical perspective of early childhood and a philosophical foundation in developmentally appropriate practices.
Become conversant with the developmentally appropriate practice standards published by NAEYC (National Association for the Education of Young Children) and understand how they apply to making effective educational decisions that will benefit children and enhance their growth and development.
Communicate the principles of developmentally appropriate practices to parents and colleagues.
Understand how to create classrooms that incorporate the five guidelines or points of the "Mariner's Star":

creating a caring community of learners
teaching to enhance development and learning
constructing an appropriate curriculum
assessing children's learning and development
establishing reciprocal relationships with families.

Gain a functional understanding of how teachers within a developmental model implement appropriate guidance and classroom management strategies, function in "lead" and "support" teacher roles, create and modify effective learning environments, facilitate and scaffold learning and, develop strategies to meet the diversity of

strategies to meet the diversity of needs in the children and families they serve.

| Title | Tags |
| --- | --- |
| Research and Evaluation Methodologies | 182357, 1 |

**Learning Outcome**
Utilize observational opportunities to assess teaching roles, learning environments, and young children's individual and/or group learning.

## SFL 222 - Practicum in Developmentally Appropriate Practices

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 222 |

**Teaching Area**
SFL
**Course Title**
Practicum in Developmentally Appropriate Practices
**Course Description**
Initial practicum with young children to increase understanding of socialization and learning processes, to create meaningful learning opportunities, and to implement developmentally appropriate practices. The purpose of the course is to link the theoretical concepts gained in SFL 221 to the practical experience.
**Department**
Family Life
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
9

**Simple Requisites**

**Prerequisites**

## SFL 223 - Preparation for Marriage

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 223 |

**Teaching Area**
SFL
**Course Title**
Preparation for Marriage
**Course Description**
Factors related to quality relationships, mate selection, and the transition into marriage.
**Department**
Family Life
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Content and Learning | 182065, 1 |

**Learning Outcome**
Understand the Lord's "divine design" (Proc. ¶ 7) for marriage relationships (e.g., the nature of

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 210 - Human Development

**Additional Comments:**

**Other Prerequisites**
SFL 221 must be taken concurrently with SFL 222.
**Note**
NOTE: Only SFL and FACS ED majors are allowed to register for this course. NOTE: Due to enrollment constraints, SFL 222 may not be retaken to improve a grade unless approved by the Child and Family Studies Laboratory Steering Committee.

**Title**
Research and Evaluation Methodologies

**Tags**
182046, 1

**Learning Outcome**
Demonstrate understanding of how children develop and learn by assisting in and developing learning opportunities that support social, intellectual and personal growth.
Develop instructional strategies for teaching children in small group and large group classroom settings.
Evaluate and record student learning to assess instructional goals and objectives to drive continuing classroom instruction
Use understanding of individual and group behavior to establish a learning environment that encourages active engagement, positive interactions and self motivation.
Reflectively evaluate daily and weekly goals, assignment objectives and program expectations to refine personal development in teaching.
Demonstrate professional habits that will guide interpersonal and caree choices.

relationships (e.g., the nature of the marriage covenant, equal partnership, stewardships of husbands & wives, etc).
Increase awareness of marriage as a social institution.
Become sensitized to the modern threats to marriage.
Increase understanding of the LDS doctrines of marriage, including prophetic counsel on dating, courtship, intimacy, weddings, finances, divorce, and other aspects of the marital stewardship.
Increase awareness of the factors that social science research has shown to contribute to the formation and maintenance of healthy and stable marriages.
Enhance spiritual awareness and academic skills in order to help them weigh scholarly and contemporary ideas about marriage relationships and use both faith and scholarship.
Critically explicate your awareness of marriage as a social institution.
Identify and be sensitive to modern cultural threats to marriage.
Be able to grasp and understand the LDS doctrines of marriage, including prophetic counsel on dating, courtship, intimacy, weddings, finances, divorce, and other aspects of the marital stewardship.
Increase your awareness of the factors that social science research has shown to contribute to the formation and maintenance of healthy and stable marriages.
Enhance your spiritual awareness and academic skills in order to help you critically weigh scholarly and contemporary ideas about marriage relationships and use both faith and scholarship to "hold fast to that which is good" (1Thess. 5:21).

## SFL 230 - Housing the Family

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
230
**Teaching Area**
SFL
**Course Title**

## SFL 240 - Parenting and Child Guidance

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
240
**Teaching Area**
SFL
**Course Title**

Housing the Family

**Course Description**

Social-psychological, economic, and political aspects of housing families; making selections that will enhance the quality of housing, increase productivity, and protect the health, safety, and well-being of the family across the life cycle.

**Department**

Family Life

**When Taught**

Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Content and Learning | 182341, 0 |

**Learning Outcome**

Become versed in selecting and purchasing homes, including home quality, location and floor plans, building and functional and support systems, evaluation, purchase financing options, responsibilities and obligations of home ownership. This includes online research and in-person examination of model homes to learn about features, benefits and limitations of home layout and quality.Understand theory and application of interior design concepts and the ways these relate to creating a home that meets the physical, emotional and psychological needs of the family.Critically compare features, benefits and pricing and selecting large home expenditures such as appliances, furnishings, lighting, textile products, flooring, window coverings and accessories through book learning, class lectures, on-line comparisons and field trip experiences.Become competent

Parenting and Child Guidance

**Course Description**

Theories and skills related to quality parent-child relationships.

**Department**

Family Life

**When Taught**

Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**

Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Content and Theory | 182047, 1 |

**Learning Outcome**

Critically examine theories of overall parenting styles and the impact of these styles upon optimal parenting.
Critically examine parenting practices within the overall parenting styles and the impact of these practices upon optimal parenting.
Identify effective parenting practices in the context of various life stages.
Understand parenting principles that may heighten professional and/or parental potential.

| Title | Tags |
| --- | --- |
| Effective Writing and Analysis | 182067, 2 |

**Learning Outcome**

Synthesize in writing an analysis of parenting styles and practices of your family of origin and how you may modify those styles and practices with the principles obtained in this class.

experiences.Become competent in e-design floor plan software programs in the selection, costing and placement of interior furnishing components, including cross-referencing and sourcing skills.Evaluate equally elements of living the gospel in all housing and family living decisions through preparation of assigned gospel living at home topics presented in class.Demonstrate competency in learning from each other through in class participation, field trips, in-class presentations, and through interactive teacher presentations.

Examine and write in depth a specific area of interest related to parenting styles and practices.

## SFL 260 - Family Finance

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
260
**Teaching Area**
SFL
**Course Title**
Family Finance
**Course Description**
Introduction to time value of money, budgeting, saving, credit, taxes, housing, insurance, and investing emphasizing practical application in the home.
**Department**
Family Life
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register

## SFL 261 - Consumerism and the Marketplace for Secondary Teachers

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
261
**Teaching Area**
SFL
**Course Title**
Consumerism and the Marketplace for Secondary Teachers
**Course Description**
A pre-service preparation course designed to prepare FACSED classroom teachers to teach content regarding dynamics of consumerism and the marketplace and develop skills for implementing a discipline-based approach for teaching consumerism in secondary schools.
**Department**
Family Life
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

at is.byu.edu.

| Title | Tags |
| --- | --- |
| Content and Learning | 182502, 1 |

**Learning Outcome**
Students who successfully complete this course will be able to:
- understand and internalize doctrinally-base principles of wise financial stewardship.
- develop, track, and modify a budget for their current situation and develop appropriate budgets for future life stages.
- use quantitative tools (e.g., time value of money) to evaluate real-life financial options and make optimal decisions related to debt, insurance, taxes, auto and home purchases, and investments.
- articulate financial goals and develop specific plans to achieve them.
- avoid common financial pitfalls (e.g., excessive debt, get-rich-quick schemes, inadequate insurance, etc.).
- interact and negotiate intelligently with financial professionals (e.g., bankers, insurance agents, realtors, financial planners, etc.).
- communicate effectively about finances with family members (e.g., joint financial planning with spouse, teaching children to be financially responsible, etc.).

| Title | Tags |
| --- | --- |
| Consumer Rights | 182008, 1 |

**Learning Outcome**
Identify consumer rights, responsibilities, and remedies and identify effective practices for purchasing consumer goods and services.

| Title | Tags |
| --- | --- |
| Legal and ethical considerations | 182009, 2 |

**Learning Outcome**
Synthesize legal and ethical considerations of being an informed consumer in today's market.

| Title | Tags |
| --- | --- |
| Knowledge of private and government agencies | 182010, 3 |

**Learning Outcome**
Identify and explain the purposes and features of private and government agencies providing assistance, information, and published materials that are consumer resources for decision making.

| Title | Tags |
| --- | --- |
| Understanding roles of labels and warranties | 182011, 4 |

**Learning Outcome**
Distinguish the roles of labels, warranties, guarantees, and advocate groups in wise consumer behavior.

| Title | Tags |
| --- | --- |
| Interaction of how consumer agencies interact | 182012, 5 |

**Learning Outcome**
Determine how government, business, and the consumer interact for the mutual benefit of each other in the marketplace.

| Title | Tags |
| --- | --- |
| How to make prudent selection of services | 182013, 6 |

**Learning Outcome**
Analyze prudent steps in the

selection of healthcare, childcare, elder care, repair services, household materials, automobiles, toys, and equipment.

**Title**
Ways to avoid identity theft and fraud

**Tags**
182014, 7

**Learning Outcome**
Describe ways to avoid identity theft, fraud, deceptions, and rip-offs.

**Title**
Understanding financial contracts

**Tags**
182015, 8

**Learning Outcome**
Explain the importance of understanding financial contracts (disclosure information, grace period, payment penalties, method of interest calculation).

**Title**
Perform market analysis

**Tags**
182016, 9

**Learning Outcome**
Perform a market analysis exercise and exercise better shopping practices.

## SFL 276R - Exploration of Teaching: Family and Consumer Sciences

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
276R

**Teaching Area**
SFL

**Course Title**
Exploration of Teaching: Family and Consumer Sciences

**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

**Department**
Family Life

**When Taught**
Fall and Winter

### Credit Hours

## SFL 280 - Dynamics of Clothing

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
280

**Teaching Area**
SFL

**Course Title**
Dynamics of Clothing

**Course Description**
Introduction to the influences, meanings, and dimensions of individual clothing selection processes and its effect on families, communities, and cultures.

**Department**
Family Life

**When Taught**
Winter

### Credit Hours

**Min**

Min
3

Fixed
3

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
2

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

| Title | Tags |
| --- | --- |
| Aligning Curriculum and Instructional Goals | 209480, 0, 3 |

Learning Outcome

Students will be able to use the strands and standards developed by the Utah State Board of Education to identify a central conept for planning instruciton appropriate to a particular grade level and topic.

| Title | Tags |
| --- | --- |
| Analyzing Classroom Instruction | 209481, 0, 4 |

Learning Outcome
Students will be able to analyze and describe the family and consumer sciences experiences of adolescents in terms of the tasks, discourse and learning environments they observe in public school classrooms, and can reconcile the theoretical principles of their university experience with the reality of a secondary classroom.

| Title | Tags |
| --- | --- |
| Family and Consumer Sciences Practices | 209478, 0, 1 |

Learning Outcome

Students will be able to understand family and consumer sciences practices and use them to engage in meaningful family and consumer sciences

3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Clothing and Meaning | 182023, 0, 1 |

Learning Outcome

Standard #1: Develop Critical Judgment
The student will be able to develop critical judgment about the effects of clothing upon the physical, social, psychological, and economic well-being of individuals, families, and social groups.
Standard #2: Terminology and Theories
The student will be able to determine how terminology, concepts, and theories affect consumer behavior in relation to clothing.
Standard #3: Fashion Industry
The student will be able to identify and understand the interrelationships among areas in the fashion industry and become aware of related careers.
Standard #4: Designers
The student will be able to analyze and describe the impact influential fashion designers have had on the decisions and trends that affect fashion today.
Standard #5: Types of Research
The student will be able to articulate how different research methods influence certain aspects of the fashion industry.
Standard #6 Critical Thinking Skills:
The student will be able to apply critical thinking skills to communicate ideas related to clothing in the family.

and consumer sciences exploration and reflect on their own use of these practices to make inferences about how adolescents might engage in family and consumer sciences tasks.

**Title**
Philosophy of Teaching and Learning Family and Consumer Sciences

**Tags**
209479, 0, 2

**Learning Outcome**

Students will be able to articulate a philosophy of teaching and learning family and consumer sciences eductaion based on the professional standards for teaching family and consumer sciences, the moral dimensions of teaching, and the INTASC standards.

## SFL 287 - Intermediate Sewing Techniques

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
287

**Teaching Area**
SFL

**Course Title**
Intermediate Sewing Techniques

**Course Description**
Assessing and executing various sewing techniques, including construction of several full-scale garments.

**Department**
Family Life

**When Taught**
Fall, Winter, and Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
1.5

### Lab Hours

## SFL 290 - Critical Inquiry and Research Methods

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
290

**Teaching Area**
SFL

**Course Title**
Critical Inquiry and Research Methods

**Course Description**
Philosophies of critical inquiry. Principles of designing, conducting, and reporting social science investigations.

**Department**
Family Life

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

**Fixed**
4

**Other Prerequisites**
SFL 185R or equivalent sewing skills.
**Fee**
30
**Note**
Student-supplied materials required. Fee.

| Title | Tags |
|---|---|
| Technique with Fabrics | 182359, 0 |

**Learning Outcome**
Identify correct sewing techniques for various fabrics

| Title | Learning Outcome |
|---|---|
| Quality Characteristics | Describe quality characteristics of various sewing techniques |

| Title | Learning Outcome |
|---|---|
| Correct Terminology | Demonstrate following proper procedures while applying correct advanced terminologies |

| Title | Learning Outcome |
|---|---|
| Sequencing Specifications | Create sewing projects that meet the sequencing specifications for different types and styles of fabric |

### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Evaluate Research Designs | 182024, 1 |

**Learning Outcome**
Evaluate the strengths and weaknesses of different methods of inquiry used in investigating the human contexts of human development, home, and family.

| Title | Tags |
|---|---|
| Conduct a Research Study | 182025, 2 |

**Learning Outcome**
Conduct a research study and write up the results.

| Title | Tags |
|---|---|
| Practical Experience with Research | 182026, 3 |

**Learning Outcome**
Gain practical experience in using research methods.

## SFL 305 - Applied Statistics & Data Management

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
305
**Teaching Area**
SFL
**Course Title**
Applied Statistics & Data Management
**Course Description**
Data management, statistical methods, data visualization and presentation, and research documentation, with data about families.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

## SFL 306 - Death and Dying

### Course Information

**Course Number**
306
**Teaching Area**
SFL
**Course Title**
Death and Dying
**Course Description**
Death and the dying process will be explored from spiritual, physical, cultural, and psychosocial perspectives. Comparisons will be drawn between end-of-life care in Western compared to other cultures and ethnic backgrounds.
**Department**
Family Life
**When Taught**
Fall

### Credit Hours

**Fixed**
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Other Prerequisites**
None

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**

- SFL 210 - Human Development

**Additional Comments:**

**Recommended**
SFL 359

| Title | Tags |
| --- | --- |
| Personal views | 214407, 0, 1, 2023-08-29 12:22:36 |

**Learning Outcome**
Students will be able to articulate their personal views and attitudes toward death and dying.v

| Title | Tags |
| --- | --- |
| Cultural attitudes | 214408, 0, 2, 2023-08-29 12:22:41 |

**Learning Outcome**
Students will be able to identify societal and cultural attitudes toward death.

| Title | Tags |
| --- | --- |
| Guiding principles | 214409, 0, 3, 2023-08-29 12:22:52 |

**Learning Outcome**
Students will be able to describe guiding principles of end-of-life care.

| Title | Tags |
| --- | --- |
| Models | 214410, 0, 4, 2023-08-29 12:22:56 |

**Learning Outcome**
Students will be able to distinguish between the medical model & patient-centered approach to dying.

| Title | Tags |
| --- | --- |
| End-of-life care | 214411, 0, 5, 2023-08-29 12:23:03 |

**Learning Outcome**
Students will describe and evaluate factors that influence patient preferences in end-of-life care.

## SFL 315 - Effective Writing & Presenting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 315 |

**Teaching Area**
SFL
**Course Title**
Effective Writing & Presenting
**Course Description**
Principles, tools, and extensive practice to become effective writers and presenters in School of Family Life disciplines, as well as in more general settings.
**Department**
Family Life
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 290 - Critical Inquiry and Research Methods

## SFL 325 - Marital Relationships: Theory and Research

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 325 |

**Teaching Area**
SFL
**Course Title**
Marital Relationships: Theory and Research
**Course Description**
Critical analysis of literature regarding dating, spouse selection, and transition to marriage processes leading to successful marriage, as well as processes for maintaining, strengthening, and repairing marital relationships. Preparation for research and teaching in the field.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

**Additional Comments:**

**Note**
Fulfills GE Advanced Writing requirement.

| Title | Tags |
| --- | --- |
| Disciplinary Research and Writing | 182508, 1 |

**Learning Outcome**
Demonstrate learning in the process of disciplinary research and writing, rhetorical knowledge, effective writing processes, knowledge of disciplinary writing conventions, effective oral presentation, and well-designed media support.

| Title | Tags |
| --- | --- |
| Reliable Sources of Information | 182509, 2 |

**Learning Outcome**
Access reliable sources of information about the family, critically evaluate claims, take effective notes, create logical arguments, use supporting evidence, employ correct grammar, write multiple drafts, and avoid plagiarism while engaging in disciplinary research and writing.

| Title | Tags |
| --- | --- |
| Synthesize Concepts, Theories, and Research Findings | 182510, 3 |

**Learning Outcome**
Identify major concepts, theories, and research findings in several substantive areas related to marriage, family, and home; synthesize those findings; and effectively write to academic, professional/clinical, and general audiences.

| Title | Tags |
| --- | --- |
| Apply The Family: A Proclamation to the World | 182511, 4 |

**Learning Outcome**
Apply doctrine and principles of The Family: A Proclamation to the World to inform, inspire, and motivate disciplinary writing.

- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 160 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Content and Theory | 182027, 1 |

**Learning Outcome**
Critically explore and consider ideas and theories about why people form romantic relationships.
Critically examine current cultural trends in relationship formation, duration, and dissolution.
Synthesize and explore scientific findings about why marriages may succeed or fail.
Understand principles that will allow you to integrate the information from class into your personal belief system so that it is useful for you in your professional and personal endeavors while strengthening your beliefs in the gospel.

## SFL 220 - History of Interior Design and

SFL 220 - History of Interior Design and

## SFL 328 - History of Interior Design and Architecture 1

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
328

**Teaching Area**
SFL

**Course Title**
History of Interior Design and Architecture 1

**Course Description**
History of interior design, architecture, and furnishings from ancient Egypt to beaux arts movement. French, English, and American design.

**Department**
Family Life

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Content and Learning | 182017, 1 |

**Learning Outcome**
Identify important motifs, interior, and exterior architectural styles from each of the historical periods covered in class.
Identify furniture, designers, and minor/decorative arts from each of the historical periods covered in class.
Understand the relationship of the design periods to history and culture.

## SFL 329 - History of Interior Design and Architecture 2

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
329

**Teaching Area**
SFL

**Course Title**
History of Interior Design and Architecture 2

**Course Description**
Furniture, interior design, and architecture from Industrial Revolution to present.

**Department**
Family Life

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Housing Styles | 182019, 1 |

**Learning Outcome**
Students will identify the popular types of housing styles of 1900-2011. Students will explain how each style was influenced by political and economic factors

| Title | Tags |
|---|---|
| Architects | 182020, 2 |

**Learning Outcome**
Students will identify the architects that had an impact on the various periods of architecture.

| Title | Tags |
|---|---|
| Influence on Culture | 182021, 3 |

**Learning Outcome**

Students will analyze how the various styles of architecture were influenced by society and culture.

## SFL 330 - Preprofessional Preparation for Marriage and Family Therapy

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
330
**Teaching Area**
SFL
**Course Title**
Preprofessional Preparation for Marriage and Family Therapy
**Course Description**
Overview of profession, licensing, and application to graduate study.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Content and Theory | 182028, 1 |

**Learning Outcome**
Review and evaluate at least two accredited Marriage and Family Therapy programs.
Write a letter of application to an accredited Marriage and Family Therapy program of your choice
Have letter of application to an accredited Marriage and Family Therapy program reviewed by at least one Marriage and Family Therapy faculty member.
Become familiar with career options in Marriage and Family

## SFL 331 - Infant Development in the Family

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
331
**Teaching Area**
SFL
**Course Title**
Infant Development in the Family
**Course Description**
Conception, prenatal development, pregnancy. Physical, cognitive, and social development of the first twenty-four months. Implications for guidance and care in the family.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 210 or concurrent enrollment
**Note**

Therapy and begin to formulate career choices.

Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Human Development Content and Theory | 182049, 1 |

**Learning Outcome**
Critically examine the needs, development, and important variation in development during the first 2-3 years of life.

| Title | Tags |
|---|---|
| Human Development Content and Theory | 182050, 2 |

**Learning Outcome**
Understand the underlying developmental processes associated with dramatic changes that occur during infancy with the family as an important backdrop.

| Title | Tags |
|---|---|
| Effective Writing and Analysis | 182312, 3 |

**Learning Outcome**
Critically synthesize and write in depth a specific area of interest related to infant development.

| Title | Tags |
|---|---|
| Research and Evaluation Methodologies | 182365, 1 |

**Learning Outcome**
Develop skills for critical evaluation of research and theory in the area of infant development.

## SFL 333 - Adolescent Development in the Family and Other Social Contexts.

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
333

**Teaching Area**
SFL

**Course Title**
Adolescent Development in the Family and Other Social Contexts.

**Course Description**
Examining the developmental and social contexts of adolescents with emphasis on the importance of the family. Other contexts include

## SFL 334 - Adult Development and Aging in the Family

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
334

**Teaching Area**
SFL

**Course Title**
Adult Development and Aging in the Family

**Course Description**
Adjustments to physical, emotional, social, and economic changes. Needs arising from changes in family relationships, living

peers, religion, community, schools, and cross-cultural issues.

**Department**
Family Life

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 210 or concurrent enrollment

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

## SFL 335 - Family Adaptation and Resiliency

arrangements, and employment; retirement planning.

**Department**
Family Life

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Content and Learning | 182069, 1 |

**Learning Outcome**
Interact with older adults (parents, grandparents, neighbors, ward members, research participants, clients, etc.) in an informed (accurate knowledge of relevant issues) and sensitive (aware of "life course" perspective) manner.
Apply complex interactions of gerontology concepts to real-life situations, including current issues in local, national, and world communities.
Understand and articulate basic age-related biological, psychological, and sociological processes and learn how to access and evaluate information about those age-related experiences.
Synthesize course concepts through observing, serving, and interacting with older adults in the community.

## SFL 336 - Theories in Family Perspective

## Course Information

**Teaching Area (new)**
SFL

**Course Number**
335

**Teaching Area**
SFL

**Course Title**
Family Adaptation and Resiliency

**Course Description**
Understanding family resiliency and building family strengths in normative transitions (birth, death, job) and nonnormative transitions (divorce, disability, remarriage, poverty, violence). Developing familial, social, religious, and instrumental resources to adapt positively to these transitions.

**Department**
Family Life

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 160 or concurrent enrollment

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Effective Writing and Analysis | 182316, 1 |

**Learning Outcome**
Demonstrate improvement in

## Course Information

**Teaching Area (new)**
SFL

**Course Number**
336

**Teaching Area**
SFL

**Course Title**
Theories in Family Perspective

**Course Description**
Introduction of major theoretical perspectives and of philosophical issues. Readings include representative papers applying theoretical and philosophic tenets.

**Department**
Family Life

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 160 or concurrent enrollment.

| Title | Tags |
|---|---|
| Content and Theory | 182029, 1 |

**Learning Outcome**
Recognize important philosophical foundations of social research methods and theory.
Identify and understand the basic components of eight family theories.

course content writing skills.

| Title | Tags |
| --- | --- |
| Content and Theory | 182384, 1 |

**Learning Outcome**

Articulate the main conceptual frameworks which help us understand how families cope with stress.
Demonstrate how a wide range of life events influence families both positively and negatively.
Demonstrate what factors contribute to whether families respond positively or negatively to life events and transitions.
Understand and apply how gospel principles regarding the family, charity, faith and trials interconnect with scholarly research on family stress.

Compare and contrast the philosophical underpinnings (assumptions and implications) of theories.

| Title | Tags |
| --- | --- |
| Effective Writing and Analysis | 182306, 2 |

**Learning Outcome**

Represent your own ideas about family life using theoretical language.Write more clearly about your ideas and the ideas of other family social scientists.

| Title | Tags |
| --- | --- |
| Research and Evaluation Methodologies | 182307, 1 |

**Learning Outcome**

Apply theory to family focused research.

## SFL 340 - Family Meal Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 340 |

**Teaching Area**
SFL
**Course Title**
Family Meal Management
**Course Description**
Organizing and managing time, energy, finance, and nutrition in planning, preparing, and serving family meals; ethnic and cultural diversity in etiquette and meal planning. Lab required.
**Department**
Family Life
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

## SFL 345 - Family Life in World Religions

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 345 |

**Teaching Area**
SFL
**Course Title**
Family Life in World Religions
**Course Description**
How families of various faiths live their religion in their homes, with emphasis on practical, day-to-day home and family life rather than on abstract theology.
**Department**
Family Life
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Other Prerequisites**
SFL 110 or instructor's consent.

| Title | Tags |
| --- | --- |
| Content and Learning | 182305, 0 |

**Learning Outcome**
Develop a philosophy of why meal preparation and consumption at the family table is an important component in development and stability of families.Plan attractive meals with consideration for nutritional adequacy, income level, social, cultural, psychological, palatability, and aesthetic factors.Employ sanitation standards and safety procedures in food handling and in the use and care of kitchen utensils, equipment, and food storage.Demonstrate an understanding of factors affecting food habits, meal consumption patterns, and trends in food cost.Utilize managerial skills and available resources in food purchasing, and meal planning, preparation, and service

**Fixed**
0

**Recommended**
SFL 160

| Title | Tags |
| --- | --- |
| Content and Theory | 182030, 1 |

**Learning Outcome**
Critically evaluate how families of other faiths live their faith in their homes.
Synthesize and give thoughtful consideration on how to best to live LDS beliefs and practices in day-to-day home life.
Evaluate and synthesize how to learn optimal characteristics from people of other faiths.
Demonstrate critical thinking skills on practical living.

## SFL 351 - Social Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 351 |

**Teaching Area**
SFL
**Course Title**
Social Development
**Course Description**
Processes and sequences of social development across childhood and adolescence in areas such as attachment, the self, emotions, achievement, gender, aggression, and pro-social behavior as socialized by parents, siblings, peers, the media, and schools.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

## SFL 352 - Perception, Cognition, & Language Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 352 |

**Teaching Area**
SFL
**Course Title**
Perception, Cognition, & Language Development
**Course Description**
Development of mental abilities; effects of maturation and learning on memory, perception, attention processes, intelligence, language, and social cognition.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

Other Prerequisites
SFL 210 or concurrent enrollment.
Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Content and Theory | 182054, 1 |

Learning Outcome
Acquire a base of knowledge of how family, peer, and media socialization affects the social development of children and adolescents.
Critically examine principles that are useful in caring for the children under your stewardship.

| Title | Tags |
|---|---|
| Research and Evaluation Methodologies | 182070, 2 |

Learning Outcome
Develop academic reading skills via frequent exposure to professional research articles.
Critically evaluate several central debates that are currently being debated in child psychology (particularly regarding child socialization).

| Title | Tags |
|---|---|

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

Other Prerequisites
SFL 210 or concurrent enrollment

| Title | Tags |
|---|---|
| Content and Theory 1 | 214413, 0, 1, 2023-08-29 12:23:48 |

Learning Outcome
Critically examine and discuss selected topics in perception, cognition, and language development.

| Title | Tags |
|---|---|
| Content and Theory 2 | 214414, 0, 2, 2023-08-29 12:23:51 |

Learning Outcome
Identify and discuss selected theories and theoretical models of perception, cognition, and language development, as well as the various research methods used in the study of cognitive development.

| Title | Tags |
|---|---|
| Content and Theory 3 | 214415, 0, 3, 2023-08-29 12:23:53 |

Learning Outcome
Describe how perception, cognition, and language development change throughout the life span.

| Title | Tags |
|---|---|
| Research and Evaluation Methodologies | 214416, 0, 4, 2023-08-29 12:23:56 |

| Effective Writing and Analysis | 182385, 2 |
|---|---|

**Learning Outcome**
Develop professional writing skills by working with writing fellows and your instructor to produce a high-quality review of research in a particular domain of social development and/or socialization research.
Develop the ability to translate empirical knowledge for a lay-audience by working with writing fellows and your instructor to produce a high-quality lay-audience brochure/article.

**Learning Outcome**
Evaluate in empirical research studies a specific topic in perception, cognition, and language development and synthesize in each study the research questions, methodology, findings, and discussions of the findings.

| Title | Tags |
|---|---|
| Effective Writing and Analysis | 214417, 0, 5, 2023-08-29 12:23:58 |

**Learning Outcome**
Succinctly summarize in writing a collection of empirical studies on a topic in perception, cognition, and language development of your interest.

## SFL 354 - Cross-Cultural Family and Human Development

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SFL | 354 |

**Teaching Area**
SFL
**Course Title**
Cross-Cultural Family and Human Development
**Course Description**
Comparative study of familial, social, and other factors in development.
**Department**
Family Life
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## SFL 356 - Exploring Gender Development in Families

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SFL | 356 |

**Teaching Area**
SFL
**Course Title**
Exploring Gender Development in Families
**Course Description**
An exploration of biological and social contributions to gender development across the lifespan, including discussions of gender in mental health, relationships, employment, parenthood, and global opportunities for men and women within a gospel perspective.
**Department**
Family Life
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods

**Additional Comments:**

**Other Prerequisites**
SFL 160 or SFL 210 or concurrent enrollment

| Title | Tags |
|---|---|
| Content and Theory | 182031, 1 |

**Learning Outcome**
Critically evaluate the importance of considering gender as an important contextual factor for understanding human development and relationships.
Develop awareness of one's own cultural and gender-based values and beliefs.
Recognize and explicate biases inherent in the perspective of the dominant U.S. culture.
Engage in class (and out-of-class) discussions about class topics
Be better positioned as a citizen of the world, in terms of valuing diversity and being able to analyze world cultures for how they might benefit (or cost) individual and family development.

**Fixed**
0

**Recommended**
SFL 290

## SFL 357 - Therapeutic Play Foundations

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
357
**Teaching Area**
SFL
**Course Title**
Therapeutic Play Foundations
**Course Description**
Play is an essential element for children???s growth, development, and learning; both therapeutic aspects and learning objectives of play in infants, children, and youth are examined.
**Department**
Family Life
**When Taught**
Winter

### Credit Hours

## SFL 358 - Media, Family, and Human Development

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
358
**Teaching Area**
SFL
**Course Title**
Media, Family, and Human Development
**Course Description**
Aspects of media and their potential effects on family interactions and human development across the lifespan.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisite**
**Type**
Prerequisite

Prerequisite

**Complete ALL of the following Courses:**
- SFL 210 - Human Development

**Additional Comments:**

**Recommended**
SFL 359.
**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Content and Theory | 182058, 1 |

**Learning Outcome**
Discuss the frequency of use of forms of media.
Describe the major theories and associated research that are used to describe media research.
Critically examine media theory and research in the field and apply course material to your own experiences.
Understand how media may influence human development.
Discuss how media can shape the family.

| Title | Tags |
|---|---|
| Research and Evaluation Methodologies | 182358, 1 |

**Learning Outcome**
Demonstrate research skills by researching a topic area relevant to the media.

## SFL 359 - Child Life in Healthcare Settings

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SFL | 359 |

**Teaching Area**
SFL
**Course Title**
Child Life in Healthcare Settings

## SFL 360 - Advanced Family Finance

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SFL | 360 |

**Teaching Area**
SFL
**Course Title**
Advanced Family Finance

**Course Description**
Roles of child life specialists in preparing children and families for healthcare experiences. Content includes psychosocial and developmental needs of children, adolescents, and families in healthcare settings and impact of illness, injury, and hospitalization on the child and family.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 210 - Human Development

**Additional Comments:**

**Recommended**
SFL 331, 333, 351
**Note**
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/SFL-359-M001.

| Title | Tags |
|---|---|
| Human Development Content and Theory | 182059, 1 |

**Learning Outcome**
Describe the contents of the official documents of the Child Life Council (CLC), including the Code of Ethical Responsibility, Child Life Competencies, and Standards of Clinical Practice, the Child Life Mission, Values and Vision Statements, and the Code of Professional Practice.
Identify the elements of child

**Course Description**
Time value of money principles applied to family finance.
**Department**
Family Life
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 260 - Family Finance

**Additional Comments:**

| Title | Tags |
|---|---|
| Research and Methodologies | 182032, 1 |

**Learning Outcome**
Critically evaluate theories and methods used in family and personal finance research as reported in scientific and popular literature.

| Title | Tags |
|---|---|
| Content and Learning | 182334, 0 |

**Learning Outcome**
Develop advanced critical analytical skills, financial knowledge, and planning capabilities applied to money in the family.Demonstrate knowledge of “best principles and practices” that simplify financial life, and builds wealth in ways that strengthen one’s family, community, and

life practice in direct and non-direct services in pediatric health care including a historical review of the profession and its development in the evolution of children's healthcare. Use developmental theory to assess the impact of illness, injury and health care on patients and families, identifying the stressors and developmental and psychosocial treatment issues that affect the healthcare experience of a child and family including siblings. Be able to apply the key principles of patient- and family-centered care, including principles of respect and dignity, information sharing, supporting participation in care, and collaboration in relationship to child life practice. Compare both historical and current perspectives on the rationale for, and techniques and outcomes of preparation, as well as accepted preparation methods for healthcare encounters and life-changing events.

**Title**
Human Development Content and Theory

**Tags**
182317, 2

**Learning Outcome**
Use developmental theory to assess the impact of illness, injury and health care on patients and families, identifying the stressors and developmental and psychosocial treatment issues that affect the healthcare experience of a child and family including siblings.

**Title**
Human Development Content and Theory

**Tags**
182324, 3

**Learning Outcome**
Be able to apply the key principles of patient- and family-centered care, including principles of respect and dignity, information sharing, supporting participation in care, and collaboration in relationship to child life practice.

**Title**
Human Development Content

**Tags**

family, community, and financial future.

| Title | Tags |
| --- | --- |
| and Theory | 182340, 4 |

**Learning Outcome**
Compare both historical and current perspectives on the rationale for, and techniques and outcomes of preparation, as well as accepted preparation methods for healthcare encounters and life-changing events.

| Title | Tags |
| --- | --- |
| Human Development Content and Theory | 182351, 1 |

**Learning Outcome**
Identify the elements of child life practice in direct and non-direct services in pediatric health care including a historical review of the profession and its development in the evolution of children's healthcare.

| Title | Tags |
| --- | --- |
| Human Development Content and Theory | 182352, 0 |

**Learning Outcome**
Describe the contents of the official documents of the Child Life Council (CLC), including the Code of Ethical Responsibility, Child Life Competencies, and Standards of Clinical Practice, the Child Life Mission, Values and Vision Statements, and the Code of Professional Practice.

## SFL 370 - Work, Family, and Community: Exploring Interconnections

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 370 |

**Teaching Area**
SFL
**Course Title**
Work, Family, and Community: Exploring Interconnections
**Course Description**
How family life and employment interact with each other and with other community contexts (school, church, government, recreation, media, the economy, and health care, etc.) in patterns of mutual influence.
**Department**
Family Life
**When Taught**
Contact Department

## SFL 371 - Teaching with Technology in Family and Consumer Sciences Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 371 |

**Teaching Area**
SFL
**Course Title**
Teaching with Technology in Family and Consumer Sciences Education
**Course Description**
Learning educational methods and techniques for using technology in the Family and Consumer Sciences classroom.
**Department**
Family Life
**When Taught**
Fall and Winter

**Credit Hours**

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 160 or concurrent enrollment

| Title | Tags |
| --- | --- |
| Content and Theory | 182033, 1 |

**Learning Outcome**
Critically examine the reciprocal interactions of the course content concerning marriages, homes, and families.
Analyze how current events, trends, and changes in these contexts affect marriages, homes, and families.
Demonstrate writing, critical thinking, problem-solving, and presentation skills to be better prepared to personally make a difference in the contexts discussed in class.
Understand how to better manage your own marriage, home, and family as they interface with the contexts discussed in class.
Analyze how to be an effective advocate for shaping the contexts covered in class to be more supportive of strong marriages,

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

homes, and families.

## SFL 376 - Healthy Sexuality in Marriage

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
376
**Teaching Area**
SFL
**Course Title**
Healthy Sexuality in Marriage
**Course Description**
Understanding how healthy sexuality can be developed in marriage by surveying the relevant theories and research that are consistent with principles of the gospel. Students will be better able to facilitate health and growth in the families they work with as professionals and will be better prepared to navigate their own sexual feelings, thoughts, and behaviors in a way that is consistent with healthy relationship functioning and the doctrines of the gospel.
**Department**
Family Life
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## SFL 377 - Teaching Methods and Instruction in Family and Consumer Sciences Education

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
377
**Teaching Area**
SFL
**Course Title**
Teaching Methods and Instruction in Family and Consumer Sciences Education
**Course Description**
Developing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 276R - Exploration of Teaching: Family and Consumer Sciences

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Standard #4: Content Knowledge | 182388, 3 |

**Learning Outcome**

The candidate understands the central concepts, tools of inquiry, and structures of the discipline.

**Title**
Standard #1: Learner Development

**Tags**
182389, 0

**Learning Outcome**

The candidate understands cognitive, linguistic, social, emotional and physical areas of student development.

**Title**
Standard #2: Learning Differences

**Tags**
182390, 1

**Learning Outcome**

The candidate understands individual learner differences and cultural and linguistic diversity.

**Title**
Standard #3: Learning Environments

**Tags**
182391, 2

**Learning Outcome**

The candidate works with learners to create environments that support individual and collaborative learning, encouraging positive social interaction, active engagement in learning, and self-motivation.

**Title**
Standard #5: Assessment

**Tags**
182392, 4

**Learning Outcome**

The candidate uses multiple methods of assessment to engage learners in their own growth, monitor learner progress, guide planning and instruction, and determine whether the outcomes described in content standards have been met.

**Title**
Standard #7: Instructional

**Tags**

| Standard #7: Instructional Strategies | Tags 182393, 6 |
| --- | --- |

**Learning Outcome**

The candidate uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections, and build skills to apply and extend knowledge in meaningful ways.

| Title | |
| --- | --- |
| Standard #8: Reflection and Continuous Growth | Tags 182394, 7 |

**Learning Outcome**

The candidate is a reflective practitioner who uses evidence to continually evaluate and adapt practice to meet the needs of each learner.

| Title | |
| --- | --- |
| Standard #9: Leadership and Collaboration | Tags 182395, 8 |

**Learning Outcome**

The candidate is a leader who engages collaboratively with learners, families, colleagues, and community members to build a shared vision and supportive professional culture focused on student growth and success

| Title | |
| --- | --- |
| Standard #10: Professional and Ethical Behavior | Tags 182396, 9 |

**Learning Outcome**

The candidate demonstrates the highest standard of legal, moral, and ethical conduct as specified in Utah State Board Rule R277-515.

| Title | |
| --- | --- |
| Standard #6: Instructional Planning | Tags 182397, 5 |

**Learning Outcome**

The candidate plans instruction to support students in meeting

to support students in meeting rigorous learning goals by drawing upon knowledge of content areas, Core Curriculum standards, instructional best practices, and the community content.

## SFL 378 - Practicum in Secondary Education

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
378
**Teaching Area**
SFL
**Course Title**
Practicum in Secondary Education
**Course Description**
Field-based teaching experience directed at helping prospective teachers learn to give demonstrations, prepare for lab experiences, and execute the experience using meaningful and engaging instruction for students in the Family and Consumer Sciences content.
**Department**
Family Life
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 276R - Exploration of Teaching: Family and Consumer Sciences

**Additional Comments:**

**Recommended**

## SFL 379 - Classroom Management and Lab Safety

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
379
**Teaching Area**
SFL
**Course Title**
Classroom Management and Lab Safety
**Course Description**
Current theory, research, and application in classroom management; creating positive teacher-student and peer relationships; developing optimal learning environments.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1
**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

Recommended
SFL 110, 185, and 276R

| Title | Tags |
| --- | --- |
| Management | 182343, 1 |

**Learning Outcome**
Manage a food or clothing preparation lab by purchasing, maintaining, and caring for equipment and supplies.

| Title | Tags |
| --- | --- |
| Assessment | 182363, 4 |

**Learning Outcome**
The student will teach a lesson using best practice strategies and be assessed on that lesson based on the BYU CPAS Standards.

| Title | Tags |
| --- | --- |
| Teach and Assist | 182364, 3 |

**Learning Outcome**
Assist and teach in lectures and labs demonstrating knowledge of food and clothing content through proper care and use of equipment, preparation principles and techniques.

| Title | Tags |
| --- | --- |
| Organization | 182376, 2 |

**Learning Outcome**
Organize the labs so that they operate in the utmost efficiency through scheduling division of labor.

## SFL 380 - History of Apparel

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 380 |

**Teaching Area**
SFL
**Course Title**
History of Apparel
**Course Description**
Costume, clothing, and textiles as mediums for understanding the stages and states of individuals, families, and societies; apparel diversity and cultural identity.
**Department**
Family Life
**When Taught**
Winter

## SFL 382 - Textiles

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 382 |

**Teaching Area**
SFL
**Course Title**
Textiles
**Course Description**
Natural and synthetic textile fibers, yarns, fabric construction, dyes, and finishes. Care and performance of textile fabrics for clothing and household use.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Content and Learning | 182310, 0 |

**Learning Outcome**
Critically analyze how western cultural heritage is evidenced in the evolution of clothing through time periods.Be able to distinguish clothing from various points in time by their characteristics and details.Be able to recognize the importance of catalytic events, people and technological developments and how they influenced fashion.Demonstrate how to use vocabulary and terminology specific to particular periods of time in order that we may more accurately express ourselves and communicate clearly.Understand how the value systems and beliefs of societies are reflected in their clothing.Be able to conduct personal research of interest and share those findings in a professional manner with the class.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1.5

**Fee**
20

## SFL 387 - Advanced Sewing Studies: Patternmaking

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 387 |

**Teaching Area**
SFL

## SFL 393R - Special Projects in Advanced Clothing Construction

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 393R |

**Teaching Area**
SFL

**Course Title**
Advanced Sewing Studies: Patternmaking
**Course Description**
Flat pattern design, basic drafting, and basic draping for apparel.
**Department**
Family Life
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3.5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 287 - Intermediate Sewing Techniques

**Additional Comments:**

**Note**
Student-supplied materials required.

| Title | Tags |
|---|---|
| Pattern Principles and Methods | 182296, 0 |

**Learning Outcome**
Apply flat pattern principles and methods in the creation of patterns

| Title | Learning Outcome |
|---|---|
| Draping | Create basic styles through draping by using the manipulation of fabrics |

| Title | Learning Outcome |
|---|---|
| Pattern Drafting | Apply basic pattern drafting techniques in the creation of basic patterns |

**Course Title**
Special Projects in Advanced Clothing Construction
**Course Description**
Special projects in advanced clothing construction.
**Department**
Family Life
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.
**Fee**
15

| Title | Learning Outcome |
| --- | --- |
| Correct Terminology | Demonstrate following proper procedures while applying correct advanced terminologies |

## SFL 395R - Special Topics in Family Life

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
395R

**Teaching Area**
SFL

**Course Title**
Special Topics in Family Life

**Course Description**
Specific topics in home and family living, human development, marriage and family studies, or marriage and family therapy.

**Department**
Family Life

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Title**
Mentored Investigation of Special Topics

**Tags**
182034, 1

**Learning Outcome**
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literature for a topic of interest in human development and family studies.

## SFL 399R - Academic Internship

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
399R

**Teaching Area**
SFL

**Course Title**
Academic Internship

**Course Description**
Supervised professional experiences linking academic learning with experience in the field.

**Department**
Family Life

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
9

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Internship program coordinator's consent

**Note**
Forty-five internship hours required per credit hour. An APPROVED Internship Application is required before adding.

**Title**
Internship

**Tags**
182475, 1

**Learning Outcome**
Complete a supervised internship in an employment setting or agency related to human development, marriage, family, or home.
Link academic learning and coursework with these professional experiences.
Complete a minimum of 45 hands-on hours per credit.

## SFL 400 - Addiction, Recovery, Healing in Marriage and Families

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
400

**Teaching Area**

## SFL 401 - Helping Relationships

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
401

**Teaching Area**
SFL

SFL

**Course Title**

Addiction, Recovery, Healing in Marriage and Families

**Course Description**

Addiction, recovery, and healing are examined in marriage and family context; beginning preparation for relationship-oriented addiction recovery counseling careers.

**Department**

Family Life

**When Taught**

Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**

SFL 336

| Title | Tags |
| --- | --- |
| Students Content and Theory | 182403, 1 |

**Learning Outcome**

Students will gain a compassionate as well as academic understanding of the nature and experience of addiction that informs them of how persons can assist in recovery in a helping role--learning both academically and from the firsthand perspectives of individuals, couples, and families struggling with addiction and striving for recovery.

Students will be aware of clinical diagnostic criteria used by helping professionals to identify the presence of a substance or behavioral addiction or compulsion.

**Course Title**

Helping Relationships

**Course Description**

Practicum in common factors in personal, professional, and volunteer helping relationships. Students explore and enhance their proficiency in therapeutic relationships, motivational interviewing, relationship mediation, and relationship systems conceptualization.

**Department**

Family Life

**When Taught**

Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**

SFL 336.

| | |
|---|---|
| Students will understand the numerous dimensions and dynamics contributing to powerlessness of addiction and will understand how that knowledge informs recovery work and intervention. | |
| Students will be able to evaluate couple/family relationships affected by addiction and each couple's/family's needs in recovery. | |
| Students will learn a model for recovery and healing in relationship context. | |
| Building on the entire course curriculum and experience students will be able to outline a process for individual recovery and relationship healing from addiction. | |

## SFL 403R - Research/Creative Works Practicum

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
403R

**Teaching Area**
SFL

**Course Title**
Research/Creative Works Practicum

**Course Description**
Research/Creative works experience in a project directed by a faculty member.

**Department**
Family Life

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|

## SFL 420 - Administering Programs for Young Children

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
420

**Teaching Area**
SFL

**Course Title**
Administering Programs for Young Children

**Course Description**
Strategies for planning and administering quality programs in settings for young children. Budgeting, staffing, accrediting, selecting equipment, etc.

**Department**
Family Life

**When Taught**
Contact Department

**Credit Hours**

**Min**
2

**Fixed**
2

**Lecture Hours**

| Mentored Research | 182035, 1 |
|---|---|

**Learning Outcome**

Students will conduct research with a mentoring professor which may include literature reviews, data collection, data coding, data management, data analysis, constructing statistical tables, writing proposals for conferences, and writing manuscripts to be submitted for publication.

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 222 - Practicum in Developmentally Appropriate Practices

**Additional Comments:**

| Title | Tags |
|---|---|
| Content and Theory | 182060, 1 |

**Learning Outcome**
Demonstrate how to operationalize appropriate curriculum based on your understanding of development and be able to critically design early childhood programs.
Plan the physical environment including financing and budgeting of an early childhood program.
Obtain information and guidelines on nutrition, health, and safety services for young children.

| Title | Tags |
|---|---|
| Research and Evaluation Methodologies | 182386, 1 |

**Learning Outcome**
Develop strategies for assessing, recording, and reporting children's progress as well as evaluating the overall effectiveness of the program.
Critically evaluate ways to contribute to the profession by addressing the individual needs of the families; influencing public policy; and becoming involved in research.

## SFL 449 - Biological Foundations of Human

## SFL 453 - Moral Development

# Development

## Course Information

**Teaching Area (new)**
SFL

**Course Number**
449

**Teaching Area**
SFL

**Course Title**
Biological Foundations of Human Development

**Course Description**
Biological, genetic, and neurological foundations of human development and their interactions with family socialization processes.

**Department**
Family Life

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 210 or concurrent enrollment

**Title**
Research and Evaluation Methodologies

**Tags**
182061, 1

**Learning Outcome**
Critically examine and analyze current research in the areas of developmental psychobiology.

## Course Information

**Teaching Area (new)**
SFL

**Course Number**
453

**Teaching Area**
SFL

**Course Title**
Moral Development

**Course Description**
Theories and applications of moral development, including moral reasoning, moral emotions, contextual factors, and socialization influences that influence moral decisions and moral behavior.

**Department**
Family Life

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 210 or concurrent enrollment

**Title**
Content and Theory

**Tags**
182062, 1

**Learning Outcome**
Critically examine and discuss selected topics in moral development, as well as being able to apply the information and skills learned in this class to your own life.
Understand the different

| Title | Tags |
| --- | --- |
| Content and Theory | 182344, 0 |

**Learning Outcome**
Understand how biological process influences human development.Understand and synthesize the intersections between biology, psychology, and behavior in a developmental context.

| Title | Tags |
| --- | --- |
| Effective Writing and Analysis | 182373, 2 |

**Learning Outcome**
Demonstrate critical thinking/writing skills.

constructs that contribute to moral development, such as cognition, emotion, identity, context, and culture.
Be able to discuss socialization influences that impact children's moral development, such as parents, peers, teachers, and media.

| Title | Tags |
| --- | --- |
| Effective Writing and Analysis | 182303, 2 |

**Learning Outcome**
Think and write in a synthesized, analytical fashion, combining information across sources rather than merely summarizing information.

| Title | Tags |
| --- | --- |
| Research and Evaluation Methodologies | 182338, 1 |

**Learning Outcome**
Identify and discuss the major theories of moral development, as well as the various research methods used in the study of moral and prosocial development.

## SFL 460 - Advanced Family Processes

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
460
**Teaching Area**
SFL
**Course Title**
Advanced Family Processes
**Course Description**
Applying evidence-based best practices, processes, and principles in developing personal wellbeing and family strengths. May include communication, reconciliation, ritualization, conflict resolution, honoring agency, trauma, distance regulation, forgiveness, gratitude, physiology and relationships, healthy religious processes
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**

## SFL 461 - The Family and the Law

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
461
**Teaching Area**
SFL
**Course Title**
The Family and the Law
**Course Description**
Legal environment of the family system, with emphasis on husband-wife and parent-child relationships, rights, and responsibilities.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 160 or concurrent enrollment

| Title | Tags |
|---|---|
| Learning Outcome 1 | 182489, 1 |

**Learning Outcome**
Develop an understanding of advanced family and relationship processes.

| Title | Tags |
|---|---|
| Learning Outcome 2 | 182490, 2 |

**Learning Outcome**
Gain a practical and scholarly experience in how advanced family and relationship processes can influence them and their relationships.

| Title | Tags |
|---|---|
| Learning Outcome 3 | 182491, 3 |

**Learning Outcome**
Be able to apply advanced family and relationship processes in practical situations.

## SFL 465 - Marital and Family

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 160 or concurrent enrollment

| Title | Tags |
|---|---|
| Content and Theory | 182037, 1 |

**Learning Outcome**
Critically analyze the historical and practical application of the law to your family.
Critically analyze the profound implications that family law has on your relationships.
Critically analyze the legitimacy of laws governing unnerving and sometimes painful issues.
Be able to discuss sensitive issues different than your own in order to broaden your understanding as well as hone your ability to judge.
Understand and synthesize issues addressed in class such as marriage, adoption, infertility, divorce, addiction, etc.

## SFL 471 - Philosophies of Family Work and

## Therapy/Enrichment Techniques

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
465

**Teaching Area**
SFL

**Course Title**
Marital and Family Therapy/Enrichment Techniques

**Course Description**
Theories and techniques. Professional family enrichment and therapy applied to couples and families.

**Department**
Family Life

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 160 or concurrent enrollment

| Title | Tags |
|---|---|
| Content and Theory | 182038, 1 |

**Learning Outcome**
Analyze and assess marital and family behavior.Describe ways of modifying marital and family systems using both educational/enrichment approaches and therapy approaches

## Relationships

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
471

**Teaching Area**
SFL

**Course Title**
Philosophies of Family Work and Relationships

**Course Description**
Changes in household labor across time, current issues around gender and household labor, and philosophical perspectives of family work and family relationships.

**Department**
Family Life

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 160 or concurrent enrollment

| Title | Tags |
|---|---|
| Content and Theory | 182039, 1 |

**Learning Outcome**
Understand and synthesize the historical evolution of family work and the roots of home management.
Demonstrate knowledge of the core assumptions of current

| Title | Tags |
| --- | --- |
| Research and Evaluation Methodologies | 182308, 1 |

**Learning Outcome**
Interview and evaluate couples and families.Use appropriately self-report measures.Observe marital and family behavior in meaningful ways.Set intervention goals based on observation and assessment.

| Title | Tags |
| --- | --- |
| Research and Evaluation Methodologies | 182315, 1 |

**Learning Outcome**
Interview and evaluate couples and families.Use appropriately self-report measures.Observe marital and family behavior in meaningful ways.Set intervention goals based on observation and assessment.

| Title | Tags |
| --- | --- |
| Effective Writing and Analysis | 182348, 2 |

**Learning Outcome**
Write reports describing interpersonal dynamics.

| Title | Tags |
| --- | --- |
| Effective Writing and Analysis | 182368, 2 |

**Learning Outcome**
Write reports describing interpersonal dynamics.

theoretical and research perspectives on family work.
Analyze gendered perspectives on men's and women's "unique" contributions to family life.
Communicate ideas clearly and engage in critical thinking as you write essays, take quizzes, and take exams.
Critique and think more clearly about your own family work paradigms.

## SFL 472 - Temporal Welfare in Families

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 472 |

**Teaching Area**
SFL
**Course Title**
Temporal Welfare in Families
**Course Description**
Assumptions, philosophy, and theory accounting for resource allocation, use, and meaning in families.
**Department**
Family Life

## SFL 476 - Secondary Student Teaching - Consumer Science

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SFL | 476 |

**Teaching Area**
SFL
**Course Title**
Secondary Student Teaching - Consumer Science
**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 160 or concurrent enrollment

| Title | Tags |
|---|---|
| Content and Learning | 182339, 0 |

**Learning Outcome**
Critically apply knowledge of principles of provident living as methods of economy in the creation of home as a sacred center for family life.Critically apply knowledge of principles of provident living as methods of economy in treating practical human needs as opportunity for moral and temporal growth in family members.Critically apply knowledge of principles of provident living as methods of economy in helping to establish a vital community.

**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
12

**Fixed**
12

| Other Prerequisites | Recommended |
|---|---|
| Prior application; requires a major GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance. | All core and education classes |

| Title | Tags |
|---|---|
| Instructional Practice | 182399, 2 |

**Learning Outcome**
Candidates utilize content knowledge, assess to inform instruction, plan instruction based upon Core Curriculum standards, and implement instructional strategies that engage students and promote content understanding.

| Title | Tags |
|---|---|
| Professional Responsibility | 182400, 3 |

**Learning Outcome**
Candidates continually reflect on and evaluate their teaching practices, actively seek opportunities to grow professionally, engage in ethical behavior, and collaborate with stakeholders (students, parents, and other professionals in the learning community).

| Title | Tags |
|---|---|
| SFL 476R - Student Teaching-Family and Consumer Sciences | 182401, 1 |

**Learning Outcome**
Upon completion of the Family and Consumer Sciences Program, teacher candidates meet the needs of secondary students through competencies related to Utah Affected Teaching Standards. Program outcomes include:
Learner and Learning: Candidates understand how students learn and develop, recognize individual and cultural

diversity, and design learning environments that create positive classroom climates.

**Title**
Utah Effective Teaching Standards

**Tags**
182402, 0, 4

**Learning Outcome**
Candidates will demonstrate basic competency in the Utah Effective Teaching Standards as assessed by the Performance Assessment and Evaluation System (PAES)

## SFL 487 - Advanced Sewing Studies: Construction

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
487

**Teaching Area**
SFL

**Course Title**
Advanced Sewing Studies: Construction

**Course Description**
Three-dimensional fitting of apparel and advanced garment sewing and construction techniques.

**Department**
Family Life

**When Taught**
Fall; Spring.

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
3.5

**Other Prerequisites**
SFL 287 or equivalent sewing skills.

**Fee**
30

## SFL 488R - Home-Based Entrepreneurs

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
488R

**Teaching Area**
SFL

**Course Title**
Home-Based Entrepreneurs

**Course Description**
Exploration of home-based business tools and practical application of entrepreneurs including; writing branded content for social media, search engine optimization, logistic management, wholesaling and manufacturing options, securing funding and accounting applications as well as legal and ethical requirements of owning your own business.\n

**Department**
Family Life

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Note**
Fee.

| Title | Tags |
| --- | --- |
| Fit of Garment | 182311, 0 |

**Learning Outcome**
Apply the four aspects of fit to create correct fit in the basic garment

| Title | Learning Outcome |
| --- | --- |
| Correct Terminology | Demonstrate following proper procedures while applying correct advanced terminologies |

| Title | Learning Outcome |
| --- | --- |
| Sewing Techniques | Create a new range of independent sewing techniques and style details and execute them |

## SFL 489 - The Family and Public Policy

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
489
**Teaching Area**
SFL
**Course Title**
The Family and Public Policy
**Course Description**
Investigation of public policy processes related to legislation and laws affecting home economics/home and family life. Funding and grantsmanship.
**Department**
Family Life
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## SFL 490 - Advanced Issues in Human Development

### Course Information

**Teaching Area (new)**
SFL
**Course Number**
490
**Teaching Area**
SFL
**Course Title**
Advanced Issues in Human Development
**Course Description**
Evaluation of research on physical, mental, emotional, and social development.
**Department**
Family Life
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 160 or concurrent enrollment

| Title | Tags |
| --- | --- |
| Family Studies Content and Theory | 182040, 1 |

**Learning Outcome**
Demonstrate an understanding of why we are called to be aware and involved as "responsible citizens" (and "officers of government") to "strengthen the family as the fundamental unit of society."

| Title | Tags |
| --- | --- |
| Family Studies Content and Theory | 182041, 2 |

**Learning Outcome**
Demonstrate an in depth understanding of how law and public policy strive-and struggle-to help couples form and sustain healthy marriages and reduce divorce.

| Title | Tags |
| --- | --- |
| Family Studies Content and Theory | 182042, 3 |

**Learning Outcome**
Demonstrate a broader, general understanding of other family related policy and legislation designed to strengthen family life and children's development.

| Title | Tags |
| --- | --- |
| Family Studies Content and Theory | 182043, 4 |

**Learning Outcome**
Utilize experience gained in the

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SFL 101 - Introduction to School of Family Life
  **AND** SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
SFL 210 or concurrent enrollment

| Title | Tags |
| --- | --- |
| Content and Theory | 182064, 1 |

**Learning Outcome**
Critically evaluate issues related to studying developmental processes as well as study and practice critical thinking skills.
Critically synthesize information learned from previous human development courses by examining how biological (e.g., temperament) and environmental (e.g., parents and peers) processes interact to shape development.
Demonstrate how to examine current issues in human development developmentally.
Critically synthesize the information, skills, and abilities learned in the first three units in an examination of the period of development recently termed "emerging adulthood" (ages 18-27).

class in preparing to influence family policy bypreparing a legislative testimony or similar document on a chosen topic.

**Title**
Family Studies Content and Theory

**Tags**
182044, 5

**Learning Outcome**
Become involved in an effort to promote (or oppose) some legal or public policy initiative in an attempt to "strengthen the family as the fundamental unit of society".

## SFL 496R - Academic Internship: Family and Consumer Sciences Education

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
496R

**Teaching Area**
SFL

**Course Title**
Academic Internship: Family and Consumer Sciences Education

**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**Department**
Family Life

**When Taught**
Fall

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Prior application; requires a total GPA of 3.00, at least a C grade in all major courses; FBI fingerprint and background clearance

**Note**
An APPROVED Internship Application is required before adding.

## SFL 498 - Family Life Education: Integrating Theory, Research, and Practice

### Course Information

**Teaching Area (new)**
SFL

**Course Number**
498

**Teaching Area**
SFL

**Course Title**
Family Life Education: Integrating Theory, Research, and Practice

**Course Description**
Integrating theory, research, and practice. Developing competencies to design, implement, and evaluate family life education programs. Preparing to work preventively with couples, parents, and families in areas such as marriage preparation, marriage enhancement, and parenting.

**Department**
Family Life

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SFL 290 - Critical Inquiry and Research Methods
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
Senior standing; instructor's consent.

| Title | Tags |
| --- | --- |
| Effective Writing and Analysis | 182342, 2 |

**Learning Outcome**
Design a family life education program using scholarly literature and best practices.

| Title | Tags |
| --- | --- |
| Family Studies Content and Theory | 182486, 0 |

**Learning Outcome**
Develop and articulate a personal philosophy of family life education.
Be able to apply a framework for the development of family life education programs.
Learn principles and practices for teaching about family life in a variety of traditional and contemporary venues, including workshop and self-directed approaches.
Practice workshop teaching and receive peer, clientele, and instructor feedback.
Be able to utilize principles and practices for reaching diverse audiences.
Be able to utilize principles and strategies for multiplying their reach through collaborative partnerships and social marketing.

| Title | Tags |
| --- | --- |
| Research and Evaluation Methodologies | 182487, 1 |

**Learning Outcome**
Be able to utilize a variety of approaches to evaluating family life education programs.
Critically evaluate the quality of several examples of family life

education programs.

## SGAW 330 - Advanced Language Proficiency Through Cultural Studies: S'gaw Karen

### Course Information

**Course Number**
330
**Teaching Area**
SGAW
**Course Title**
Advanced Language Proficiency Through Cultural Studies: S'gaw Karen
**Course Description**
Study of the S'gaw Karen culture using interpersonal, presentational, and interpretive skills.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Fixed**
3

#### Lecture Hours

**Fixed**
3

**Note**
Entry course for S'gaw Karen-speaking returned missionaries

| Title | Tags |
| --- | --- |
| Communication Skills | 214418, 0, 1, 2023-08-29 12:25:02 |

**Learning Outcome**
In both written and spoken S'gaw Karen, communicate accurately with well-educated members of the S'gaw Karen culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 214419, 0, 2, 2023-08-29 12:25:03 |

**Learning Outcome**
Demonstrate understanding of detailed written and verbal instructions. Demonstrate comprehension of historical passages, newspaper and magazine articles, and broadcast news reports that well educated native speakers encounter

## SLAT 577 - Methods of Teaching Foreign Languages

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SLAT | 577 |

**Teaching Area**
SLAT
**Course Title**
Methods of Teaching Foreign Languages
**Course Description**
Methods for teaching foreign languages. Topics include curriculum/lesson planning, teaching in the foreign language, contextualized approaches for teaching grammar and vocabulary, assessing language learning.
**Department**
Language Studies
**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Admission to SLaT MA program or permission of instructor.

routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 214420, 0, 3, 2023-08-29 12:25:05 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the S'gaw Karen culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 214421, 0, 4, 2023-08-29 12:25:07 |

**Learning Outcome**
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements

## SLN 100 - Language Study: Slovene

### Course Information

**Teaching Area (new)**
SLN
**Course Number**
100
**Teaching Area**
SLN
**Course Title**
Language Study: Slovene
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Slovene.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**

## SLN 101 - First-Year Slovene

### Course Information

**Teaching Area (new)**
SLN
**Course Number**
101
**Teaching Area**
SLN
**Course Title**
First-Year Slovene
**Course Description**
Beginning speaking, listening, reading, and writing skills in Slovene.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 197263, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197264, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197265, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

### Lab Hours

Fixed
1

Note
Credit by examination only.

| Title | Tags |
| --- | --- |
| Comprehension | 193259, 2 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 193268, 1 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 193276, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 194898, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## SLN 102 - First-Year Slovene

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SLN | 102 |

Teaching Area
SLN
Course Title
First-Year Slovene
Course Description

## SLN 201 - Second-Year Slovene

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SLN | 201 |

Teaching Area
SLN
Course Title
Second-Year Slovene
Course Description

Second-semester speaking, listening, reading, and writing skills in Slovene.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SLN 101 - First-Year Slovene

**Additional Comments:**

**Note**
Credit by examination only. Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Speaking | 193293, 1 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Comprehension | 193301, 2 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

Intermediate speaking, listening, reading, and writing skills in Slovene.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SLN 102 - First-Year Slovene

**Additional Comments:**

**Note**
Credit by examination only. Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Vocabulary | 193327, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Elaboration | 193336, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
| --- | --- |
| Writing | 193310, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193319, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Grammar | 193345, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 194899, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## SLN 202 - Second-Year Language Study: Slovene

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SLN | 202 |

**Teaching Area**
SLN
**Course Title**
Second-Year Language Study: Slovene
**Course Description**
Continued emphasis on Slovene communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**

## SLN 211R - Second-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SLN | 211R |

**Teaching Area**
SLN
**Course Title**
Second-Year Conversation
**Course Description**
Intermediate listening comprehension and speaking skills in Slovene.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SLN 201 - Second-Year Slovene

**Additional Comments:**

**Note**
Credit by examination only. Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Conversations | 193364, 1 |

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SLN 201 - Second-Year Slovene

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197259, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197260, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197261, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197262, 4 |

**Learning Outcome**
Complete Languages of Learning

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

| Title | Tags |
|---|---|
| Survival Transactions | 193373, 2 |

**Learning Outcome**
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

| Title | Tags |
|---|---|
| Pronunciation and Accuracy | 194900, 3 |

**Learning Outcome**
Be understood by native speakers accustomed to dealing with non-native speakers.

and Global & Cultural Awareness
for General Education.

## SLN 305 - Language Skills Development: Slovene

### Course Information

**Teaching Area (new)**
SLN

**Course Number**
305

**Teaching Area**
SLN

**Course Title**
Language Skills Development: Slovene

**Course Description**
Increasing proficiency in one or more of the following Slovene language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197256, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197257, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

## SLN 321 - Advanced Grammar: Slovene

### Course Information

**Teaching Area (new)**
SLN

**Course Number**
321

**Teaching Area**
SLN

**Course Title**
Advanced Grammar: Slovene

**Course Description**
Systematic review of grammar and syntax of Slovene.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SLN 202 - Second-Year Language Study: Slovene

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197253, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197258, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

| Title | Tags |
| --- | --- |
| Apply | 197254, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197255, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## SLN 330 - Advanced Language Proficiency Through Cultural Studies: Slovene

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SLN | 330 |

**Teaching Area**
SLN
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Slovene
**Course Description**
Study of Slovene culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## SLN 340 - Introduction to Literature: Slovene

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SLN | 340 |

**Teaching Area**
SLN
**Course Title**
Introduction to Literature: Slovene
**Course Description**
Advanced study of Slovene literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Sln 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 193083, 0 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 193163, 1 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 193195, 2 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education | 197252, 3 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## SLN 350 - Advanced Language Study for Career Purposes: Slovene

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SLN 330 - Advanced Language Proficiency Through Cultural Studies: Slovene

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197248, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197249, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197250, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197251, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## SLOVK 100 - Language Study: Slovak

## Course Information

**Teaching Area (new)**
SLN

**Course Number**
350

**Teaching Area**
SLN

**Course Title**
Advanced Language Study for Career Purposes: Slovene

**Course Description**
Concentration on Slovene language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SLN 330 - Advanced Language Proficiency Through Cultural Studies: Slovene

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197243, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197244, 2 |

## Course Information

**Teaching Area (new)**
SLOVK

**Course Number**
100

**Teaching Area**
SLOVK

**Course Title**
Language Study: Slovak

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Slovak.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 197240, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 197241, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 197242, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197245, 3 |

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197246, 4 |

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197247, 5 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## SLOVK 101 - First-Year Language Study: Slovak

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SLOVK | 101 |

**Teaching Area**
SLOVK
**Course Title**
First-Year Language Study: Slovak
**Course Description**
Beginning speaking, listening, reading, and writing skills in Slovak.
**Department**
Language Studies
**When Taught**
Contact Department

## SLOVK 102 - First-Year Language Study: Slovak

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SLOVK | 102 |

**Teaching Area**
SLOVK
**Course Title**
First-Year Language Study: Slovak
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Slovak.
**Department**
Language Studies
**When Taught**

Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 197236, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197237, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197238, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197239, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SLOVK 101 - First-Year Language Study: Slovak

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 197232, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197233, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197234, 3 |

**Learning Outcome**
In the target language, write short, simple messages

consisting of structurally-accurate sentences on familiar topics.

**Title**
Culture

**Tags**
197235, 4

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## SLOVK 201 - Second-Year Language Study: Slovak

### Course Information

**Teaching Area (new)**
SLOVK

**Course Number**
201

**Teaching Area**
SLOVK

**Course Title**
Second-Year Language Study: Slovak

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Slovak.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SLOVK 102 - First-Year Language Study: Slovak

## SLOVK 202 - Second-Year Language Study: Slovak

### Course Information

**Teaching Area (new)**
SLOVK

**Course Number**
202

**Teaching Area**
SLOVK

**Course Title**
Second-Year Language Study: Slovak

**Course Description**
Continued emphasis on Slovak communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Elaboration | 197228, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
| --- | --- |
| Vocabulary | 197229, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 197230, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 197231, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

- SLOVK 201 - Second-Year Language Study: Slovak

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
| --- | --- |
| Communication Skills | 197224, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 197225, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197226, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197227, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## SLOVK 305 - Language Skills Development: Slovak

### Course Information

**Teaching Area (new)**
SLOVK

**Course Number**
305

**Teaching Area**
SLOVK

**Course Title**
Language Skills Development: Slovak

**Course Description**
Increasing proficiency in one or more of the following Slovak language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197221, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 197222, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 197223, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native

## SLOVK 321 - Advanced Grammar: Slovak

### Course Information

**Teaching Area (new)**
SLOVK

**Course Number**
321

**Teaching Area**
SLOVK

**Course Title**
Advanced Grammar: Slovak

**Course Description**
Systematic review of grammar and syntax of Slovak.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SLOVK 202 - Second-Year Language Study: Slovak

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 197218, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 197219, 2 |

**Learning Outcome**

when dealing with native speakers associated with the special purpose.

Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197220, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## SLOVK 330 - Advanced Language Proficiency Through Cultural Studies: Slovak

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SLOVK | 330 |

**Teaching Area**
SLOVK
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Slovak
**Course Description**
Study of Slovak culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Slovk 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent

## SLOVK 340 - Introduction to Literature: Slovak

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SLOVK | 340 |

**Teaching Area**
SLOVK
**Course Title**
Introduction to Literature: Slovak
**Course Description**
Advanced study of Slovak literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197214, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197215, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197216, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197217, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

Prerequisites

**Complete ALL of the following Courses:**

- SLOVK 330 - Advanced Language Proficiency Through Cultural Studies: Slovak

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197210, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197211, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197212, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197213, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## SLOVK 350 - Advanced Language Study for Career Purposes: Slovak

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SLOVK | 350 |

## SOC 111 - Introductory Sociology

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SOC | 111 |

**Teaching Area**
SOC

**Teaching Area**
SLOVK
**Course Title**
Advanced Language Study for Career Purposes: Slovak
**Course Description**
Concentration on Slovak language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SLOVK 330 - Advanced Language Proficiency Through Cultural Studies: Slovak

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197205, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197206, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with

SOC
**Course Title**
Introductory Sociology
**Course Description**
Social group influence; social interaction, processes, organization, and change; family, religion, government, population, culture, race relations.
**Department**
Sociology
**When Taught**
Fall; Winter; Spring; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197207, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197208, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197209, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## SOC 112 - Current Social Problems

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
112

**Teaching Area**
SOC

**Course Title**
Current Social Problems

**Course Description**
Individual deviance (violence, insanity, drugs, sex, crime, etc.) and social disorganization (poverty, race and sex discrimination, divorce, overpopulation, etc.). Conditions, causes, solutions.

**Department**
Sociology

**When Taught**
Fall; Winter; Summer.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

## SOC 113 - Multicultural America

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
113

**Teaching Area**
SOC

**Course Title**
Multicultural America

**Course Description**
Diverse cultural heritages in the United States. Cultures studied scientifically will include African American, Hispanic, Asian American, and Native American.

**Department**
Sociology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## SOC 200 - Professional Development in Sociology: Crafting Careers and Marketable Skills

### Course Information

**Course Number**
200

**Teaching Area**
SOC

**Course Title**
Professional Development in Sociology: Crafting Careers and Marketable Skills

**Course Description**
This course fosters career readiness for sociology majors. Students will explore professional paths, plan their personal development in the

## SOC 222 - (Soc-WS) Introduction to Global Women's Studies

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
222

**Teaching Area**
SOC

**Course Title**
(Soc-WS) Introduction to Global Women's Studies

**Course Description**
An introduction to the most important issues affecting women's lives and to contributions made by women both nationally and internationally. The course will include historical, sociological, psychological, theological, legal, and/or cultural, and other

major, network, and develop resume-building and interview skills for sociology-related careers and graduate programs.

**Department**
Sociology

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| | |
|---|---|
| **Title**<br>Sociological Perspective | **Learning Outcome**<br>Graduates will demonstrate how to apply sociological perspectives. This course will have a particular focus on the application of a sociological perspective in real world settings. Additional, students will learn how apply their learning toward professional goals. |

| | |
|---|---|
| **Title**<br>Improved Communication and Presentation Skills | **Learning Outcome**<br>Students will develop effective communication and presentation skills. Specifically, students will learn how to communicate their skillsets and professional goals to diverse audiences, including both academic and non-academic stakeholders, through written reports, presentations, and engaging public discussions. |

| | |
|---|---|
| **Title** | **Learning Outcome**<br>Students will gain a broader understanding of sociology's role in interdisciplinary contexts. They will be able to apply sociological concepts and theories to real-world issues and engage in collaborative discussions with professionals from diverse fields, fostering a holistic and well-rounded |

approaches.

**Department**
Sociology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | |
|---|---|
| Cultivated Interdisciplinary Perspectives | holistic and well-rounded perspective on social phenomena. |

## SOC 300 - Methods of Research in Sociology

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
300

**Teaching Area**
SOC

**Course Title**
Methods of Research in Sociology

**Course Description**
Tools of social research; survey, experimentation, content analysis, secondary analysis, qualitative research, evaluation research, data processing and analysis, and report writing.

**Department**
Sociology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Soc 111 or 112 or 113.

## SOC 301 - Applied Social Research Methods

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
301

**Teaching Area**
SOC

**Course Title**
Applied Social Research Methods

**Course Description**
Research methods training for conducting research in applied settings using social research methods such as needs assessments, social impact analysis, and program evaluations.

**Department**
Sociology

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 300 - Methods of Research in Sociology
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

| Title | |
|---|---|
| Ability to Estimate and Interpret Statistics | Tags<br>185777, 1 |

**Learning Outcome**

Graduates are able to estimate and interpret univariate and bivariate statistics and generalize their meaning to the appropriate population.

**Title**
Analyze Data and Summarize Findings

**Tags**
185783, 3

**Learning Outcome**

Graduates have the necessary skills to analyze data and summarize findings including a. basic familiarity with spreadsheet programs and statistical packages, b. the analytic process of comparing across categories, c. how to chart historical trends, and d. how to summarize findings for written or oral presentation.

**Title**
Know How to Code and Interpret Qualitative Data

**Tags**
185789, 2

**Learning Outcome**

Graduates know how to code and interpret qualitative data or how to code and prepare quantitative data for statistical analysis.

**Title**
Know and Understand the full range of Methodologies

**Tags**
185801, 0

**Learning Outcome**

Graduates know the full range of methodologies, the basic epistemological assumptions associated with each, the criteria for evaluating quality research, and how to select and implement the appropriate method to test a hypothesis or address a research question.

## SOC 302 - Research Proposal for Evaluation Research

### Course Information

Teaching Area (new) | Course Number

## SOC 307 - Data Analysis, Presentation, and Management

### Course Information

Teaching Area (new) | Course Number

SOC
302
**Teaching Area**
SOC
**Course Title**
Research Proposal for Evaluation Research
**Course Description**
Students will prepare a proposal, including literature review, research questions and research design. The proposal must then be approved by the organization, the professor, and IRB. Students must receive instructor approval to enroll.
**Department**
Sociology
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- IAS 220 - Introduction to Development Studies
  **AND** SOC 301 - Applied Social Research Methods

Prerequisites

**Complete ALL of the following Courses:**
- SOC 301 - Applied Social Research Methods
  **AND** SOC 340 - Sociology of International Development

**Additional Comments:**

**Other Prerequisites**
Consent of instructor required.

## SOC 310 - Social Inquiry

SOC
307
**Teaching Area**
SOC
**Course Title**
Data Analysis, Presentation, and Management
**Course Description**
Framing research questions, locating available data, using programs and statistical packages for univariate and bivariate analysis, presenting and summarizing findings.
**Department**
Sociology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 300 - Methods of Research in Sociology
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Other Prerequisites**
Major status

## SOC 311 - Contemporary Sociological

## Course Information

**Teaching Area (new)**
SOC

**Course Number**
310

**Teaching Area**
SOC

**Course Title**
Social Inquiry

**Course Description**
Basic ideas and arguments forming sociological inquiry, including philosophical foundations, philosophy of social science, and development of classical theory and contemporary theory.

**Department**
Sociology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- SOC 111 - Introductory Sociology

Prerequisites

**Complete ALL of the following Courses:**
- SOC 112 - Current Social Problems

Prerequisites

**Complete ALL of the following Courses:**
- SOC 113 - Multicultural America

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Sociological Inquiry | 185869, 1 |

# Theory

## Course Information

**Teaching Area (new)**
SOC

**Course Number**
311

**Teaching Area**
SOC

**Course Title**
Contemporary Sociological Theory

**Course Description**
Ideas, critiques, and arguments that form contemporary sociological inquiry.

**Department**
Sociology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 310 - Social Inquiry

**Additional Comments:**

| Learning Outcome |
| --- |
| Students will deepen understanding of the basic ideas and arguments that inform contemporary sociological inquiry, especially the philosophical foundations, some basic features of philosophy of social science, and the development of classical theory. |

| Title | Tags |
| --- | --- |
| Sociological Theory | 185870, 2 |

| Learning Outcome |
| --- |
| Students will become conversant with the conceptual and philosophical foundations of the major theoretical perspetives of sociology. |

| Title | Tags |
| --- | --- |
| Critical Assessment | 185871, 3 |

| Learning Outcome |
| --- |
| Students will be able to critically assess the strengths and weaknesses of each theoretical perspective. |

## SOC 318 - Adolescent Development in the Family and Other Social Contexts

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC | 318 |

**Teaching Area**
SOC
**Course Title**
Adolescent Development in the Family and Other Social Contexts
**Course Description**
Examining developmental and social contexts of adolescents, emphasizing the importance of the family. Other contexts include peers, religion, community, schools, and cross-cultural issues.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## SOC 321 - Sociology of Innovation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC | 321 |

**Teaching Area**
SOC
**Course Title**
Sociology of Innovation
**Course Description**
Investigates group, network, organizational, and institutional arrangements that foster creativity and innovation, and examines classical and contemporary theories of social change and collective behavior.
**Department**
Sociology
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Content and Theory | 182053, 1 |

**Learning Outcome**
Critically examine and discuss selected topics in adolescent development, as well as being able to apply the information and skills learned in this class to your own life.
Identify and discuss the major theories of adolescent development, as well as the various research methods used in the study of adolescent development.
Understand the important developmental changes that young people experience during this period and during their transition to adulthood.
Discuss why at-risk issues are so pronounced during this period and understand prevention and intervention measures that can be taken by families to help them cope with this transition.

| Title | Tags |
| --- | --- |
| Effective Writing and Analysis | 182068, 2 |

**Learning Outcome**
Synthesize (both in thought and writing) information on adolescent development, and apply this information to "real" adolescents with whom you come into contact.

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Theories and Methods | 185874, 1 |

**Learning Outcome**
Students will be conversant with the theories and methods associated with social science research on innovation. The major theories include micro-level theories of personality and cognitive processes; meso-level theories of group, network, and organizational innovation; and macro-level theories of diffusion and collective behavior.

| Title | Tags |
| --- | --- |
| Controversies and Debates | 185875, 2 |

**Learning Outcome**
Students will understand the major controversies and debates, new developments, emerging issues, and current trends in social sicnec research on innovation.

| Title | Tags |
| --- | --- |
| Critical Assessment | 185876, 3 |

**Learning Outcome**
Students will be able to critically assess the strengths and weaknesses of current social science theories and research on innovation. Students will analyze the elements of argument of various theoretical perspectives.

| Title | Tags |
| --- | --- |
| Critical Writing | 185878, 4 |

**Learning Outcome**
Students will prepare a research paper in which they formulate a research question, identify and analyze data, and report results,

as well as interpret their findings. Students will produce an original research paper that will address a real-world problem related to innovation.

## SOC 322 - Class Inequality

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
322

**Teaching Area**
SOC

**Course Title**
Class Inequality

**Course Description**
Causes and consequences of class, status, and power differences.

**Department**
Sociology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Social justice | 185393, 2 |

**Learning Outcome**
Participate in and evaluate organizations that are attempting to create greater social justice and form your own ideas about what can be done about inequality

| Title | Tags |
| --- | --- |
| Research | 185394, 4 |

**Learning Outcome**
Understand how sociologists do

## SOC 323 - Sociology of Race and Ethnicity

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
323

**Teaching Area**
SOC

**Course Title**
Sociology of Race and Ethnicity

**Course Description**
Social psychological and social structural analysis of racial and ethnic relations; prejudice, discrimination, responses, protests, current issues; immigration and racial formation.

**Department**
Sociology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Fulfills the GE Global and Cultural Awareness requirement.

research on inequality

| Title | Tags |
| --- | --- |
| Connections | 185395, 5 |

**Learning Outcome**
Learn to see the connection between sociological concepts and the inquality you observe in everyday life

| Title | Tags |
| --- | --- |
| Social Structure | 185782, 2 |

**Learning Outcome**
Understand how social structure contributes to inequality

| Title | Tags |
| --- | --- |
| Learning outcomes | 185804, 0 |

**Learning Outcome**
Become more aware of the social inequality around us,

| Title | Tags |
| --- | --- |
| Social Inequalities | 185805, 1 |

**Learning Outcome**
Become more aware of the social inequality around us,

## SOC 325 - Introduction to the Sociology of Religion

### Course Information

**Teaching Area (new)**
SOC
**Course Number**
325
**Teaching Area**
SOC
**Course Title**
Introduction to the Sociology of Religion
**Course Description**
Origin, growth, and organizational development of religious groups; church activity, conversion, secularization, religious change.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

## SOC 326 - Sociology of Education

### Course Information

**Teaching Area (new)**
SOC
**Course Number**
326
**Teaching Area**
SOC
**Course Title**
Sociology of Education
**Course Description**
Social origins of goals and curricula; theories of change and control; the nature of achievement in education.
**Department**
Sociology
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Understanding Sociology of Religion

Tags
185396, 1

Learning Outcome
Acquire a basic understanding of the major theories, concepts, and perspectives used by sociologists to study religion in the modern world.

Title
Understanding Scientific Study of Religion

Tags
185397, 2

Learning Outcome
Acquire a basic understanding of the issues and debates concerning the scientific study of religion and the use of sociological theories and methods for the study of religion.

Title
Critical Thinking about Religion

Tags
185398, 3

Learning Outcome
Develop the ability to think critically about the study of religion and the place of religion in modern life and society.

Title
Analysis and Writing

Tags
185399, 4

Learning Outcome
Develop the ability to analyze issues related to the study of religion and communicate the analysis in writing (i.e., forming and presenting an argument, using appropriate scholarly language, writing respectfully, etc.).

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## SOC 328 - Sociology of Sport

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
328

**Teaching Area**
SOC

**Course Title**
Sociology of Sport

**Course Description**
Analysis of the sociological aspects of sport and their relationship to politics, economics, stratification, education, and family. Focus on concepts, theory, and related research.

**Department**
Sociology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## SOC 329 - Medical Sociology

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
329

**Teaching Area**
SOC

**Course Title**
Medical Sociology

**Course Description**
Social epidemiology, the sick role, sociocultural definitions of and responses to illness, and the organization of medical-health delivery systems.

**Department**
Sociology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Understanding of social and structural factors

**Tags**
185411, 1

**Learning Outcome**
Students will gain awareness of the social and structural factors which influence health, healing, and illness. Particular emphasis is given to: (1) influenc eof the social environment on health and illness; (2) health and illness behavior; (3) health care prasctitioners and their relationships with patients; and (4) the health care system.
Students will be introduced to the literature and be conversant regarding the primary social and structural factors influencing health and illness.

| Title | Tags |
| --- | --- |
| Diversity and health factors | 185412, 2 |

**Learning Outcome**
Students will gain understanding and awareness of the gender and race and ethnic differences related to health and illness.

| Title | Tags |
| --- | --- |
| oral and written presentation | 185413, 3 |

**Learning Outcome**
Students will debate a current topic related to the sociology of medicine which will require them to be conversant with the debate and develop oral presentation skills. In addition, students will research and present in written form a medical phenomenon in sociological terms.

## SOC 330 - Cultural Sociology

### Course Information

**Teaching Area (new)**
SOC
**Course Number**
330
**Teaching Area**
SOC
**Course Title**
Cultural Sociology
**Course Description**
Recent theories and research in sociological approaches to meaning, including cultural systems and institutions, everyday life, symbolism, agency, power, texts, and globalization.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

## SOC 333 - (Soc-Nurs) End-of-Life Care

### Course Information

**Teaching Area (new)**
SOC
**Course Number**
333
**Teaching Area**
SOC
**Course Title**
(Soc-Nurs) End-of-Life Care
**Course Description**
End-of-life (EOL) care from spiritual, physical, and psychosocial perspectives. Comparisons from various cultural/ethnic backgrounds. Complexities of EOL care including impact on families, health care system, and society. Personal perspectives about death, dying, and bereavement.
**Department**
Sociology
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**

Fixed
3

### Lab Hours

Fixed
0

Title
Cultural sociology concepts, theories, and research methods

Tags
185414, 1

Learning Outcome

Students will learn concepts, theories, and research methods associated with cultural sociology, with an emphasis on current issues in the subfield.

Title
Bibliographic Search and Literature Review

Tags
185415, 2

Learning Outcome

Students will be introduced to doing a bibliographic search and a literature review.

Title
Analytic and Sytopical reading skills

Tags
185416, 3

Learning Outcome

Students will be introduced to analytic and syntopical reading skills.

Title
Career options

Tags
185417, 4

Learning Outcome

Students will learn about educational and career options related to sociology, with an emphasis on those related to cultural sociology.

Title
Career options

Tags
185773, 3

Learning Outcome
Students will learn about educational and career options related to sociology, with an emphasis on those related to

### Lab Hours

Fixed
0

cultural sociology.

| Title | Tags |
| --- | --- |
| Bibliographic Search and Literature Review | 185774, 1 |

**Learning Outcome**
Students will be introduced to doing a bibliographic search and a literature review.

## SOC 339 - Social Organization and Change

### Course Information

**Teaching Area (new)**
SOC
**Course Number**
339
**Teaching Area**
SOC
**Course Title**
Social Organization and Change
**Course Description**
Understanding processes of social organization, change, and development in contemporary society.
**Department**
Sociology
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
Soc 111 and 310

## SOC 340 - Sociology of International Development

### Course Information

**Teaching Area (new)**
SOC
**Course Number**
340
**Teaching Area**
SOC
**Course Title**
Sociology of International Development
**Course Description**
Paradigms of development and poverty; international, national, and grass roots approaches to promote development and reduce poverty; and application in developing nations.
**Department**
Sociology
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
Soc 111 or 112; IAS 220

| Title | Tags |
| --- | --- |
| Theory | 185418, 1 |

**Learning Outcome**
Become familiar with different

theories about development.

| Title | Tags |
| --- | --- |
| Social Institutions | 185419, 2 |

**Learning Outcome**
Understand the relationship between development and major social insitutions.

| Title | Tags |
| --- | --- |
| Organizations | 185420, 3 |

**Learning Outcome**
Learn about what different organizations are doing to promote beneficial development.

| Title | Tags |
| --- | --- |
| Apply | 185421, 4 |

**Learning Outcome**
Learn to apply what you have learned to a specific aspect of development.

| Title | Tags |
| --- | --- |
| Integrate | 185422, 5 |

**Learning Outcome**
Integrate what you have learned to develop your own approach to development.

## SOC 345 - World Populations

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
345

**Teaching Area**
SOC

**Course Title**
World Populations

**Course Description**
Fertility, mortality, and migration patterns of world populations as they relate to current social, economic, political, and religious issues.

**Department**
Sociology

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## SOC 350 - (Soc-Psych) Introduction to Social Psychology

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
350

**Teaching Area**
SOC

**Course Title**
(Soc-Psych) Introduction to Social Psychology

**Course Description**
Conformity and obedience; socialization, norms, roles; attitudes, leadership, group processes.

**Department**
Sociology

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

## SOC 360 - Introduction to Family Sociology

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
360

**Teaching Area**
SOC

**Course Title**
Introduction to Family Sociology

**Course Description**
Definitions of "family"; surveying the family as a context for sex, marriage, work, social reproduction, and violence in Western societies.

**Department**
Sociology

**When Taught**
Contact Department

## SOC 361 - Theoretical Foundations of Marriage and Family

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
361

**Teaching Area**
SOC

**Course Title**
Theoretical Foundations of Marriage and Family

**Course Description**
Comparative analysis of basic ideas and arguments for understanding marriage and family found in social science, social and political theory, law, and other forms of cultural discourse.

**Department**
Sociology

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title
Assessing Sociological Theories and Research

Tags
185423, 1

Learning Outcome
Be able to critically assess the strengths and weaknesses of current sociological and demographic theories and research related to family sociology.

Title
Understanding Diversity and Inequality

Tags
185424, 2

Learning Outcome
Recognize how race, class, and gender intersect with family life and be familiar with the current literature on families and inequality.

Title
Accessing, Reviewing, and Analyzing Current Literature

Tags
185425, 3

Learning Outcome
Be able to read current literature, synthesize main points across articles and develop an original thesis or argument in writing that is supported by the literature.

Title
Substantive Knowledge

Tags
185426, 4

Learning Outcome

When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Know the major controversies and debates, as well as demographic trends related to the family in the United States.

| Title | Tags |
| --- | --- |
| Application to Life | 185427, 5 |

**Learning Outcome**
Integrate current literature on family and determine family patterns for your personal future family.

## SOC 365 - Sociology of Aging

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC | 365 |

**Teaching Area**
SOC
**Course Title**
Sociology of Aging
**Course Description**
Demographic and social factors related to aging: agencies, serving older citizens, and role of community in solving problems of aged.
**Department**
Sociology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Required for students in gerontology minor and/or certificate programs.

## SOC 367 - Sociology of Gender

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC | 367 |

**Teaching Area**
SOC
**Course Title**
Sociology of Gender
**Course Description**
Gender in social institutions: family, social hierarchies, economics, education, organizations, religion, and science.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Conversant in Theory of Gender | 185897, 1 |

**Learning Outcome**

Students will become acquainted with the major theoretical

perspectives both sociological theories of gender, as well as other disciplinary perspectives.
Students will be able to evaluate gender through the lens of contrasting theoretical perspectives both in writing and in class discussions.

**Title**
Gender: Individual, Interactions, Institutions

**Tags**
185898, 2

**Learning Outcome**

Students will recognize how gender operates at the level of the individual, in social interaction, and in social institutions.
Students will be able to discuss how gender influences individual identity, social interactions, and social institutions.
This ability will be assessed by exams (breadth) and short paper assignments (depth).

**Title**
Application of Gendered Perspectives

**Tags**
185899, 3

**Learning Outcome**

Students will be able to apply gendered perspectives to everyday living. This will be developed in a class project to be presented orally.
Students will be able to apply gendered perpectives to their own lives. This will be assessed in short essay assignments and in small class discussion groups.

## SOC 370 - Urban Sociology

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
370

**Teaching Area**
SOC

**Course Title**
Urban Sociology

**Course Description**
Norms, social controls, and social processes in urban areas in both historical and contemporary perspectives.

## SOC 380 - Deviant Behavior and Social Control

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
380

**Teaching Area**
SOC

**Course Title**
Deviant Behavior and Social Control

**Course Description**
Theory and research related to deviance. Specific topics include

**Department**
Sociology
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

psychosis, addiction, violence, and rape, among others.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Basic Tenets of Deviance and Social Control

**Tags**
212160, 0, 1

**Learning Outcome**
Students will develop an understanding of how rulemaking, rule violation and rule enforcement are basics tenets of all human existence. This includes an understanding of informal and formal mechanisms of social control, and a broad understanding of deviance as a social construction, influenced by power, race, class, gender, time, and location.

**Title**
Sociological Perspective

**Tags**
212161, 0, 2

**Learning Outcome**
Students will demonstrate their understanding of basic deviant and criminological phenomena from a sociological perspective.

**Title**
Application

**Tags**
212162, 0, 3

**Learning Outcome**
Students will apply their knowledge to understanding and interpreting real-world events

| Title | Tags |
| --- | --- |
| Research and Writing | 212163, 0, 4 |

**Learning Outcome**
Students will improve their ability to develop ideas through research and writing

| Title | Tags |
| --- | --- |
| Empathy | 212164, 0, 5 |

**Learning Outcome**
Develop Christ-like empathy for individuals and groups who struggle in society and are regularly deviantized and marginalized

## SOC 383 - Juvenile Delinquency

### Course Information

**Teaching Area (new)**
SOC
**Course Number**
383
**Teaching Area**
SOC
**Course Title**
Juvenile Delinquency
**Course Description**
Lawlessness of children and adolescents: causation, treatment, prevention, and outlook.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## SOC 390R - Special Topics in Contemporary Sociology

### Course Information

**Teaching Area (new)**
SOC
**Course Number**
390R
**Teaching Area**
SOC
**Course Title**
Special Topics in Contemporary Sociology
**Course Description**
Course content varies from year to year.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

Instructor's consent

| Title | Tags |
| --- | --- |
| Social structures | 185436, 1 |

**Learning Outcome**
Students will be able to recognize the ways in which social structure and issues (government, family, education, health-care institutions, the media, etc.) have affected and affect women's lives.

| Title | Tags |
| --- | --- |
| Contributions | 185437, 2 |

**Learning Outcome**
Students will begin to gain an appreciation of the contributions of women throughout history and internationally.

| Title | Tags |
| --- | --- |
| Present | 185438, 3 |

**Learning Outcome**
Students will be able to perform and present research related to women's studies in oral, written, and/or multi-media formats.

| Title | Tags |
| --- | --- |
| Informed choices | 185439, 4 |

**Learning Outcome**
Students will be able to make informed choices about their own behavior, health, education, and employment decisions based on their understanding of the role gender plays in relationships and society.

| Title | Tags |
| --- | --- |
| Vocabulary | 185440, 5 |

**Learning Outcome**
Students will be able to define and use in speech and writing the critical vocabulary basic to the field of women's studies.

## SOC 399R - Academic Internship

### Course Information

Teaching Area (new) | Course Number

## SOC 404 - Qualitative Research Methods

### Course Information

Teaching Area (new) | Course Number

Teaching Area (new) | Course Number
SOC | 399R

**Teaching Area**
SOC

**Course Title**
Academic Internship

**Course Description**
Individualized work or volunteer experience in either a research setting or some kind of field placement with an organization.

**Department**
Sociology

**When Taught**
Fall, Winter, Spring

## Credit Hours

**Min**
1

**Fixed**
6

## Lecture Hours

**Fixed**
0

## Lab Hours

**Fixed**
0

**Other Prerequisites**
Consent of instructor required.

**Recommended**
Soc 307 and related 300-level courses

**Note**
An APPROVED Internship Application is required before adding. https://link.byu.edu/INTERN01

| Title | Tags |
|---|---|
| Lifelong practice | 185441, 1 |

**Learning Outcome**
Establish a lifelong practice of making connections and creating a network of people that will help the student develop professionally

| Title | Tags |
|---|---|
| Professionalism | 185442, 2 |

**Learning Outcome**
Develop a professional sense of the work that will help the students identify personal learning outcomes for the semester

| Title | Tags |
|---|---|

Teaching Area (new) | Course Number
SOC | 404

**Teaching Area**
SOC

**Course Title**
Qualitative Research Methods

**Course Description**
Purposes, methods, and limitations of qualitative research. Includes participant observation and hermeneutics skills.

**Department**
Sociology

**When Taught**
Fall and Winter

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

| Title | Tags |
|---|---|
| Qualitative Research Epistemology | 185446, 1 |

**Learning Outcome**
Students will be able to explain the epistemological assumptions of qualitative research methods, how to select the appropriate qualitative research method to address a research question, and the criteria for evaluating qualitative research methods.

| Title | Tags |
|---|---|
| Qualitative Research Methods: | |

| Title | Tags |
| --- | --- |
| Interactive service work | 185443, 3 |

**Learning Outcome**
Learn about what sociologists call "interactive service work" or jobs that require working with individuals

| Title | Tags |
| --- | --- |
| Organizational analysis | 185444, 4 |

**Learning Outcome**
Produce a professional analysis of the organization where the student works

| Title | Tags |
| --- | --- |
| Research project | 185445, 5 |

**Learning Outcome**
Complete a research project that addresses some need in the organization for which the student is working

| Title | Tags |
| --- | --- |
| Design and Data Collection | 185447, 2 |

**Learning Outcome**
Students will be able to design and conduct an in-depth interview study, an oral history interview study, a focus group study, an ethnography, a qualitative content analysis study, a qualitative case study, and a mixed-method study.

| Title | Tags |
| --- | --- |
| Qualitative Research Methods: Analysis | 185448, 3 |

**Learning Outcome**
Students will be able to code and interpret qualitative data. (This may include the use of qualitative data analysis software.)

| Title | Tags |
| --- | --- |
| Writing and Representation of Qualitative Research | 185449, 4 |

**Learning Outcome**
Students will be able to write a qualitative methods and findings section, as for a qualitative research article.

| Title | Tags |
| --- | --- |
| Educational and Career Planning | 185450, 5 |

**Learning Outcome**
Students will be able to connect what they are learning in the sociology program and/or classes with educational and career options.

## SOC 405 - Multiple Regression Analysis and Social Science Computing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC | 405 |

**Teaching Area**
SOC
**Course Title**
Multiple Regression Analysis and Social Science Computing
**Course Description**
Data analysis and computer use in sociology; least squares and logistic regression techniques; SPSS and its use in conducting data analysis. Research report required.

## SOC 420 - Understanding Modern Societies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC | 420 |

**Teaching Area**
SOC
**Course Title**
Understanding Modern Societies
**Course Description**
Comparative-historical theory and research on the political, economic, social, and cultural processes in the formation, social organization, and future prospects of modern societies.
**Department**

Research report required.

**Department**
Sociology
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management

**Additional Comments:**

| Title | Tags |
|---|---|
| Learning Outcomes | 185451, 1 |

**Learning Outcome**

Students will be able to read and understand social scientific journal articles
Students will be able to inspect and transform data in preparation for testing a regression model.
Students will know the assumptions of regression analysis.
Students will be able to test regression models. Students will know how to present their findings both written an orally.

## SOC 421 - Sociology of Organizations

Sociology
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

**Recommended**
Soc 404 or 405 or concurrent enrollment

## SOC 422 - Inequality and Society

## Course Information

**Teaching Area (new)**
SOC

**Course Number**
421

**Teaching Area**
SOC

**Course Title**
Sociology of Organizations

**Course Description**
Examines organizational arrangements that maximize performance, innovation, and well-being; effective ways to develop social networks; diverse organizational forms like strategic alliances, multinational corporations, and NGOs.

**Department**
Sociology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

**Recommended**
Soc 404 or 405 or concurrent enrollment

## Course Information

**Teaching Area (new)**
SOC

**Course Number**
422

**Teaching Area**
SOC

**Course Title**
Inequality and Society

**Course Description**
Distribution of economic and social resources (financial, status, prestige, power, and authority) as they relate to life changes, lifestyle, and social justice.

**Department**
Sociology

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

**Recommended**
Soc 404 or 405 or concurrent enrollment

| Title | Tags |
|---|---|
| Empathy | 185452, 1 |

**Learning Outcome**
Develop Christ-like empathy for individuals and groups who struggle in society and find ways to extend compassion

| Title | Tags |
|---|---|
| Inequality literature | 185453, 2 |

**Learning Outcome**
know the origins and developments of inequality literature; understand origins of inequality and contemporary arguments grounded in qualitative and quantitative evidence; understand limitations of data collection

**Title**
Nature vs. nurture

**Tags**
185454, 3

**Learning Outcome**
Be conversant in the nature vs. nurture argument using the history of the IQ test to outline the development of dognitive skill debate.

## SOC 423 - Sociology of Immigration

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
423

**Teaching Area**
SOC

**Course Title**
Sociology of Immigration

**Course Description**
How international migration has shaped social relations at the sub-national, national, and international levels. Examination of causes and effects of international migration from macro-, meso-, and micro-level perspectives to better understand the impacts and experience of international migration on those who leave, those who receive, and those who stay behind. Issues include citizenship, membership, and belonging.

**Department**
Sociology

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

**Other Prerequisites**
Sociology major only or instructor permission.

**Recommended**
SOC 323, and either SOC 404 or SOC 405.

## SOC 424 - Political Sociology

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
424

**Teaching Area**
SOC

**Course Title**
Political Sociology

**Course Description**
Analysis of power and decision-making, political institutions, grass root politics, stratification, and political activity, social movements and revolutions, science/religion and politics. Writing intensive.

**Department**
Sociology

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

**Recommended**
Soc 404 or 405 or concurrent enrollment

## SOC 425 - Markets and Society

## SOC 426 - Sociology of Work and

## Course Information

**Teaching Area (new)**
SOC

**Course Number**
425

**Teaching Area**
SOC

**Course Title**
Markets and Society

**Course Description**
Economic sociology exploring social dynamics of market behavior from an interdisciplinary perspective; topics include social factors related to value, price, and price volatility.

**Department**
Sociology

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

**Recommended**
Soc 404 or 405 or concurrent enrollment

| Title | Tags |
|---|---|
| Sociological perspective | 185852, 2 |

**Learning Outcome**
Students will demonstrate their understanding of basic economic phenomena from a sociological perspective.

| Title | Tags |
|---|---|

## Occupations

## Course Information

**Teaching Area (new)**
SOC

**Course Number**
426

**Teaching Area**
SOC

**Course Title**
Sociology of Work and Occupations

**Course Description**
Distinction between work and occupation, changes in the nature of work and labor force, impacts of work, mobility in work life, and occupational attainment.

**Department**
Sociology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

**Recommended**
Soc 404 or 405 or concurrent enrollment

| | |
|---|---|
| Application | 185853, 3 |

**Learning Outcome**
Students will apply their knowledge to understanding and interpreting real-world events.

| Title | Tags |
|---|---|
| Research and writing | 185854, 4 |

**Learning Outcome**
Students will improve their ability to develop ideas through research and writing.

| Title | Tags |
|---|---|
| Basic tenets of economic sociology | 185935, 1 |

**Learning Outcome**
Students will develop an understanding of the field of economic sociology.

## SOC 450 - The Family and Social Change

### Course Information

**Teaching Area (new)**
SOC
**Course Number**
450
**Teaching Area**
SOC
**Course Title**
The Family and Social Change
**Course Description**
Changing patterns of family-related behaviors, functions, and forms. Demographic, economic, and ideological forces shaping the family.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## SOC 455R - Senior Capstone Part 1

### Course Information

**Teaching Area (new)**
SOC
**Course Number**
455R
**Teaching Area**
SOC
**Course Title**
Senior Capstone Part 1
**Course Description**
This is the first semester of a two-semester capstone with advanced substantive material and the integration and application of concepts and skills from earlier courses to produce a professional research paper.
**Department**
Sociology
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

**Recommended**
Soc 404 or 405 or concurrent enrollment

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

**Note**
Fulfills GE Advanced Writing and Oral Communication credit if both Soc 455R and Soc 456R are completed.

**Title**
Accessing, reviewing, and analyzing: Capstone Experience

**Tags**
185900, 1

**Learning Outcome**
Students will be able to:

Conduct electronic bibliographic searches and determine the quality of the research they find.
Demonstrate their knowledge of substantive areas, theory, and research methodologies by developing an original sociological argument in writing (e.g. literature review, research proposal, theoretical analysis, etc.)
Write a research paper in which they formulate a research question, identify data to answer their question, and review the literature.

**Title**
Integrating life goals and professional and career interests

**Tags**
185901, 2

**Learning Outcome**
Students wil be able to:

Integrate the knowledge and skills learned in the sociology program with their career interests by translating their skills into a resume.
Develop an original research product that can be submitted as a writing sample to graduate schools, or to employers based on their educational and career goals.

## SOC 456R - Senior Capstone Part 2

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
456R

**Teaching Area**
SOC

**Course Title**
Senior Capstone Part 2

**Course Description**
This is the second semester of a two-semester capstone with advanced substantive material and the integration and application of concepts and skills from earlier courses to produce a professional research paper.

**Department**
Sociology

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 455R - Senior Capstone Part 1

**Additional Comments:**

**Note**
\tFulfills GE Advanced Writing and Oral Communication credit if both Soc 455R and Soc 456R are completed.

**Title**
Original Research: Capstone Experience

**Tags**
185916, 1

**Learning Outcome**
Based on the model developed in Soc 455R, students wil be able to:

## SOC 460 - Issues in Family Sociology

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
460

**Teaching Area**
SOC

**Course Title**
Issues in Family Sociology

**Course Description**
Advanced sociological analysis of current issues relating to the family (e.g., theory, methodology, parenting, marriage, divorce, family crises, race, gender, etc.).

**Department**
Sociology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

**Recommended**
Soc 404 or 405 or concurrent enrollment

Download data and recode variables for regression analysis
Use statistical techniques to test hypotheses and analyze the model they derived from the literature
Construct tables presenting research findings
Present findings in manuscript form, as well as in an oral poster presentation

## SOC 481 - Crime, Justice, and Corrections

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
481

**Teaching Area**
SOC

**Course Title**
Crime, Justice, and Corrections

**Course Description**
Nature and extent of criminal behavior; current theory and research related to causes of crime and treatment of criminals.

**Department**
Sociology

**When Taught**
Winter

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

**Additional Comments:**

**Recommended**
Soc 404 or 405 or concurrent enrollment

## SOC 490R - Special Topics in Sociology

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
490R

**Teaching Area**
SOC

**Course Title**
Special Topics in Sociology

**Course Description**
Course content varies from year to year.

**Department**
Sociology

**When Taught**
Contact Department

**Credit Hours**

**Min**
1

**Fixed**
3

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
0

## SOC 495R - Directed Reading in Sociology

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
495R

**Teaching Area**
SOC

**Course Title**
Directed Reading in Sociology

**Course Description**
Individualized reading program supervised by faculty member. Student selects reading topic and completes systematic in-depth reading of related literature.

**Department**
Sociology

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Consent of instructor required.

| Title | Tags | Learning Outcome |
|---|---|---|
| Literature | 185458, 1 | Students will develop and read literature from specific sub-field within sociology. |
| Summarize | 185459, 2 | Students will evaluate, synthesize, and summarize literature in a specific sub-field of sociology. |

## SOC 497R - Directed Research in Sociology

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
497R

**Teaching Area**
SOC

**Course Title**
Directed Research in Sociology

**Course Description**
Individualized research program supervised by faculty member. Student selects topic and completes a research project.

**Department**
Sociology

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
6

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Consent of instructor required.

| Title | Tags | Learning Outcome |
|---|---|---|
| Research outline | 185460, 1 | Students will develop research project under direction of faculty mentor. |
| Research participation | 185461, 2 | Students will engage in a mentored research project that may involve reviewing the literature, data collection, data analysis, and/or preparing manuscripts, etc. |

## SOC 524 - Advanced Political Sociology

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
524

**Teaching Area**
SOC

**Course Title**
Advanced Political Sociology

**Course Description**
Social basis of political behavior. Modern theories and research concerning use of power and decision making.

**Department**
Sociology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Critical Analysis | 185812, 1 | Students will demonstrate the ability to analyze and critique current literature on political sociology. |
| Research Proposal | 185813, 2 | Students will produce a graduate-level, testable research proposal on political sociology. |
| Data Management | 185814, 3 | Students will become familiar with data sets suitable for testing |

## SOC 525 - Sociology of Religion

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
525

**Teaching Area**
SOC

**Course Title**
Sociology of Religion

**Course Description**
Influences of social factors in the development of various religious systems.

**Department**
Sociology

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Soc 111, 325, or instructor's consent

| Title | Tags | Learning Outcome |
|---|---|---|
| Writing | 185785, 2 | Students will be able to participate in all stages of preparing an original, publishable contribution to the sociology of religion. |
| Teamwork | 185786, 3 | Students will be able to organize and conduct team research on joint projects. |
| Theories | 185787, 0 | |

with data sets suitable for testing hypotheses on political sociology.

**Learning Outcome**
Students will be able to explain selected theoretical frameworks in the sociology of religion.

| Title | Tags |
| --- | --- |
| Criticism and Analysis | 185793, 1 |

**Learning Outcome**
Students will be able to assess critically both published and unpublished texts relevant to religion, including datasets and other materials, in establishing meaningful frameworks and problems for study.

## SOC 528 - Sociology of Rural Communities

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC | 528 |

**Teaching Area**
SOC
**Course Title**
Sociology of Rural Communities
**Course Description**
Review and critique of major theoretical and methodological approaches to the study of community, with a focus on rural communities.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Soc 311, 370, or instructor's consent.

## SOC 565 - The Individual and Family in Later Years.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC | 565 |

**Teaching Area**
SOC
**Course Title**
The Individual and Family in Later Years.
**Course Description**
Developmental aspects of aging, focusing on the biophysical, cognitive, social, affective, and pathological dimensions in people aged 50 and over.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Critical Analysis | 185818, 1 |

**Learning Outcome**
Students will demonstrate the ability to analyze and critique current literature on the sociology of communities.

| Title | Tags |
| --- | --- |
| Research Proposal | 185819, 2 |

**Learning Outcome**
Students will produce a graduate-level, testable research proposal on communities.

| Title | Tags |
| --- | --- |
| Data Management | 185820, 3 |

**Learning Outcome**
Students will become familiar with data sets suitable for testing hypotheses on communities.

| Title | Tags |
| --- | --- |
| Critical Analysis | 185821, 1 |

**Learning Outcome**
Students will demonstrate the ability to analyze and critique current literature on the sociology of geronotology.

| Title | Tags |
| --- | --- |
| Research Proposal | 185822, 2 |

**Learning Outcome**
Students will produce a graduate-level, testable research proposal on gerontology.

| Title | Tags |
| --- | --- |
| Data Management | 185823, 3 |

**Learning Outcome**
Students will become familiar with data sets suitable for testing hypotheses on geronotology.

## SOC 590R - Special Topics in Sociology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC | 590R |

**Teaching Area**
SOC
**Course Title**
Special Topics in Sociology
**Course Description**
Course content varies from year to year.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## SOC 595R - Directed Readings

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC | 595R |

**Teaching Area**
SOC
**Course Title**
Directed Readings
**Course Description**
Individualized reading program supervised by faculty member.
**Department**
Sociology
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

| Title | Tags |
|---|---|
| Data Management | 185824, 1 |

**Learning Outcome**
Students will become familiar with data sets suitable for testing hypotheses on the subject of the seminar.

| Title | Tags |
|---|---|
| Research Proposal | 185825, 2 |

**Learning Outcome**
Students will produce a graduate-level, testable research proposal on the subject of the seminar.

| Title | Tags |
|---|---|
| Critical Analysis | 185826, 3 |

**Learning Outcome**
Students will demonstrate the ability to analyze and critique current literature on the subject of the seminar.

**Fixed**
6

**Note**
Pass/Fail only.

| Title | Tags |
|---|---|
| Literature | 185794, 0 |

**Learning Outcome**
Students will develop and read literature from specific sub-field of sociology.

| Title | Tags |
|---|---|
| Synthesize | 185803, 1 |

**Learning Outcome**
Students will evaluate, synthesize, and summarize literature in specific sub-field of sociology.

## SOC 598R - Pro-Seminar

### Course Information

**Teaching Area (new)**
SOC

**Course Number**
598R

**Teaching Area**
SOC

**Course Title**
Pro-Seminar

**Course Description**
Current developments in sociology including research, proposals, professional meetings, teaching, and finding a job.

**Department**
Sociology

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

## SOC W 200 - Introduction to Social Work

### Course Information

**Teaching Area (new)**
SOC W

**Course Number**
200

**Teaching Area**
SOC W

**Course Title**
Introduction to Social Work

**Course Description**
Social welfare as a social institution; social work as a profession.

**Department**
Social Work

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Note
Required for all first year Sociology graduate students.

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| CSWE 2015 Competency 1 | 185264, 1 |

Learning Outcome
Demonstrate Ethical and Professional Behavior

| Title | Tags |
|---|---|
| CSWE 2015 Competency 2 | 185265, 2 |

Learning Outcome
Engage Diversity and Difference in Practice

| Title | Tags |
|---|---|
| CSWE 2015 Competency 3 | 185266, 3 |

Learning Outcome
Advance Human Rights and Social, Economic, and Environmental Justice

| Title | Tags |
|---|---|
| CSWE 2015 Competency 5 | 185267, 4 |

Learning Outcome
Engage in Policy Practice

## SOC W 300 - Introduction to Social Work Research Methods

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SOC W | 300 |

Teaching Area
SOC W
Course Title
Introduction to Social Work Research Methods
Course Description
A variety of research methods and techniques are covered to help

## SOC W 331 - Social Welfare Policy

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SOC W | 331 |

Teaching Area
SOC W
Course Title
Social Welfare Policy
Course Description
Social legislation processes; analysis of social policy and the knowledge available to social workers for involvement in social planning and policy change.

students engage in practice-informed research and research informed practice. Examination of evidence based practice. Qualitative and quantitative research methods, data analysis, and writing research papers.

**Department**
Social Work
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Independent Study only. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

policy change.

**Department**
Social Work
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC W 200 - Introduction to Social Work

**Additional Comments:**

| Title | Tags |
| --- | --- |
| CSWE 2015 Competency 2 | 185268, 1 |

**Learning Outcome**
Engage Diversity and Difference in Practice

| Title | Tags |
| --- | --- |
| CSWE 2015 Competency 3 | 185269, 2 |

**Learning Outcome**
Advance Human Rights and Social, Economic, and Environmental Justice

| Title | Tags |
| --- | --- |
| CSWE 2015 Competency 5 | 185270, 3 |

**Learning Outcome**
Engage in Policy Practice

# SOC W 360 - Social Work Practice with Individuals

## Course Information

**Teaching Area (new)**
SOC W

**Course Number**
360

**Teaching Area**
SOC W

**Course Title**
Social Work Practice with Individuals

**Course Description**
Methods of social work practice within a generalist framework; interventions at the individual, family, group, organization, and community levels.

**Department**
Social Work

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SOC W 200 - Introduction to Social Work

**Additional Comments:**

| Title | Tags |
|---|---|
| Specific Behavioral Objectives | 185259, 2 |

**Learning Outcome**
Through participation in this course, students will be prepared to:
1. Define the term "Direct Practice" and understand the role it plays in the social work profession in today's complex

# SOC W 570 - Crisis Intervention

## Course Information

**Teaching Area (new)**
SOC W

**Course Number**
570

**Teaching Area**
SOC W

**Course Title**
Crisis Intervention

**Course Description**
Assessment and intervention in crisis situations with clients.

**Department**
Social Work

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| CSWE 2015 Competency 4 | 185343, 1 |

**Learning Outcome**
Engage In Practice-informed Research and Research-informed Practice

| Title | Tags |
|---|---|
| CSWE 2015 Competency 6 | 185344, 2 |

**Learning Outcome**
Engage with Individuals, Families, Groups, Organizations, and Communities

| Title | Tags |
|---|---|
| CSWE 2015 Competency 7 | 185345, 3 |

**Learning Outcome**
Assess Individuals, Families, Groups, Organizations, and Communities

society.
2. Describe the historical developments of the social work profession and its evolvement over the last 100+ years.
3. Describe how social work practice is guided by a foundation of values, principles, and ethics.
4. Demonstrate an understanding of the contents of the NASW Code of Ethics.
5. Identify the basic helping skills used in social work.
6. Identify social work practice grounded in sound theory and empirical research.

| Title | Tags |
| --- | --- |
| Course Objectives | 185263, 1 |

**Learning Outcome**
This course is designed to introduce the student to the values, knowledge, and skills involved in the practice of social work as a profession, and to gain a broad view of direct social work practice.

| Title | Tags |
| --- | --- |
| CSWE 2015 Competency 1 | 185271, 3 |

**Learning Outcome**
Demonstrate Ethical and Professional Behavior

| Title | Tags |
| --- | --- |
| CSWE 2015 Competency 2 | 185272, 4 |

**Learning Outcome**
Engage Diversity and Difference in Practice

| Title | Tags |
| --- | --- |
| CSWE 2015 Competency 6 | 185273, 5 |

**Learning Outcome**
Engage with Individuals, Families, Groups, Organizations, and Communities

| Title | Tags |
| --- | --- |
| CSWE 2015 Competency 7 | 185274, 6 |

**Learning Outcome**
Assess Individuals, Families, Groups, Organizations, and Communities

| Title | Tags |
| --- | --- |
| CSWE 2015 Competency 8 | 185346, 4 |

**Learning Outcome**
Intervene with Individuals, Families, Groups, Organizations, and Communities

Communities

| Title | Tags |
| --- | --- |
| CSWE 2015 Competency 8 | 185275, 7 |

Learning Outcome
Intervene with Individuals, Families, Groups, Organizations, and Communities

## SOC W 580 - Social Work in the School Setting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC W | 580 |

Teaching Area
SOC W
Course Title
Social Work in the School Setting
Course Description
Overview of knowledge and skills essential to the practice of social work in educational settings; emphasizes practical interventions when working with student/family/teacher/community resources.
Department
Social Work
When Taught
Winter

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Objectives: | 185245, 4 |

Learning Outcome
1. To provide students with a basic understanding of public school policies, laws, procedures, roles, and expectations of all players including,

## SOC W 581 - Social Services for the Aging

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SOC W | 581 |

Teaching Area
SOC W
Course Title
Social Services for the Aging
Course Description
Process and impact of social service delivery systems on the aged.
Department
Social Work
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Utah state certificate available.

| Title | Tags |
| --- | --- |
| Objectives: | 185246, 1 |

Learning Outcome
1. Be able to recognize dversity (race, gender, sexual orientation, SES etc) of aging population in the United States.
2. Be able to articulate predominant theories of aging.
3. Be able to articulate biological

administrators, staff (counselors, psychologists, social workers, custodians, coaches) parents and students.
2. To develop an awareness of the resources available in the community to assist families in the school setting.
3. To provide students the opportunity to reflect, synthesize and apply the various concepts examined in class in the context of their own experiences and understanding.
4. Understand the role and expectation of a school social worker.
5. Gain familiarity with research methods into effectiveness of social work practice in schools.
6. Gain knowledge of NASW's standards of school social work practice.

| Title | Tags |
| --- | --- |
| CSWE 2015 Competency 1 | 208656, 0, 1 |

**Learning Outcome**
Demonstrate Ethical and Professional Behavior
Links to BYU AIM: Character Building (integrity, social justice)

| Title | Tags |
| --- | --- |
| CSWE 2015 Competency 6 | 208657, 0, 2 |

**Learning Outcome**
Engage with Individuals, Families, Groups, Organizations, and Communities
Links to BYU AIM: Lifelong Learning and Service (service)

| Title | Tags |
| --- | --- |
| CSWE Competency 8 | 208658, 0, 3 |

**Learning Outcome**
Intervene with Individuals, Families, Groups, Organizations, and Communities
Links to BYU AIM: Lifelong Learning and Service (service)

and psychosocial changes related to aging.
4. Be able to identify social, psychological, economic, and political challenges faced by other adults (i.e. ageism, poverty, elder abuse, retirement, intamacy, end of life care, support system, etc).
5. Demonstrate ability to advocate social/economic justice.
6. Demonstrate ability to assess and intervene in gerontoloical setting.
7. Demonstrate ability to address social policy issues for older adults.
8. Develop ability to practice ethically within principle of NASW Code of Ethics.

## SOC W 582 - Refugee Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

## SOC W 585 - Global Issues of Children at Risk

### Course Information

SOC W 582
Teaching Area
SOC W
Course Title
Refugee Studies
Course Description
Understand and engage with global forced migration issues
Department
Social Work
When Taught
Fall Even Years

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Teaching Area (new) Course Number
SOC W 585
Teaching Area
SOC W
Course Title
Global Issues of Children at Risk
Course Description
Analyzing major challenges facing children and their families globally, including poverty, malnutrition, poor health care, gender-based discrimination, child labor and sexual exploitation, AIDS orphans, child soldiers, and refugees.
Department
Social Work
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Title Tags
Learning Outcomes: 185247, 1

Learning Outcome
1. Gain basic information regarding the current condition of children globally---their challenges and resources.
2. Learn of the global community's acknowledged and unacknowledged obligations to assist the most vulnerable of its children.
3. Become familiar with the international, regional, and national policies and efforts in place to address some of the most difficult challenges.
4. Incorporate a family-based framework into addressing the challenges faced by children, focusing on solutions which emphasize the strengthening of families as a priority.
5. Appreciate the complex nature of the interplay between economic, political, and cultural aspects of the global and national

aspects of the global and national communities which produce, and must be considered in addressing, the problems and challenges that arise out of such interplay.
6. Have a hands-on service experience locally which will illuminate the challenges faced by children globally.
7. Be able to produce a term paper in which he or she will thoroughly explore one topic in depth and present a summary to the entire class.
8. Be tested on the objective knowledge of the student on the topic areas.

## SOC W 595R - Directed Readings

### Course Information

**Teaching Area (new)**
SOC W

**Course Number**
595R

**Teaching Area**
SOC W

**Course Title**
Directed Readings

**Department**
Social Work

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent

**Title**
Directed Readings

**Tags**
185230, 0

**Learning Outcome**
Under the direction of a

## SPAN 101 - Foundational Spanish 1

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
101

**Teaching Area**
SPAN

**Course Title**
Foundational Spanish 1

**Course Description**
Fundamentals of Spanish, emphasizing communication. (Accelerated sections available.) Pass/fail only.

**Department**
Spanish & Portuguese

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
2

**Note**
Native Spanish speakers and Spanish-speaking returned missionaries CANNOT take this class. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu

mentored professor, students will critically examine, investigate, and integrate the literature for a topic of interest in social work

required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Understand common basic cultural practices and products | 199177, 4 |

**Learning Outcome**
Understand common basic cultural practices and products related to greetings and family life in some Spanish-speaking countries.

| Title | Tags |
| --- | --- |
| Respond in written Spanish | 199186, 3 |

**Learning Outcome**
Respond in written Spanish at the same level as indicated in outcomes related to speaking.

| Title | Tags |
| --- | --- |
| Respond in Spanish to simple questions | 199578, 0 |

**Learning Outcome**

Respond in Spanish to simple questions on the most common features of daily life

| Title | Tags |
| --- | --- |
| Satisfy limited number of needs | 199579, 2 |

**Learning Outcome**

Satisfy a very limited number of immediate needs through the use of spoken Spanish.

| Title | Tags |
| --- | --- |
| Convey minimal meaning to interlocutors | 199580, 1 |

**Learning Outcome**

Convey minimal meaning to interlocutors experienced with dealing with foreigners by using isolated words, lists of words, memorized phrases and some personalized recombinations of words and phrases.

## SPAN 102 - Foundational Spanish 2

### Course Information

## SPAN 105 - University Spanish 1

### Course Information

## Course Information

**Teaching Area (new)**
SPAN

**Course Number**
102

**Teaching Area**
SPAN

**Course Title**
Foundational Spanish 2

**Course Description**
Continuation of Span 101. Fundamentals of Spanish, emphasizing communication. (Accelerated sections available.) Pass/fail only.

**Department**
Spanish & Portuguese

**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
2

**Recommended**
Span 101.

**Note**
Native Spanish speakers and Spanish-speaking returned missionaries CANNOT take this class. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Understand common basic cultural practices and products

**Tags**
199150, 6

**Learning Outcome**
Understand common basic cultural practices and products related to travel in some Spanish-speaking countries.

**Title**
Respond in written Spanish

**Tags**
199205, 5

**Learning Outcome**
Respond in written Spanish at the same level as indicated in preceding objectives related to spoken Spanish.

## Course Information

**Teaching Area (new)**
SPAN

**Course Number**
105

**Teaching Area**
SPAN

**Course Title**
University Spanish 1

**Course Description**
Continued development of grammar, cultural understanding, reading, writing, and conversation skills as introduced in foundational courses. Students are expected to attain an Intermediate-Mid proficiency level.

**Department**
Spanish & Portuguese

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Two years of high school Spanish or Span 101/102.

**Note**
For students with two years of high school Spanish or equivalent. Native Spanish speakers and Spanish-speaking returned missionaries CANNOT take this class.

**Title**
Writing

**Tags**
199193, 1

**Learning Outcome**
Communicate using paragraph level discourse in writing.

**Title**
Simple Conversation

**Tags**
199201, 0

**Learning Outcome**
Use Spanish to maintain simple verbal conversations on everyday topics.

**Title**
Culture

**Tags**
199228, 5

**Learning Outcome**
Demonstrate understanding of

| Title | Tags |
| --- | --- |
| Using Spanish, participate in simple, direct conversations | 199581, 0 |

Learning Outcome

Using Spanish, participate in simple, direct conversations on generally predictable topics related to daily activities and personal environment.

| Title | Tags |
| --- | --- |
| Create with the language and communicate personal meaning | 199582, 1 |

Learning Outcome
Create with the language and communicate personal meaning to sympathetic interlocutors by combining language elements in discrete sentences and strings of sentences.

| Title | Tags |
| --- | --- |
| Obtain and give information | 199583, 2 |

Learning Outcome
Obtain and give information by asking and answering questions.

| Title | Tags |
| --- | --- |
| Sustain basic communicative exchanges | 199584, 3 |

Learning Outcome
Sustain and bring to a close a number of basic, uncomplicated communicative exchanges, mostly in a reactive mode.

| Title | Tags |
| --- | --- |
| Satisfy simple personal needs using spoken Spanish | 199585, 4 |

Learning Outcome
Satisfy simple personal needs and social demands to survive in the target language culture.

Demonstrate understanding of and appreciation for Hispanic cultures.

| Title | Tags |
| --- | --- |
| Communication | 199248, 2 |

Learning Outcome
Be understood by sympathetic native speakers despite occasional misunderstandings.

| Title | Tags |
| --- | --- |
| Verbal Narration | 199601, 3 |

Learning Outcome
Describe and narrate in the past, present, and future a portion of the time.

| Title | Tags |
| --- | --- |
| Culture | 199602, 4 |

Learning Outcome
Understand that Hispanic culture is vast and diverse.

## SPAN 106 - University Spanish 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 106 |

Teaching Area

## SPAN 111R - Spanish Conversation for High Beginners 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 111R |

SPAN
**Course Title**
University Spanish 2
**Course Description**
Expanded development of grammar, cultural understanding, reading, writing, and conversation skills as introduced in foundational and intermediate courses. Students are expected to attain an *Intermediate-Mid* to *Intermediate-High* proficiency level.
**Department**
Spanish & Portuguese
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Recommended**
Span 105.
**Note**
Native Spanish speakers and Spanish-speaking returned missionaries CANNOT take this class. Contact the Department Office with questions (801-422-2838).

| Title | Tags |
|---|---|
| Writing | 199180, 1 |

**Learning Outcome**
Communicate using paragraph level discourse in writing.

| Title | Tags |
|---|---|
| Culture | 199209, 5 |

**Learning Outcome**
Demonstrate understanding of and appreciation for Hispanic cultures.

| Title | Tags |
|---|---|
| Communication | 199220, 2 |

**Learning Outcome**
Be understood by sympathetic native speakers despite occasional misunderstandings.

**Teaching Area**
SPAN
**Course Title**
Spanish Conversation for High Beginners 1
**Course Description**
Development of interpersonal and presentational speaking skills in Spanish at the ACTFL Novice High to Intermediate Low level. For students at the SPAN 105 level or equivalent.
**Department**
Spanish & Portuguese
**When Taught**
Fall Term 1; Winter Term 1.

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Will not count toward Spanish major or minor.

| Title | Tags |
|---|---|
| Interpersonal Communication | 210505, 0, 1 |

**Learning Outcome**
Participate in spontaneous conversations on familiar topics by creating simple sentences and asking questions.

| Title | Tags |
|---|---|
| Presentational Communication | 210506, 0, 2 |

**Learning Outcome**
Give prepared or rehearsed presentations on familiar and everyday topics, using sentences and series of connected sentences.

| Title | Tags |
| --- | --- |
| Conversation | 199244, 0 |

**Learning Outcome**
Use Spanish to maintain simple verbal conversations on everyday topics.

| Title | Tags |
| --- | --- |
| Narration | 199603, 3 |

**Learning Outcome**
Describe and narrate in the past, present, and future a portion of the time.

| Title | Tags |
| --- | --- |
| Culture | 199604, 4 |

**Learning Outcome**
Understand that Hispanic culture is vast and diverse.

## SPAN 112R - Spanish Conversation for High Beginners 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 112R |

**Teaching Area**
SPAN
**Course Title**
Spanish Conversation for High Beginners 2
**Course Description**
Development of interpersonal and presentational speaking skills in Spanish at the ACTFL Intermediate Low to Intermediate Mid level. For students at the SPAN 106 level or equivalent.
**Department**
Spanish & Portuguese
**When Taught**
Fall Term 2; Winter Term 2.

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

## SPAN 119R - Spanish Musical Performance

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 119R |

**Teaching Area**
SPAN
**Course Title**
Spanish Musical Performance
**Course Description**
Musical group that meets regularly to rehearse and perform musical numbers (vocal, instrumental, or both) from Spanish-speaking countries.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

_

### Lab Hours

Fixed
0

Note
Will not count toward Spanish major or minor.

| Title | Tags |
| --- | --- |
| Interpersonal Communication | 210507, 0, 1 |

Learning Outcome
Request and provide information in conversations on familiar topics by creating simple sentences and asking appropriate follow-up questions.

| Title | Tags |
| --- | --- |
| Presentational Communication | 210508, 0, 2 |

Learning Outcome
Give prepared, rehearsed presentations on a variety of familiar topics and some pre-researched topics, using sentences and series of connected sentences.

| Title | Tags |
| --- | --- |
| Rehearse and perform musical works | 207050, 1 |

Learning Outcome
Rehearse and perform musical works from Spanish-speaking countries.

| Title | Tags |
| --- | --- |
| Rehearse and perform choral works | 199502, 1 |

Learning Outcome
Rehearse and perform choral works written in Spanish as well as Spanish translations of choral works written in other languages.

## SPAN 205 - University Spanish 3

### Course Information

Teaching Area (new)
SPAN
Course Number
205
Teaching Area
SPAN
Course Title
University Spanish 3
Course Description
Continued development of grammar, cultural understanding, conversation skills, writing, and reading through the study of literature. Students are expected to attain an *Intermediate-High* proficiency level.
Department
Spanish & Portuguese
When Taught
All Semesters/Terms

### Credit Hours

Min
4

Fixed
4

## SPAN 206 - Intensive Spanish Skills Development

### Course Information

Teaching Area (new)
SPAN
Course Number
206
Teaching Area
SPAN
Course Title
Intensive Spanish Skills Development
Course Description
Intensive development of oral and literacy skills at the Intermediate High to Advanced Low level, with emphasis on improving grammatical accuracy, fluency, and cultural competence. Intended to prepare students for Span 321 and subsequent courses.
Department
Spanish & Portuguese
When Taught
All Semesters/Terms

### Credit Hours

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

Other Prerequisites
Four years of high school Spanish or Span 106.
Note
NOTE: Culminating course for the 100- and 200-level course sequence.
NOTE: Fulfills the University Core Languages of Learning requirement.
NOTE: Not for Spanish-speaking returned missionaries or native speakers.

Title
Interpret a selection of literary works
Tags
191990, 2

Learning Outcome
Interpret and analyze a selection of literary works in Spanish within their historical and cultural context.

Title
Demonstrate Intermediate-level proficiency in Spanish
Tags
191991, 1

Learning Outcome
Speak, listen, read, and write in Spanish at the Intermediate proficiency level, as defined by the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

Title
Improve Spanish grammar and vocabulary
Tags
199605, 3

Learning Outcome
Demonstrate increased accuracy in using basic Spanish grammatical structures and an increased range of vocabulary on topics of general interest.

## SPAN 211R - Spanish Conversation at the

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
0

Recommended
Spanish 205
Note
Course fulfills GE Languages of Learning requirement. Students enrolled in the course may also be eligible to take the Spanish Challenge Exam for 12 credits (see Dept. of Spanish and Portuguese website for more information).

Title
Write compositions to meet academic needs
Tags
199642, 3

Learning Outcome
Write short compositions with sufficient grammatical accuracy to meet academic needs in higher-level courses.

Title
Communicate at the Intermediate High to Advanced Low level
Tags
199643, 1

Learning Outcome
Demonstrate proficiency in Spanish at the Intermediate High to Advanced Low level, as defined by the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines for speaking, listening, reading, and writing.

Title
Analyze and interpret oral and written texts
Tags
199647, 2

Learning Outcome
Analyze and interpret a selection of oral and written texts from Spanish-speaking countries, including short stories and journalistic articles, within their historical and cultural context.

## SPAN 212R - Spanish Conversation at the

## Intermediate Level 1

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
211R

**Teaching Area**
SPAN

**Course Title**
Spanish Conversation at the Intermediate Level 1

**Course Description**
Continued development of interpersonal and presentational speaking skills in Spanish at the ACTFL Intermediate Mid level. For students at the SPAN 205 level or equivalent.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Will not count toward Spanish major or minor.

| Title | Tags | Learning Outcome |
|---|---|---|
| Interpersonal Communication | 210509, 0, 1 | Request and provide information in conversations on familiar topics by creating simple sentences and asking appropriate follow-up questions. |
| Presentational Communication | 210510, 0, 2 | Give prepared, rehearsed presentations on a variety of familiar topics and some pre-researched topics, using sentences and series of connected sentences. |

## Intermediate Level 2

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
212R

**Teaching Area**
SPAN

**Course Title**
Spanish Conversation at the Intermediate Level 2

**Course Description**
Development of interpersonal and presentational speaking skills in Spanish at the ACTFL Intermediate Mid to Intermediate High level. For students at the SPAN 206 level or equivalent.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Will not count toward Spanish major or minor.

| Title | Tags | Learning Outcome |
|---|---|---|
| Interpersonal Communication | 210511, 0, 1 | Exchange information in conversations and discussions on a variety of familiar topics and topics that I have researched, often across various time frames. |
| Presentational Communication | 210512, 0, 2 | Give detailed presentations on a variety of familiar topics and pre-researched topics, using short paragraphs, often across various time frames. |

## SPAN 311R - Spanish Conversation at the Advanced Level 1

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
311R

**Teaching Area**
SPAN

**Course Title**
Spanish Conversation at the Advanced Level 1

**Course Description**
Development of interpersonal and presentational speaking skills in Spanish at the Advanced Low to Advanced Mid level. Not for native speakers.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Will not count toward Spanish major or minor.

| Title | Tags | Learning Outcome |
|---|---|---|
| Interpersonal Communication | 210513, 0, 1 | Exchange information and ideas in discussions on a variety of familiar and concrete academic and social topics and across major time frames. |
| Presentational Communication | 210514, 0, 2 | Deliver presentations on a variety of concrete academic, social and professional topics of interest, using organized |

## SPAN 312R - Spanish Conversation at the Advanced Level 2

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
312R

**Teaching Area**
SPAN

**Course Title**
Spanish Conversation at the Advanced Level 2

**Course Description**
Development of interpersonal and presentational speaking skills in Spanish at the ACTFL Advanced Mid to Advanced High level. Not for native speakers.

**Department**
Spanish & Portuguese

**When Taught**
Fall Term 2; Winter Term 2.

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Will not count toward Spanish major or minor.

| Title | Tags | Learning Outcome |
|---|---|---|
| Interpersonal Communication | 210515, 0, 1 | Discuss and sometimes debate a variety of complex concrete and some abstract academic, social and professional topics. |
| Presentational Communication | 210516, 0, 2 | Deliver cohesive presentations on a variety of complex concrete topics related to community interests and some specialized fields. |

paragraphs across major time frames.

| Title | Tags |
| --- | --- |
| Comprehension | 199255, 1 |

**Learning Outcome**
Demonstrate proficiency in the comprehension of oral messages

| Title | Tags |
| --- | --- |
| Syncretic Skills | 199256, 2 |

**Learning Outcome**
Show syncretic skills by synthesizing authentic text (such as a newspaper articles or a literary text) in an oral presentation.

| Title | Tags |
| --- | --- |
| Articulate Positions | 199257, 3 |

**Learning Outcome**
Present to an audience a variety of topics including the ability to develop and articulate positions in Spanish.

| Title | Tags |
| --- | --- |
| Discussion | 199258, 4 |

**Learning Outcome**
Understand someone else speaking about a discipline-related topic and be able to engage that person in discussion.

| Title | Tags |
| --- | --- |
| Evualtion | 199259, 5 |

**Learning Outcome**
Evaluate the use of language to convey meaning, to inform, and to persuade.

| Title | Tags |
| --- | --- |
| Interpersonal communication | 207063, 0 |

**Learning Outcome**
Exchange information and ideas in discussions on a variety of familiar and concrete academic and social topics and across major time frames.

| Title | Tags |
| --- | --- |
| Syncretic Skills | 199161, 3 |

**Learning Outcome**
Show syncretic skills by synthesizing authentic text (such as a newspaper articles or a literary text) in an oral presentation.

| Title | Tags |
| --- | --- |
| Real-Life Communication | 199204, 1 |

**Learning Outcome**
Communicate orally in Spanish in real-life situations, including academic, specialized, and public contexts.

| Title | Tags |
| --- | --- |
| Interpersonal communication | 207065, 5 |

**Learning Outcome**
Discuss and sometimes debate a variety of complex concrete and some abstract academic, social and professional topics.

| Title | Tags |
| --- | --- |
| Presentational communication | 207066, 6 |

**Learning Outcome**
Deliver cohesive presentations on a variety of complex concrete topics related to community interests and some specialized fields.

| Title | Tags |
| --- | --- |
| Presentational communication | 207064, 1 |

**Learning Outcome**
Deliver presentations on a variety of concrete academic, social and professional topics of interest, using organized paragraphs across major time frames.

## SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 321 |

**Teaching Area**
SPAN
**Course Title**
Third-Year Spanish Reading, Grammar, and Culture
**Course Description**
Intensive study and practice with Spanish grammar, vocabulary, and writings incorporating cultural and literary readings.
**Department**
Spanish & Portuguese
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Minimum of one year in a Spanish-speaking mission or equivalent language immersion experience, or course work through SPAN 206 or equivalent. Intermediate High to Advanced Low proficiency expected. See department website for more information.

| Title | Tags |
| --- | --- |
| Demonstrate linguistic proficiency | 199708, 0, 1, 2023-11-10 10:20:00 |

**Learning Outcome**

## SPAN 322 - Third-Year Spanish Composition

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 322 |

**Teaching Area**
SPAN
**Course Title**
Third-Year Spanish Composition
**Course Description**
Study and practice of different writing styles, developing research skills.
**Department**
Spanish & Portuguese
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcome
Demonstrate skills characteristic of the Advanced proficiency level (as defined by the ACTFL Proficiency Guidelines) in presentational, interpretive, and interpersonal communication.

| Title | Tags |
| --- | --- |
| Demonstrate understanding of Hispanic cultures | 199458, 0, 3, 2023-11-10 10:20:05 |

Learning Outcome
Identify and describe cultural themes and topics from a variety of regions and peoples from the Spanish-speaking world.

| Title | Tags |
| --- | --- |
| Develop linguistic self-awareness | 199709, 0, 4, 2023-11-10 10:20:12 |

Learning Outcome
Assess areas of strength and weakness in their Spanish skills and identify specific areas for improvement.

| Title | Tags |
| --- | --- |
| Analyze literary works | 199457, 0, 2, 2023-11-10 10:20:14 |

Learning Outcome
Identify and analyze a selection of literary works in Spanish.

**Additional Comments:**

Note
Strongly recommended for students continuing on to a graduate program.

| Title | Tags |
| --- | --- |
| Write argumentative essays | 199376, 1 |

Learning Outcome
Write argumentative essays analyzing specific texts or topics, introducing a clear thesis and developing arguments to support the thesis using valid reasoning and sufficient evidence.

| Title | Tags |
| --- | --- |
| Write expository research papers | 199377, 2 |

Learning Outcome
Write expository research papers that gather and synthesize information from multiple sources, develop and support the topic with well-chosen facts and examples, and organize ideas to make important connections and distinctions.

| Title | Tags |
| --- | --- |
| Apply writing conventions | 199378, 4 |

Learning Outcome
Apply writing conventions from appropriate style guides (e.g., MLA, APA, Chicago, etc.) in composing papers and citing sources.

| Title | Tags |
| --- | --- |
| Apply writing strategies and processes | 199461, 3 |

Learning Outcome
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

| Title | Tags |
| --- | --- |
| Give oral presentations | 199586, 5 |

Learning Outcome
Effectively deliver formal oral presentations that are tailored to a specific audience, making use of appropriate presentational media.

| Title | Tags |
| --- | --- |
| Convey meaning accurately | 199587, 6 |

**Learning Outcome**
Convey meaning orally and in writing using a register and level of grammatical accuracy appropriate for academic and professional audiences.

## SPAN 323A - Spanish for Medical Professions

### Course Information

**Teaching Area (new)**
SPAN
**Course Number**
323A
**Teaching Area**
SPAN
**Course Title**
Spanish for Medical Professions
**Course Description**
Introduction to medical terminology as used in oral and written professional contexts, with special emphasis on developing professional writing skills.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

## SPAN 323B - Spanish for Business Professions

### Course Information

**Teaching Area (new)**
SPAN
**Course Number**
323B
**Teaching Area**
SPAN
**Course Title**
Spanish for Business Professions
**Course Description**
Introduction to business terminology as used in oral and written professional contexts, with special emphasis on developing professional writing skills.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Acquire specialized vocabulary | 211725, 0, 1 |

**Learning Outcome**
Acquire specialized Spanish vocabulary related to health care professions.

| Title | Tags |
| --- | --- |
| Read authentic documents | 211726, 0, 2 |

**Learning Outcome**
Read and interpret authentic documents and informative texts related to medical care.

| Title | Tags |
| --- | --- |
| Compose written documents | 211727, 0, 3 |

**Learning Outcome**
Compose written documents related to the field of health care, such as correspondence, reports, or case studies, incorporating protocols and a level of accuracy appropriate for a professional audience.

| Title | Tags |
| --- | --- |
| Apply writing strategies and processes | 211728, 0, 4 |

**Learning Outcome**
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

| Title | Tags |
| --- | --- |
| Demonstrate intercultural awareness | 211729, 0, 5 |

**Learning Outcome**
Demonstrate awareness of cultural issues involved in working with Spanish speakers, such as their economic and political realities, social and professional practices, and cultural beliefs and values.

| Title | Tags |
| --- | --- |
| Apply professional skills | 211730, 0, 6 |

**Learning Outcome**

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Acquire specialized vocabulary | 211737, 0, 1 |

**Learning Outcome**
Acquire specialized Spanish vocabulary related to business professions.

| Title | Tags |
| --- | --- |
| Read authentic documents | 211738, 0, 2 |

**Learning Outcome**
Read and interpret authentic documents and informative texts related to business professions.

| Title | Tags |
| --- | --- |
| Compose written documents | 211739, 0, 3 |

**Learning Outcome**
Compose written documents related to the field of business, such as correspondence, reports, or case studies, incorporating protocols and a level of accuracy appropriate for a professional audience.

| Title | Tags |
| --- | --- |
| Apply writing strategies and processes | 211740, 0, 4 |

**Learning Outcome**
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

| Title | Tags |
| --- | --- |
| Demonstrate intercultural awareness | 211741, 0, 5 |

**Learning Outcome**
Demonstrate awareness of cultural issues involved in working with Spanish speakers, such as their economic and political realities, social and professional practices, and cultural beliefs and values.

| Title | Tags |
| --- | --- |
| Apply professional skills | 211742, 0, 6 |

**Learning Outcome**

Demonstrate practical application of professional skills by researching job opportunities, observing, or volunteering in the field of health care.

Demonstrate practical application of professional skills by researching job opportunities, observing, or volunteering in the field of health care.

## SPAN 323C - Spanish for Legal Professions

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
323C

**Teaching Area**
SPAN

**Course Title**
Spanish for Legal Professions

**Course Description**
Introduction to legal terminology as used in oral and written professional contexts, with special emphasis on developing professional writing skills.

**Department**
Spanish & Portuguese

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Acquire specialized vocabulary | 211749, 0, 1 |

## SPAN 325 - Survey of Hispanic Linguistics

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
325

**Teaching Area**
SPAN

**Course Title**
Survey of Hispanic Linguistics

**Course Description**
Introduction to linguistics of Spanish: phonetics, phonology, morphology, syntax, semantics, history of the Spanish language, philology, dialectology, sociolinguistics, and psycholinguistics.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Explain general principles of linguistics | 100282, 1 |

Learning Outcome
Acquire specialized Spanish vocabulary related to legal professions.

Title
Read authentic documents

Tags
211750, 0, 2

Learning Outcome
Read and interpret authentic documents and informative texts related to legal professions.

Title
Compose written documents

Tags
211751, 0, 3

Learning Outcome
Compose written documents related to legal professions, such as correspondence, reports, or case studies, incorporating protocols and a level of accuracy appropriate for a professional audience.

Title
Apply writing strategies and processes

Tags
211752, 0, 4

Learning Outcome
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

Title
Demonstrate intercultural awareness

Tags
211753, 0, 5

Learning Outcome
Demonstrate awareness of cultural issues involved in working with Spanish speakers, such as their economic and political realities, social and professional practices, and cultural beliefs and values.

Title
Apply professional skills

Tags
211754, 0, 6

Learning Outcome
Demonstrate practical application of professional skills by researching job opportunities, observing, or volunteering in the legal field.

linguistics

199382, 1

Learning Outcome
Identify and explain the foundational concepts of linguistics.

Title
Describe major subfields of linguistics

Tags
199383, 2

Learning Outcome
Describe elements of the sound system, the structure of words and sentences, and the semantic properties of Spanish.

Title
Relate linguistic principles to language variation

Tags
199384, 3

Learning Outcome
Relate basic principles of linguistics and knowledge of its major subfields to how language varies socially, geographically, and temporally.

## SPAN 326 - Spanish Phonetics and Pronunciation

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
326

**Teaching Area**
SPAN

**Course Title**
Spanish Phonetics and Pronunciation

**Course Description**
Spanish sound system; underlying concepts of Spanish speech production and applications to pronunciation.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Describe articulatory phonetics | 199388, 1 |

**Learning Outcome**
Describe the physiology of sound production and how the sounds of Spanish are articulated.

## SPAN 330 - Introduction to Hispanic Literature

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
330

**Teaching Area**
SPAN

**Course Title**
Introduction to Hispanic Literature

**Course Description**
Readings in modern Hispanic literatures, focusing on formal literary analysis.

**Department**
Spanish & Portuguese

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

**Note**
Course is prerequisite to 400-level literature courses.

| Title | Tags |
|---|---|
| Describe literary genres | 199414, 1 |

**Learning Outcome**
Describe and analyze the most salient elements of key literary genres including poetry, prose

| Title | Tags |
| --- | --- |
| Analyze structure of Spanish sound system | 199389, 2 |

**Learning Outcome**
Explain and analyze the principles underlying the Spanish sound system and the relationships among its basic units.

| Title | Tags |
| --- | --- |
| Improve Spanish pronunciation | 199390, 4 |

**Learning Outcome**
Demonstrate improvement in the pronunciation of Spanish.

| Title | Tags |
| --- | --- |
| Transcribe texts phonetically | 199391, 3 |

**Learning Outcome**
Transcribe phonetically both oral and written texts in Spanish.

genres including poetry, prose, and theater.

| Title | Tags |
| --- | --- |
| Apply tools of literary interpretation | 199415, 2 |

**Learning Outcome**
Apply fundamental tools of literary interpretation through reading, writing, and the discussion of a balanced selection of works from Spain and Spanish America.

| Title | Tags |
| --- | --- |
| Write about literature | 199416, 4 |

**Learning Outcome**
Write in Spanish about literature with a reasonable degree of grammatical correctness and fluency.

## SPAN 335 - Survey of Hispanic Literature for Spanish Teachers

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 335 |

**Teaching Area**
SPAN
**Course Title**
Survey of Hispanic Literature for Spanish Teachers
**Course Description**
Historical overview of representative authors, texts, and movements from the literatures of Spain and Latin America. In addition to demonstrating an understanding of the Hispanic literary tradition, students will develop pedagogical resources and strategies for teaching these literatures in the secondary school classroom, with special attention to works featured on the current Spanish Literature AP reading list.
**Department**
Spanish & Portuguese
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

## SPAN 341 - Survey of Literature of Spain

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 341 |

**Teaching Area**
SPAN
**Course Title**
Survey of Literature of Spain
**Course Description**
Literary masterpieces of Spain.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

**Other Prerequisites**
Spanish teaching major or minor status.
**Note**
Enrollment limited to Spanish teaching majors and minors.

| Title | Tags |
|---|---|
| Differentiate among contexts | 207059, 1 |

**Learning Outcome**
Explain distinguishing features that characterize various periods, representative authors, schools, movements, ideological trends, and the historical contexts of Spanish literature.

| Title | Tags |
|---|---|
| Interpret texts | 207060, 2 |

**Learning Outcome**
Formulate critical interpretations of literary texts that take into account their socio-historical and aesthetic contexts.

| Title | Tags |
|---|---|
| Identify embedded cultural elements | 207061, 3 |

**Learning Outcome**
Identify, explain, and critically interpret cultural elements and allusions embedded in literary works that are unique to Hispanic cultures.

| Title | Tags |
|---|---|
| Prepare a unit plan | 207062, 4 |

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Interpret texts | 199424, 1 |

**Learning Outcome**
Formulate interpretations of literary texts that take into account their socio-historical and aesthetic contexts.

| Title | Tags |
|---|---|
| Write interpretive/research papers | 199425, 3 |

**Learning Outcome**
Write cogent, persuasive, and grammatically correct interpretive essays that demonstrate competence in library research skills and the appropiate use of secondary sources.

| Title | Tags |
|---|---|
| Differentiate among contexts | 199466, 2 |

**Learning Outcome**
Define and differentiate among periods, representative authors, schools, movements, ideological trends, and the historical contexts of Spanish literature.

| | |
|---|---|
| Prepare a unit plan | 207062, 4 |

**Learning Outcome**
Prepare a pedagogically sound unit of instruction for a secondary-level Spanish course based on a literary work from the AP Reading List, demonstrating competence in library research skills and the appropriate use of secondary sources.

## SPAN 345 - Cultures of Spain

### Course Information

**Teaching Area (new)**
SPAN
**Course Number**
345
**Teaching Area**
SPAN
**Course Title**
Cultures of Spain
**Course Description**
Culture, history, art, music, and traditions of Spain.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

## SPAN 351 - Survey of Literature of Spanish America

### Course Information

**Teaching Area (new)**
SPAN
**Course Number**
351
**Teaching Area**
SPAN
**Course Title**
Survey of Literature of Spanish America
**Course Description**
Literary masterpieces of Spanish America.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Describe geographic regions | 199345, 1 |

**Learning Outcome**
Describe the principal geographic regions, that might include topological features, important cities, and local traditions, customs, and languages.

| Title | Tags |
| --- | --- |
| Analyze historical periods and current events | 199346, 2 |

**Learning Outcome**
Describe and analyze historical periods and current events (e.g., political, social, artistic, and religious developments).

| Title | Tags |
| --- | --- |
| Describe cultural products, institutions, and practices | 199347, 3 |

**Learning Outcome**
Recognize and describe important cultural products (e.g., art, literature, architecture, and music, including important works and individuals), cultural institutions, and cultural practices.

| Title | Tags |
| --- | --- |
| Discuss influence of own culture | 199351, 4 |

**Learning Outcome**
By comparison, recognize and discuss the influence of their own cultural background on their attitudes, beliefs, and worldview.

| Title | Tags |
| --- | --- |
| Conduct research | 199370, 5 |

**Learning Outcome**
Engage in research that demonstrate an advanced awareness of cultural and historical knowledge.

## SPAN 355 - Cultures of Spanish America

| Title | Tags |
| --- | --- |
| Write interpretive/research papers | 199426, 3 |

**Learning Outcome**
Write cogent, persuasive, and grammatically correct interpretive essays that demonstrate competence in library research skills and the appropiate use of secondary sources.

| Title | Tags |
| --- | --- |
| Interpret texts | 199427, 1 |

**Learning Outcome**
Formulate interpretations of literary texts that take into account their socio-historical and aesthetic contexts.

| Title | Tags |
| --- | --- |
| Differentiate among contexts | 199467, 2 |

**Learning Outcome**
Define and differentiate among periods, representative authors, schools, movements, ideological trends, and the historical contexts of Spanish American literature.

## SPAN 360 - Introduction to Translation

## Course Information

**Teaching Area (new)**
SPAN

**Course Number**
355

**Teaching Area**
SPAN

**Course Title**
Cultures of Spanish America

**Course Description**
Culture, history, art, music, and traditions of Spanish America.

**Department**
Spanish & Portuguese

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Analyze historical periods | 199348, 2 |

**Learning Outcome**
Describe and analyze historical periods and current events (e.g., political, social, artistic, and religious developments).

| Title | Tags |
|---|---|
| Describe cultural products, institutions, and practices | 199349, 3 |

**Learning Outcome**
Recognize and describe important cultural products (e.g.

## Course Information

**Teaching Area (new)**
SPAN

**Course Number**
360

**Teaching Area**
SPAN

**Course Title**
Introduction to Translation

**Course Description**
Readings, individual research projects, and group translation activities. How the translation profession works. Developing the ability to translate general financial and legal texts. Learning to read texts critically.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Critical Thinking and Expression: Methods of Translation | 199638, 0 |

**Learning Outcome**
Explain and apply genre-specific methods (e.g discourse analysis, functional adequacy) for resolving common translation problems (e.g. challenges of figurative language, rhetorical patterns)

important cultural products (e.g., art, literature, architecture, and music, including important works and individuals), cultural institutions, and cultural practices.

| Title | Tags |
| --- | --- |
| Discuss influence of own culture | 199350, 4 |

**Learning Outcome**
By comparison, recognize and discuss the influence of their own cultural background on their attitudes, beliefs, and worldview.

| Title | Tags |
| --- | --- |
| Conduct research | 199352, 5 |

**Learning Outcome**
Engage in research that demonstrate an advanced awareness of cultural and historical knowledge.

| Title | Tags |
| --- | --- |
| Describe geographic regions | 199363, 1 |

**Learning Outcome**
Describe the principal geographic regions, that might include topological features, important cities, etc.

| Title | Tags |
| --- | --- |
| Connecting Learning to Life: Industry Knowledge | 199639, 2 |

**Learning Outcome**
Demonstrate an understanding of the translation industry, including questions of localization and domain.

| Title | Tags |
| --- | --- |
| Critical Thinking and Expression: Evaluation | 199640, 1 |

**Learning Outcome**
Demonstrate the ability to evaluate translation quality according to criteria such as conformity to specifications (e.g., audience, translator's purpose).

## SPAN 361 - Spanish to English Translation

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
361

**Teaching Area**
SPAN

**Course Title**
Spanish to English Translation

**Course Description**
Exploration of theory and practical applications of Spanish to English translation and interpretation, with practice in translating various textual genres.

**Department**
Spanish & Portuguese

**When Taught**
Fall

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 360 - Introduction to Translation

**Additional Comments:**

## SPAN 362 - English to Spanish Translation

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
362

**Teaching Area**
SPAN

**Course Title**
English to Spanish Translation

**Course Description**
Exploration of theory and practical applications of English to Spanish translation, with attention to translating specialized texts and developing knowledge of the translation industry.

**Department**
Spanish & Portuguese

**When Taught**
Winter

**Credit Hours**

**Min**
3

**Fixed**
3

**Lecture Hours**

**Fixed**
3

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 360 - Introduction to Translation
  **AND** SPAN 361 - Spanish to English Translation

**Additional Comments:**

## SPAN 376 - Techniques of Spanish Instruction

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
376

**Teaching Area**
SPAN

## SPAN 377 - Spanish Teaching Methods 1

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
377

**Teaching Area**
SPAN

**Course Title**

SPAN
**Course Title**
Techniques of Spanish Instruction
**Course Description**
Instructional strategies and methodological approaches for developing proficiency and intercultural competence in Spanish. Key topics include standards-based lesson planning/curriculum development, use of technology, performance-based assessment, and addressing student diversity.
**Department**
Spanish & Portuguese
**When Taught**
Fall, Winter, Summer

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

**Note**
For students not enrolled in Spanish teaching major or minor.

| Title | Tags |
|---|---|
| Discuss theories of language learning | 199312, 1 |

**Learning Outcome**
Discuss basic theories of language teaching and learning.

| Title | Tags |
|---|---|
| Plan units and lessons | 199313, 2 |

**Learning Outcome**
Plan Standards-based units and lessons, aligning assessments

Spanish Teaching Methods 1
**Course Description**
Historical and theoretical trends in language teaching; standards- and proficiency-based lesson planning; strategies for teaching in the target language; teaching of interpersonal and presentational speaking skills; contextualized approaches for teaching grammar, and vocabulary; strategies for developing intercultural competence; and development of skills in general educational technologies common across disciplines. First of a two-semester sequence for Spanish Teaching majors and minors; fulfills methods course requirement for Dual Language Immersion Teaching minors.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

**Other Prerequisites**
Teaching major or minor status; instructor's consent.

| Title | Tags |
|---|---|
| Advocate for the benefits of language learning | 199606, 1 |

**Learning Outcome**
Advocate for the benefits of developing proficiency in a world language to students, parents, and colleagues.

| Title |
|---|

with learning objectives.

| Title | Tags |
| --- | --- |
| Teach language skills | 199314, 3 |

**Learning Outcome**
Teach beginning-level vocabulary, grammar, culture, and the four skills (speaking, listening, reading, writing).

| Title | Tags |
| --- | --- |
| Assess learning | 199315, 4 |

**Learning Outcome**
Assess students' language and culture learning.

| Title | Tags |
| --- | --- |
| Implement standards- and proficiency-based lesson planning | 199607, 3 |

**Learning Outcome**
Use a textbook (and/or relevant state and local curriculum documents) to plan effective language lessons that help K-12 students meet each of the World-Readiness Standards for Learning Languages and promote language proficiency as outlined in the ACTFL Proficiency Guidelines.

| Title | Tags |
| --- | --- |
| Apply strategies for teaching in the target language | 199608, 5 |

**Learning Outcome**
Apply effective strategies for conducting class in the target language, including techniques for making input comprehensible, providing instruction to beginning learners, and managing classroom activities and student behavior.

| Title | Tags |
| --- | --- |
| Teach interpersonal and presentational speaking skills | 199609, 6 |

**Learning Outcome**
Develop well-scaffolded instructional activities for supporting the growth of K-12 students' oral proficiency in the interpersonal and presentational modes.

| Title | Tags |
| --- | --- |
| Apply contextualized approaches for teaching grammar and vocabulary | 199610, 7 |

**Learning Outcome**
Apply contextualized approaches to teaching grammar and vocabulary that support K-12 students in noticing, inducing, and appropriating language patterns and structures for achieving their own communicative goals.

| Title | Tags |
| --- | --- |
| Promote development of | |

intercultural competence | 199611, 8

**Learning Outcome**
Contextualize language learning experiences in cultural products, practices, and perspectives using interactive techniques for developing interculturality.

**Title**
Develop skills in general educational technologies

**Tags**
199612, 4

**Learning Outcome**
Locate, evaluate, and integrate high quality information, culturally authentic materials, instructional resources, and media sources into language lessons in ways that avoid biased portrayals of diverse identities and reflect current ethical, legal, and professional standards of use regarding copyrighted materials, creative commons media, and social media.

**Title**
Discuss historical and theoretical trends in language teaching

**Tags**
199613, 2

**Learning Outcome**
Discuss major historical trends and theories of second language acquisition in world language teaching.

## SPAN 378 - Spanish Teaching Methods 2

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
378

**Teaching Area**
SPAN

**Course Title**
Spanish Teaching Methods 2

**Course Description**
Innovative approaches to unit planning; teaching of interpretive reading and listening skills; teaching of presentational writing skills; assessing language and culture learning; enhancing instruction with technology; adapting instruction for diverse learners; and becoming a professionally-engaged language educator. Second course in a two-semester sequence for Spanish Teaching majors and minors.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

## SPAN 380 - Practicum in Teaching Spanish

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
380

**Teaching Area**
SPAN

**Course Title**
Practicum in Teaching Spanish

**Course Description**
Implementing meaningful and engaging instruction for secondary students in Spanish; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

### Credit Hours

**Min**

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 377 - Spanish Teaching Methods 1

**Additional Comments:**

**Other Prerequisites**
Either (a) be accepted to the Spanish Teaching B.A. program, or (b) have declared a minor in Spanish Teaching, with a teaching major in another subject area.

**Title**
Plan instructional units using innovative approaches

**Tags**
199614, 1

**Learning Outcome**

Plan effective instructional units using innovative approaches such as theme-based or project-based language learning that help K-12 students develop language proficiency and interculturality.

**Title**
Teach interpretive reading and listening skills

**Tags**
199615, 2

**Learning Outcome**

Develop well-scaffolded instructional activities for supporting the growth of K-12 students' proficiency in interpretive reading and listening.

1

**Fixed**
1

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 377 - Spanish Teaching Methods 1

**Additional Comments:**

**Other Prerequisites**
concurrent enrollment in Span 378; Spanish Teaching major status

**Title**
Create appropriate learning experiences

**Tags**
198983, 1

**Learning Outcome**
Craft meaningful, standards-based, developmentally and contextually appropriate language learning experiences in Spanish for students

**Title**
Engage students in culture learning

**Tags**
198984, 2

**Learning Outcome**
Contextualize language learning experiences in cultural products, practices, and perspectives using various techniques for engaging students in critical thinking and problem-solving regarding culture

**Title**
Informally assess student understanding

**Tags**
198985, 3

**Learning Outcome**
Use informal assessments to evaluate students'

| Title | Tags |
| --- | --- |
| Teach presentational writing skills | 199616, 3 |

**Learning Outcome**

Develop activities for supporting students throughout the writing process and helping them attend to issues such as the purpose for writing and the intended audience.

| Title | Tags |
| --- | --- |
| Assess language and culture learning | 199617, 4 |

**Learning Outcome**

Develop and adapt assessments, including tests as well as rubrics, checklists, and other alternative forms of assessment, to assess student performance and select appropriate strategies for error correction and feedback to improve performance.

| Title | Tags |
| --- | --- |
| Integrate technology to support student learning | 199618, 5 |

**Learning Outcome**

Integrate current technologies appropriate to language education to support student learning, develop language proficiency and cultural competence, improve professional productivity, and facilitate professional growth, making accommodations for differential access to technology.

| Title | Tags |
| --- | --- |
| Adapt instruction for diverse learners | 199619, 6 |

**Learning Outcome**

Plan for adapting instruction and appropriately integrating technology to meet the individual learning needs of all students (including students with disabilities, culturally diverse learners, heritage speakers, native speakers, and gifted students) in the mainstream language classroom.

to evaluate students understanding

| Title | Tags |
| --- | --- |
| Reflect on professional practice | 198986, 4 |

**Learning Outcome**

Engage in professional dialogue and reflection with your mentor teacher to improve your own professional practice

| Title | Tags |
| --- | --- |
| Compare and contrast program models | 199620, 7 |

**Learning Outcome**

Compare and contrast the features of various language program models that are used in different settings for different purposes, student populations, and age groups.

| Title | Tags |
| --- | --- |
| Become a professionally-engaged world language educator | 199621, 8 |

**Learning Outcome**

Participate professionally in the school community, in professional organizations and professional development activities, and engage in professional dialogue and reflection with colleagues to improve personal teaching skills and world language programs.

## SPAN 395R - Contemporary Culture

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
395R

**Teaching Area**
SPAN

**Course Title**
Contemporary Culture

**Course Description**
Contemporary Spanish (or Spanish- American) culture: the people and their customs and institutions.

**Department**
Spanish & Portuguese

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
For Study Abroad programs only.

| Title | Tags |
| --- | --- |
| Micro-Cultural Comptetence | 198943, 1 |

## SPAN 399R - Academic Internship: Spanish Language Field Experience

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
399R

**Teaching Area**
SPAN

**Course Title**
Academic Internship: Spanish Language Field Experience

**Course Description**
On-the-job experience.

**Department**
Spanish & Portuguese

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
6

### Lecture Hours

**Fixed**

Learning Outcome
Through a series of cultural proofs (visits, interviews, observations), develop a familiarity with the host culture at the level of the individual.

| Title | Tags |
| --- | --- |
| Macro-Cultural Competence | 198944, 2 |

Learning Outcome
Through readings, develop a familiarity with macro forces (historical, political, economical) that have shaped the host culture.

Fixed
0

### Lab Hours

Fixed
0

Other Prerequisites
Program coordinator's consent
Note
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Professional Competencies | 199157, 0, 0 |

Learning Outcome
Students will be able to identify, through evidence-based narrative, key professional competencies in context.

| Title | Tags |
| --- | --- |
| Reflection | 209530, 0, 1 |

Learning Outcome
Students will be able to translate the value of professional development experience through guided reflection activites in order to tell their story.

## SPAN 411 - Spanish Conversation at the Superior Level

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 411 |

Teaching Area
SPAN
Course Title
Spanish Conversation at the Superior Level
Course Description
Development of interpersonal and presentational speaking skills in Spanish at the ACTFL Superior level. Intended for students with a solid mastery of Spanish grammar who desire to develop highly-refined speaking skills.
Department
Spanish & Portuguese
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed

## SPAN 421 - Fourth-Year Grammar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 421 |

Teaching Area
SPAN
Course Title
Fourth-Year Grammar
Course Description
Fourth-year study of Spanish grammar and usage.
Department
Spanish & Portuguese
When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Interpersonal Communication | 209482, 0, 1 |

**Learning Outcome**
Participate fully and effectively in discussions and debates on topics ranging from broad general interests to areas of specialized expertise, including supporting arguments and exploring hypotheses.

| Title | Tags |
|---|---|
| Presentational Communication | 209483, 0, 2 |

**Learning Outcome**
Deliver extended presentations on abstract or hypothetical issues and ideas ranging from broad general interests to areas of specialized expertise, with precision of expression and to a variety of audiences.

## SPAN 423 - Border Spanish

**Lecture Hours**

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Listening Comprehension | 199224, 5 |

**Learning Outcome**
Improve listening comprehension of authentic Spanish sources.

| Title | Tags |
|---|---|
| Vocabulary | 199235, 3 |

**Learning Outcome**
Enrich passive and active vocabularies of Spanish.

| Title | Tags |
|---|---|
| Syntactic Structures | 199237, 2 |

**Learning Outcome**
Improve the knowledge of syntactic structures of Spanish.

| Title | Tags |
|---|---|
| Spanish Writing | 198967, 0, 4 |

**Learning Outcome**
Demonstrate competence in writing short essays in Spanish that conform to the "advanced" level as described in the ACTFL proficiency guidelines.

## SPAN 425 - Contrastive Analysis of the

## Course Information

**Teaching Area (new)**
SPAN
**Course Number**
423
**Teaching Area**
SPAN
**Course Title**
Border Spanish
**Course Description**
Mexican-American speech patterns, including language contact and bilingualism.
**Department**
Spanish & Portuguese
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 325 - Survey of Hispanic Linguistics

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 326 - Spanish Phonetics and Pronunciation

**Additional Comments:**

**Note**
Previous course in linguistics strongly recommended.

| Title | Tags |
|---|---|
| Theoretical constructs | 199168, 1 |

**Learning Outcome**
Students will understand and be able to describe succinctly S-E

# Structures of Spanish and English

## Course Information

**Teaching Area (new)**
SPAN
**Course Number**
425
**Teaching Area**
SPAN
**Course Title**
Contrastive Analysis of the Structures of Spanish and English
**Course Description**
Contrastive analysis of phonology, morphology, syntax, and semantics of Spanish and English.
**Department**
Spanish & Portuguese
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 325 - Survey of Hispanic Linguistics

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 326 - Spanish Phonetics and Pronunciation

**Additional Comments:**

| Title | Tags |
|---|---|
| Solving Linguistic Problems | 198987, 3 |

**Learning Outcome**
Be able to solve linguistic problems in the teaching and learning of a second language

bilingual contact phenomena, such as borrowing, code-switching, and language maintenance/shift.

| Title | Tags |
| --- | --- |
| Cultural Awareness | 199222, 2 |

**Learning Outcome**
Students will gain a greater understanding of and appreciation for Mexicans and Mexican-Americans living in the U.S.

| Title | Tags |
| --- | --- |
| Linguistic Knowledge of Border Spanish | 199233, 0 |

**Learning Outcome**
Students will demonstrate a knowledge of principal features of (Mexican-American) Popular Spanish in terms of semantics, morphosyntax, and phonetics/phonology.

learning of a second language.

| Title | Tags |
| --- | --- |
| Assumptions in Modern Linguistics | 199199, 4 |

**Learning Outcome**
Learn what the assumptions of modern linguistics are (e.g., natural language is based on the use of signs; language is a social phenomenon; oral language takes precedence over written language; linguistics is descriptive, not prescriptive; variation is intrinsic to language; language is highly structured; there are linguistic universals; etc.)

| Title | Tags |
| --- | --- |
| Basic Principles of Linguistics | 199703, 1 |

**Learning Outcome**
Students will learn the basic principles of the major fields of linguistics; i.e., phonetics, phonology, morphology, semantics, syntax, pragmatics, and sociolinguisitics.

| Title | Tags |
| --- | --- |
| Contrasting English and Spanish | 199704, 2 |

**Learning Outcome**
Students will be able to explain the chief differences and similarities between the linguistic structures of the English and Spanish languages.

## SPAN 429R - Special Topics in Spanish Linguistics

### Course Information

**Teaching Area (new)**
SPAN
**Course Number**
429R
**Teaching Area**
SPAN
**Course Title**
Special Topics in Spanish Linguistics
**Course Description**
Course content varies yearly; focuses on specific area of linguistics such as dialectology or sociolinguistics.
**Department**
Spanish & Portuguese
**When Taught**

## SPAN 437R - Women Writers in Spanish

### Course Information

**Teaching Area (new)**
SPAN
**Course Number**
437R
**Teaching Area**
SPAN
**Course Title**
Women Writers in Spanish
**Course Description**
Readings and research about women writers in Spanish and their texts.
**Department**
Spanish & Portuguese
**When Taught**
Fall

Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 325 - Survey of Hispanic Linguistics

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 326 - Spanish Phonetics and Pronunciation

**Additional Comments:**

| Title | Tags |
|---|---|
| Read and analyze research | 199532, 1 |

**Learning Outcome**
Read and analyze research articles related to special topic.

| Title | Tags |
|---|---|
| Prepare a research paper/project | 199533, 2 |

**Learning Outcome**
Produce an original research paper/project centered on the theme of the seminar.

| Title | Tags |
|---|---|
| Read and analyze research | 199475, 1 |

**Learning Outcome**

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Identify key women authors and texts | 207042, 1 |

**Learning Outcome**
Identify key women authors who write in Spanish and describe the significance of some of their texts.

| Title | Tags |
|---|---|
| Critically read and analyze texts | 207043, 2 |

**Learning Outcome**
Critically read women-authored texts and analyze them within their cultural and literary contexts.

| Title | Tags |
|---|---|
| Identify cultural issues affecting women writers | 207047, 3 |

**Learning Outcome**
Identify specific cultural practices from the Spanish-speaking world that have impinged on women writers and their texts.

Read and analyze research articles related to special topic.

| Title | Tags |
| --- | --- |
| Prepare a research paper/project | 199477, 2 |

**Learning Outcome**
Produce an original research paper/project centered on the theme of the seminar.

| Title | Tags |
| --- | --- |
| Read and analyze research | 199528, 1 |

**Learning Outcome**
Read and analyze research articles related to special topic.

| Title | Tags |
| --- | --- |
| Prepare a research paper/project | 199529, 2 |

**Learning Outcome**
Produce an original research paper/project centered on the theme of the seminar.

| Title | Tags |
| --- | --- |
| Read and analyze research | 199530, 1 |

**Learning Outcome**
Read and analyze research articles related to special topic.

| Title | Tags |
| --- | --- |
| Prepare a research paper/project | 199531, 2 |

**Learning Outcome**
Produce an original research paper/project centered on the theme of the seminar.

| Title | Tags |
| --- | --- |
| Read and analyze research | 199534, 1 |

**Learning Outcome**
Read and analyze research articles related to special topic.

| Title | Tags |
| --- | --- |
| Prepare a research paper/project | 199535, 2 |

**Learning Outcome**
Produce an original research paper/project centered on the theme of the seminar.

| Title | Tags |
| --- | --- |
| Engage in self-reflection | 207073, 5 |

**Learning Outcome**
Articulate the ways in which cultural practices related to gender have affected their own lives.

| Title | Tags |
| --- | --- |
| Discuss critical questions in relation to women writers | 207076, 4 |

**Learning Outcome**
Identify major questions in the current critical discourse related to women writers and engage those questions in relation to specific woman-authored text(s) in competent written essays.

| Title | Tags |
| --- | --- |
| Read and analyze research | 199536, 1 |

**Learning Outcome**
Read and analyze research articles related to special topic.

| Title | Tags |
| --- | --- |
| Prepare a research paper/project | 199537, 2 |

**Learning Outcome**
Produce an original research paper/project centered on the theme of the seminar.

| Title | Tags |
| --- | --- |
| Read and analyze research | 199538, 1 |

**Learning Outcome**
Read and analyze research articles related to special topic.

| Title | Tags |
| --- | --- |
| Prepare a research paper/project | 199539, 2 |

**Learning Outcome**
Produce an original research paper/project centered on the theme of the seminar.

## SPAN 438 - Hispanic Cinema

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 438 |

**Teaching Area**
SPAN
**Course Title**
Hispanic Cinema
**Course Description**
Introduction to study of film; background in appreciating best of motion picture art in Spain and Spanish America.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## SPAN 439R - Hispanic Theatre Production

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 439R |

**Teaching Area**
SPAN
**Course Title**
Hispanic Theatre Production
**Course Description**
Theory and practice of dramatic performance. Includes participation in play to be performed during semester.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

**Note**
Previous experience with film useful but not required.

| Title | Tags |
|---|---|
| Apply tools of film analysis | 199408, 1 |

**Learning Outcome**
Demonstrate a mastery of basic tools of film analysis through the study of a variety of films from various film industries from Spain and Spanish America.

| Title | Tags |
|---|---|
| Recognize film history | 199409, 2 |

**Learning Outcome**
Recognize key moments and figures of film industries of Spain and Spanish America

| Title | Tags |
|---|---|
| Write persuasive essays | 199410, 3 |

**Learning Outcome**
Write cogent, persuasive essays using the tools of film analysis.

## SPAN 440 - Medieval Spanish Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SPAN | 440 |

Teaching Area

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Other Prerequisites**
Director's consent
**Note**
No more than 3 hours of 439R credit may count toward any degree.

| Title | Tags |
|---|---|
| Participate in production of a play | 199470, 2 |

**Learning Outcome**
Participate in the production of a play during the course of the semester.

| Title | Tags |
|---|---|
| Demonstrate understanding of dramatic theory and practice | 199471, 1 |

**Learning Outcome**
Demonstrate understanding of the theory and practice of dramatic performances.

| Title | Tags |
|---|---|
| Develop research and writing skills | 199473, 3 |

**Learning Outcome**
Develop skills in researching and writing about theatre.

## SPAN 443R - Golden Age Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SPAN | 443R |

Teaching Area

SPAN
**Course Title**
Medieval Spanish Literature
**Course Description**
Spanish literature from *El Cantar de Mio Cid* (1140) through *La Celestina* (1499).
**Department**
Spanish & Portuguese
**When Taught**
Fall Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Discuss and assess important texts | 199503, 1 |

**Learning Outcome**
Discuss and assess the most important texts of the Spanish medieval tradition, including such works as El cantar de Mio Cid and La Celestina.

| Title | Tags |
|---|---|
| Discuss historical and social context | 199505, 2 |

**Learning Outcome**
Demonstrate an awareness of the historical and socio-cultural backdrop of Hispanic medieval literature

SPAN
**Course Title**
Golden Age Literature
**Course Description**
Sixteenth- and seventeenth-century Spanish literature.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Historical and Literary Context | 198968, 2 |

**Learning Outcome**
Students will be able to analyze the texts studied in terms of the historical, cultural, and literary context of the Early Modern world.

| Title | Tags |
|---|---|
| Genre | 198969, 3 |

**Learning Outcome**
Students will be able to describe, analyze and discuss one or more of the genres of Early Modern Spanish literature and the conventions connected with the genre(s).

literature.

| Title | Tags |
| --- | --- |
| Conduct research | 199508, 3 |

Learning Outcome
Meaningfully and appropriately engage with the most relevant secondary scholarship on Spanish medieval literature.

| Title | Tags |
| --- | --- |
| Write about literature | 199510, 4 |

Learning Outcome
Demonstrate an ability to write meaningfully and insightfully about Spanish medieval literature, observing relevant academic protocols.

| Title | Tags |
| --- | --- |
| Authors | 199216, 0 |

Learning Outcome
Students will be able to demonstrate knowledge about one or more authors from the 16th and/or 17th centuries.

| Title | Tags |
| --- | --- |
| Life-long reading | 199225, 4 |

Learning Outcome
Students will develop the skills necessary to appreciate and enjoy reading Early Modern Spanish texts.

| Title | Tags |
| --- | --- |
| Research and Writing | 199240, 3 |

Learning Outcome
Students will strengthen their research and writing skills by producing essays about, editions of, and/or translations of 16th and 17th-century Spanish texts.

## SPAN 444 - Don Quijote.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 444 |

Teaching Area
SPAN
Course Title
*Don Quijote.*
Course Description
In-depth study of Cervantes' *El ingenioso hidalgo don Quijote de la Mancha.*
Department
Spanish & Portuguese
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

## SPAN 446R - Nineteenth-Century Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 446R |

Teaching Area
SPAN
Course Title
Nineteenth-Century Literature
Course Description
Romanticism (1770s through 1870s) and/or the novels of Benito Perez Galdos and his contemporaries.
Department
Spanish & Portuguese
When Taught
Fall and Winter

### Credit Hours

Min
3
Fixed
3

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Reading the text | 198970, 1 |

**Learning Outcome**
Students will read Don Quijote de la Mancha in its original version, taking into account plot and character development, symbolism, cultural and literary context, literary antecedents, and subsequent influence.

| Title | Tags |
|---|---|
| Theory and Interpretation | 198971, 2 |

**Learning Outcome**
Students will comment on different strategies for reading, writing and translating (using critical vocabulary) as discussed in the Quijote, and will explain the different critical stances, including the "hard" perspective and the "soft" perspective.

| Title | Tags |
|---|---|
| Realism, Metafiction | 198972, 4 |

**Learning Outcome**
Students willanswer the question of whether el Quijote really is the first modern novel as many claim it to be. Students will identify and analyze episodes in the novel that display realism and metafiction, and will recognize the impact the Quijote has had on the development of these modes in the subsequent development of the western novel

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Approaches | 199371, 2 |

**Learning Outcome**
Apply relevant analytical and theoretical approaches to the subject matter in question.

| Title | Tags |
|---|---|
| Detailed Knowledge | 199375, 1 |

**Learning Outcome**
Demonstrate a detailed knowledge of Spanish romantic and/or realist literature.

novel.

| Title | Tags |
| --- | --- |
| Genre | 199158, 3 |

**Learning Outcome**
Students will trace the stylistic innovations introduced by Cervantes in the Quijote, and its intersections with other genres (e.g. theater, poetry).

## SPAN 447R - Special Topics in Cultures of Spain

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 447R |

**Teaching Area**
SPAN
**Course Title**
Special Topics in Cultures of Spain
**Course Description**
An in-depth examination of some aspect of Iberian culture and civilization. Subject matter will vary. This course is recommended for those individuals who may already have a broad exposure to the culture and civilization of Spain and/or those who desire a more focused cultural experience.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## SPAN 448R - Twentieth-Century Spanish Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 448R |

**Teaching Area**
SPAN
**Course Title**
Twentieth-Century Spanish Literature
**Course Description**
Genre (twentieth-century novel, drama, or poetry) or particular school (Generation of 1898, Generation of 1927, etc.) emphasized.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

| Title | Tags |
|---|---|
| Identify, describe, and discuss cultural aspects | 199487, 0, 1, 2020-10-13 12:24:29 |

**Learning Outcome**
Identify, describe, and discuss aspects of a specific culture or non-literary cultural topic or theme.

| Title | Tags |
|---|---|
| Critically analyze cultural products and practices | 199486, 0, 2, 2020-10-13 12:24:29 |

**Learning Outcome**
Critically analyze cultural products and practices in their historical and social contexts from the perspectives of members of the culture.

| Title | Tags |
|---|---|
| Conduct cultural research | 199488, 0, 3, 2020-10-13 12:24:29 |

**Learning Outcome**
Conduct research on a particular cultural topic and formally present the results in oral presentations or written papers.

**Additional Comments:**

| Title | Tags |
|---|---|
| Advanced Research and Writing | 198973, 3 |

**Learning Outcome**
Develop advanced skills in research techniques and academic writing.

| Title | Tags |
|---|---|
| Literary Analysis | 198974, 4 |

**Learning Outcome**
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to 20th-century Spanish Literature.

| Title | Tags |
|---|---|
| Critical Practice | 199198, 1 |

**Learning Outcome**
Demonstrate ability to apply key terms in critical practice (e.g., practical criticism, structural analysis, hermeneutics, etc.).

| Title | Tags |
|---|---|
| Literary History | 199203, 0 |

**Learning Outcome**
Demonstrate thorough understanding of twentieth-century Spanish literary history.

## SPAN 449R - Special Topics in Spanish Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SPAN | 449R |

**Teaching Area**
SPAN
**Course Title**
Special Topics in Spanish Literature
**Course Description**
Specific topics in Spanish (peninsular) literature. Course content will vary each semester to offer optimum exposure to all areas of Spanish literature.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

## SPAN 450R - Early Spanish-American Literature

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SPAN | 450R |

**Teaching Area**
SPAN
**Course Title**
Early Spanish-American Literature
**Course Description**
Indigenous literature (Maya, Nahuatl, etc.) and other texts written in Spanish Colonial America through eighteenth century.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Aesthetic Constructs, Genres, and Context | 198975, 1 |

**Learning Outcome**
Recognize aesthetic constructs, genre differences and similarities, ideological trends, and historical contexts.

| Title | Tags |
|---|---|
| Literary Analysis | 199165, 4 |

**Learning Outcome**
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to special topics in Spanish Literature.

| Title | Tags |
|---|---|
| Research | 199227, 2 |

**Learning Outcome**
Write essays in Spanish, including one final research paper, that demonstrate an

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Apply theoretical approaches | 199498, 0 |

**Learning Outcome**
Apply a variety of analytical and theoretical approaches to the study of early Spanish American writings as literature and as a reflection of the early cultures of the Spanish-speaking countries of the Americas.

| Title | Tags |
|---|---|
| Demonstrate textual knowledge | 199500, 2 |

**Learning Outcome**
Demonstrate a strong knowledge of a broad range of the important literary and historical texts of the early Spanish American period and of the historical and cultural contexts in which they were produced.

| Title | Tags |
|---|---|
| Critically analyze literature | 199499, 1 |

**Learning Outcome**
Demonstrate an ability to

advanced knowledge of the use of language and literary criticism.

| Title | Tags |
| --- | --- |
| Literary Study Skills | 199231, 3 |

**Learning Outcome**
Develop the habits and skills for Spanish literary study that inspire continued learning.

critically analyze early Spanish American literature through insightful in-class participation, oral presentations, and written assignments.

| Title | Tags |
| --- | --- |
| Critically analyze literature | 200191, 1 |

**Learning Outcome**
Demonstrate an ability to critically analyze early pre-Columbian literature through insightful in-class participation, oral presentations, and written assignments.

## SPAN 452 - U.S. Latinx Literature

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 452 |

**Teaching Area**
SPAN
**Course Title**
U.S. Latinx Literature
**Course Description**
Spanish-English literature of the Mexican-American within the United States.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## SPAN 454R - The Spanish American Novel

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 454R |

**Teaching Area**
SPAN
**Course Title**
The Spanish American Novel
**Course Description**
Selected Spanish-American novelists such as Juan Rulfo, Gabriel Garcia Marquez, Alejo Carpentier, Mario Vargas-Llosa, etc.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

**Title**
Summarize and discuss literary history

**Tags**
199511, 0

**Learning Outcome**
Summarize and discuss Mexican-American literary history.

**Title**
Conduct research and write academically

**Tags**
199513, 1

**Learning Outcome**
Develop advanced skills in research techniques and academic writing.

**Title**
Apply tools of literary analysis

**Tags**
199516, 3

**Learning Outcome**
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to Mexican-American Literature.

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

**Title**
Demonstrate understanding of contexts

**Tags**
199482, 1

**Learning Outcome**
Demonstrate a strong understanding of the historical, social, and literary contexts of the novels and authors studied.

**Title**
Interpret novels

**Tags**
199484, 2

**Learning Outcome**
Demonstrate critical acuity in interpreting individual novels, drawing appropriately on the tools of literary criticism and theory.

**Title**
Prepare a research paper

**Tags**
199485, 3

**Learning Outcome**
Express one's insights in a research paper which makes appropriate use of secondary sources and demonstrates mastery of MLA protocols.

## SPAN 455R - Spanish-American Poetry.

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
455R

**Teaching Area**
SPAN

**Course Title**
Spanish-American Poetry.

**Course Description**
Selected Spanish-American poets, movements, and national traditions.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

## SPAN 456R - Spanish American Drama

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
456R

**Teaching Area**
SPAN

**Course Title**
Spanish American Drama

**Course Description**
Twentieth-century theatre from Spanish America and Brazil.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Poetry Interpretation | 199036, 1 |

**Learning Outcome**
Demonstrate critical acuity in interpreting individual poems, making appropriate reference to formal poetic devices.

| Title | Tags |
|---|---|
| Poetry Contexts | 199037, 2 |

**Learning Outcome**
Demonstrate a grasp of the historical, social, and literary contexts of the poems and poets studied.

| Title | Tags |
|---|---|
| Research Paper | 199038, 3 |

**Learning Outcome**
Express one's insights in a research paper which makes appropriate use of secondary sources.

## SPAN 457R - Special Topics in Cultures of Spanish America

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Detailed Knowledge | 199372, 1 |

**Learning Outcome**
Demonstrate a detailed knowledge of a particular topic, text or set of texts, or author(s) from the Spanish literary tradition.

| Title | Tags |
|---|---|
| Approaches | 199373, 2 |

**Learning Outcome**
Apply relevant analytical and theoretical approaches to the subject matter in question.

| Title | Tags |
|---|---|
| Professionalism | 199374, 3 |

**Learning Outcome**
Demonstrate professionalism in all facets of the course, including oral presentations and signficant writing assignments.

## SPAN 458R - Hispanic-American Short Story

**Course Information**

## Course Information

**Teaching Area (new)**
SPAN

**Course Number**
457R

**Teaching Area**
SPAN

**Course Title**
Special Topics in Cultures of Spanish America

**Course Description**
An in-depth examination of some aspect of Spanish American culture and civilization. Subject matter will vary. This course is recommended for those individuals who may already have a broad exposure to the culture and civilization of the Spanish-speaking countries of the Americas and/or those who desire a more focused cultural experience.

**Department**
Spanish & Portuguese

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

**Title**
Identify, describe, and discuss cultural aspects

**Tags**
199489, 0, 1, 2020-10-13 12:24:50

**Learning Outcome**
Identify, describe, and discuss aspects of a specific culture or non-literary cultural topic or theme.

**Title**

## Course Information

**Teaching Area (new)**
SPAN

**Course Number**
458R

**Teaching Area**
SPAN

**Course Title**
Hispanic-American Short Story

**Course Description**
Introduction and development of an important literary genre in Spanish America, including works of Jorge Luis Borges, Julio Cortazar, Juan Rulfo, Gabriel Garcia Marquez, etc.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

**Title**
History and Key Figures

**Tags**
198976, 3

**Learning Outcome**
Gain a working knowledge of the history and principal figures of the Spanish American short story.

**Title**
Basic Bibliography

**Tags**
199162, 0

**Learning Outcome**
Master basic bibliographical techniques related to the short

| Title | Tags |
| --- | --- |
| Critically analyze cultural products and practices | 199490, 0, 2, 2020-10-13 12:24:50 |

**Learning Outcome**
Critically analyze cultural products and practices in their historical and social contexts from the perspectives of members of the culture.

| Title | Tags |
| --- | --- |
| Conduct cultural research | 199491, 0, 3, 2020-10-13 12:24:50 |

**Learning Outcome**
Conduct research on a particular cultural topic and formally present the results in oral presentations or written papers.

story genre.

| Title | Tags |
| --- | --- |
| Formal Aspects of the Short Story | 199195, 1 |

**Learning Outcome**
Demonstrate a firm grasp of the formal aspects of the short story genre.

## SPAN 459R - Special Topics in Spanish American Literature

### Course Information

**Teaching Area (new)**
SPAN
**Course Number**
459R
**Teaching Area**
SPAN
**Course Title**
Special Topics in Spanish American Literature
**Course Description**
Specific topics in Latin American literature. Course content will vary each semester to offer optimum exposure to all areas of Latin American literature.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## SPAN 465 - Spanish for Medical Interpretation

### Course Information

**Teaching Area (new)**
SPAN
**Course Number**
465
**Teaching Area**
SPAN
**Course Title**
Spanish for Medical Interpretation
**Course Description**
Teaching of English and Spanish medical vocabulary by body systems and associated medical specialties, ethics and standards of practice professional medical interpreters, and different modes of translation and interpretation.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature

**Additional Comments:**

| Title | Tags |
|---|---|
| Aesthetic Constructs, Genres, and Context | 198977, 1 |

**Learning Outcome**
Recognize aesthetic constructs, genre differences and similarities, ideological trends, and historical contexts.

| Title | Tags |
|---|---|
| Literary Study Skills | 198978, 3 |

**Learning Outcome**
Develop the habits and skills for Spanish literary study that inspire continued learning.

| Title | Tags |
|---|---|
| Literary Analysis | 198979, 4 |

**Learning Outcome**
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to special topics in Spanish-American Literature.

| Title | Tags |
|---|---|
| Research | 199166, 2 |

**Learning Outcome**
Write essays in Spanish, including one final research paper, that demonstrate an advanced knowledge of the use of language and literary criticism.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture
  **AND** SPAN 323A - Spanish for Medical Professions

**Additional Comments:**

**Other Prerequisites**
Rating of Advanced Mid or better on the ACTFL Oral Proficiency Interview (OPI).

| Title | Tags |
|---|---|
| Apply medical terminology | 207037, 1 |

**Learning Outcome**
Learn and use medical terminology by body system and medical specialty in English and Spanish in simulated/real healthcare interpreting settings.

| Title | Tags |
|---|---|
| Describe the health care profession | 207038, 2 |

**Learning Outcome**
Identify and describe the basics of the profession of healthcare interpretation.

| Title | Tags |
|---|---|
| Discuss responsibilities of interpreters | 207039, 3 |

**Learning Outcome**
Discuss the functions and responsibilities of healthcare interpreters and explain the different modes of interpretation (consecutive, simultaneous and sight translation, interpretation by telephone or video).

| Title | Tags |
|---|---|
| Discuss laws and standards | 207040, 4 |

**Learning Outcome**
Discuss the laws, standards and regulations relevant to the profession, as well as ethical aspects, principles and standards of profession interpreter practice.

| Title | Tags |
| --- | --- |
| Apply interpretation skills | 207041, 5 |

**Learning Outcome**
Apply necessary skills and established protocols for medical interpretation.

## SPAN 467 - History and Theory of Translation

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
467

**Teaching Area**
SPAN

**Course Title**
History and Theory of Translation

**Course Description**
History of translation as a discipline, with attention to core methodological and philosophical issues and challenges. Survey of past agents of translation, key translated texts, and translation in the Western world, particularly the Spanish-speaking tradition.

**Department**
Spanish & Portuguese

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 360 - Introduction to Translation

**Additional Comments:**

## SPAN 468 - Literary Translation

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
468

**Teaching Area**
SPAN

**Course Title**
Literary Translation

**Course Description**
In-depth, project-based study of theory, criticism, and practice of translating various literary genres, focusing on Spanish-English and English-Spanish. Recommended for students who already have broad exposure to translation and desire a more focused experience.

**Department**
Spanish & Portuguese

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 330 - Introduction to Hispanic Literature
  **AND** SPAN 360 - Introduction to Translation

**Additional Comments:**

## SPAN 469 - Translation and Interpretation Project

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
469

## SPAN 476 - Secondary Spanish Student Teaching

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
476

**Teaching Area**
SPAN
**Course Title**
Translation and Interpretation Project
**Course Description**
Individual translation and/or interpretation projects.
**Department**
Spanish & Portuguese
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Translation Theory | 198965, 1 |

**Learning Outcome**
Demonstrate an understanding of how translation theory has developed, particularly since the 1900s

| Title | Tags |
| --- | --- |
| Translation Theory | 198966, 2 |

**Learning Outcome**
Demonstrate understanding of translation theory by completing a detailed theoretical introduction for the capstone project.

**Teaching Area**
SPAN
**Course Title**
Secondary Spanish Student Teaching
**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
12

**Fixed**
12

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Completion of all course work or departmental approval; requires a major GPA of 2.85; at least a C- in Span 377, 378, and 380

| Title | Tags |
| --- | --- |
| Integrate learning into teaching | 198988, 1 |

**Learning Outcome**
Critically integrate professional readings, coursework, and teaching experiences into a repertoire of options for professional thought and action

| Title | Tags |
| --- | --- |
| Improve language, culture, and teaching skills | 198989, 2 |

**Learning Outcome**
Improve your Spanish language proficiency, your cultural understanding, and your ability to help students see patterns in the language.

| Title | Tags |
| --- | --- |
| Create appropriate learning experiences | 198990, 3 |

Learning Outcome
Craft standards-based, developmentally and contextually appropriate, meaningful learning experiences in Spanish that support the growth of students' language proficiency

Title
Engage students in culture learning

Tags
198991, 4

Learning Outcome
Contextualize language learning experiences in cultural products, practices, and perspectives and use various techniques for engaging students in critical thinking and problem-solving regarding culture

Title
Utilize communicative techniques and technologies

Tags
198992, 5

Learning Outcome
Utilize a variety of communication techniques and emerging technologies to foster active inquiry and collaboration in the classroom, to develop language proficiency and cultural competence, to foster students' intrinsic motivation, and to support your own professional productivity and growth

Title
Assess student learning

Tags
198993, 6

Learning Outcome
Develop and adapt a variety of traditional and alternative assessments (including performance-based assessments, portfolios, projects, and self-assessments) to inform instruction, to evaluate students' proficiency across all three modes of communication, to provide feedback that will improve student performance, and to report student progress

Title
Engage in professional development and reflection

Tags
198994, 7

| | |
|---|---|
| development and reflection | 198994, 7 |

**Learning Outcome**
Participate professionally in the school community, in professional organizations and professional development activities, and engage in professional dialogue and reflection with colleagues and community agencies to support students, improve your teaching, and strengthen your program

| Title | Tags |
|---|---|
| Adapt instruction for diverse learners | 198995, 8 |

**Learning Outcome**
Adapt learning experiences appropriately to better meet the needs of culturally diverse learners, including students with a variety of learning styles and special needs

## SPAN 478R - Secondary Minor Student Teaching

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
478R

**Teaching Area**
SPAN

**Course Title**
Secondary Minor Student Teaching

**Course Description**
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

**Department**
Spanish & Portuguese

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

## SPAN 480R - Directed Research in Spanish

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
480R

**Teaching Area**
SPAN

**Course Title**
Directed Research in Spanish

**Course Description**
Under faculty member's direction, designing and conducting research project covering material not normally presented in regular course work. Research paper required.

**Department**
Spanish & Portuguese

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Written proposal subject to department approval

**Note**
Total Span 480R credit toward bachelor's degree not to exceed 3 hours.

| Title | Tags |
| --- | --- |
| Research skills | 199178, 0 |

**Learning Outcome**
Conduct advanced, independent research on a topic in Hispanic studies.

## SPAN 491 - Senior Proficiency Evaluation

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
491

**Teaching Area**
SPAN

**Course Title**
Senior Proficiency Evaluation

**Course Description**
Preparing for and taking required proficiency tests in speaking, writing, reading, and listening.

**Department**
Spanish & Portuguese

**When Taught**

## SPAN 493 - Capstone Course in Spanish

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
493

**Teaching Area**
SPAN

**Course Title**
Capstone Course in Spanish

**Course Description**
Culminating experience in which students assemble a portfolio demonstrating and reflecting on their learning as a Spanish major and their goals for continued language use and improvement.

**Department**
Spanish & Portuguese

When Taught
All Semesters/Terms

### Credit Hours

Min
0

Fixed
0.5

### Lecture Hours

Fixed
0.5

### Lab Hours

Fixed
0

Note
NOTE: For Spanish majors and minors only. Not for nonmajors or graduate students.

| Title | Tags |
| --- | --- |
| Spanish Speaking Proficiency | 198980, 1 |

Learning Outcome
Receive an Advanced Low or better on the Oral Proficiency Interview.

Spanish & Portuguese
When Taught
Fall, Winter, Summer

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

Other Prerequisites
Senior status or departmental advisor's consent.
Note
Course should be taken in the semester prior to graduation.

| Title | Tags |
| --- | --- |
| Reflect on learning | 199549, 2 |

Learning Outcome
Students will reflect on their learning and experiences as a Spanish/Portuguese major at BYU and set goals for continued language use and improvement.

| Title | Tags |
| --- | --- |
| Assemble a portfolio | 199550, 1 |

Learning Outcome
Students will assemble a portfolio of artifacts demonstrating their language ability, cultural competence, critical thinking and expression, and application of their language skills to their personal and professional life.

## SPAN 496 - Secondary Spanish Teaching Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 496 |

Teaching Area

## SPAN 520 - Problems in Spanish Grammar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SPAN | 520 |

Teaching Area
SPAN
Course Title

SPAN
**Course Title**
Secondary Spanish Teaching Internship
**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.
**Department**
Spanish & Portuguese
**When Taught**
Fall and Winter

### Credit Hours

**Min**
12

**Fixed**
12

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Completion of all course work or departmental approval; requires a major GPA of 2.85; at least a C- in Span 377, 378, and 380
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Integrate learning into teaching | 198996, 1 |

**Learning Outcome**
Critically integrate professional readings, coursework, and teaching experiences into a repertoire of options for professional thought and action

| Title | Tags |
| --- | --- |
| Improve language, culture, and teaching skills | 198997, 2 |

**Learning Outcome**
Improve your Spanish language proficiency, your cultural understanding, and your ability to help students see patterns in the language.

| Title | Tags |
| --- | --- |
| Create appropriate learning experiences | 198998, 3 |

**Course Title**
Problems in Spanish Grammar
**Course Description**
Application of contemporary grammatical concepts to problems in Spanish grammar.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 325 - Survey of Hispanic Linguistics

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 326 - Spanish Phonetics and Pronunciation

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Grammar Rules and Problems | 198981, 1 |

**Learning Outcome**
The student enrolled in Problems in Spanish Grammar will carefully examine and formulate more accurate and complete rules for several recalcitrant grammar "problems" by reading and studying selections from grammarians and researchers who provide insights into the problem in question. The

Learning Outcome
Craft standards-based, developmentally and contextually appropriate, meaningful learning experiences in Spanish that support the growth of students' language proficiency

Title
Adapt instruction for diverse learners

Tags
198999, 4

Learning Outcome
Adapt learning experiences appropriately to better meet the needs of culturally diverse learners, including students with a variety of learning styles and special needs

Title
Engage students in culture learning

Tags
199000, 5

Learning Outcome
Contextualize language learning experiences in cultural products, practices, and perspectives and use various techniques for engaging students in critical thinking and problem-solving regarding culture

Title
Utilize communicative techniques and technologies

Tags
199001, 6

Learning Outcome
Utilize a variety of communication techniques and emerging technologies to foster active inquiry and collaboration in the classroom, to develop language proficiency and cultural competence, to foster students' intrinsic motivation, and to support your own professional productivity and growth

Title
Assess student learning

Tags
199002, 7

Learning Outcome
Develop and adapt a variety of traditional and alternative assessments (including

student's ability to synthesize coherent and meaningful generalizations will be objectively tested by exams and further evaluated while he or she participates in classroom discussion.

Title
Research Paper

Tags
198982, 3

Learning Outcome
Complete a research paper/presentation on a particular grammar point or construction. This assignment will test a student's ability to locate appropriate refereed sources, read and synthesize them and prepare a written document and oral presentation according to a recognized style manual.

Title
Descriptive and Prescriptive Grammars

Tags
199192, 2

Learning Outcome
The student enrolled in Problems in Spanish Grammar will acquire a greater understanding of both descriptive and prescriptive grammars and their function and limitations. The student will also acquire specialized terms employed by grammarians and morphosyntacticians. The student's ability to understand and use these terms appropriately will also be objectively measured by examination.

performance-based assessments, portfolios, projects, and self-assessments) to inform instruction, to evaluate students' proficiency across all three modes of communication, to provide feedback that will improve student performance, and to report student progress

**Title**
Engage in professional development and reflection

**Tags**
199003, 8

**Learning Outcome**
Participate professionally in the school community, in professional organizations and professional development activities, and engage in professional dialogue and reflection with colleagues and community agencies to support students, improve your teaching, and strengthen your program

## SPAN 521 - Romance Philology

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
521

**Teaching Area**
SPAN

**Course Title**
Romance Philology

**Course Description**
Comparative study of the evolution of Latin into modern Romance languages.

**Department**
Spanish & Portuguese

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## SPAN 522 - History of the Spanish Language

### Course Information

**Teaching Area (new)**
SPAN

**Course Number**
522

**Teaching Area**
SPAN

**Course Title**
History of the Spanish Language

**Course Description**
Linguistic sources that contributed to formation of the Spanish language.

**Department**
Spanish & Portuguese

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 325 - Survey of Hispanic Linguistics

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 326 - Spanish Phonetics and Pronunciation

**Additional Comments:**

| Title | Tags |
|---|---|
| Historical Context | 199004, 1 |

**Learning Outcome**
Situate Latin and the Romance Languages in their "external" (i.e. political and literary) historical context.

| Title | Tags |
|---|---|
| Phonological Evolution | 199005, 2 |

**Learning Outcome**
Recognize the "laws" of regular phonological evolution (e.g. syncope, lenition, diphthongization, etc.).

| Title | Tags |
|---|---|
| Lexical Differences and Etymology | 199006, 4 |

**Learning Outcome**
Summarize the major lexical differences across Romance languages and some of the basic principles of etymology.

| Title | Tags |
|---|---|
| Summarize Research | 199007, 5 |

**Learning Outcome**
Become familiar with articles published in professional journals relating to the subject

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 325 - Survey of Hispanic Linguistics

Prerequisites

**Complete ALL of the following Courses:**
- SPAN 326 - Spanish Phonetics and Pronunciation

**Additional Comments:**

| Title | Tags |
|---|---|
| Nominal and Verbal Systems | 199144, 1 |

**Learning Outcome**
Acquire a basic knowledge of the changes undergone by the nominal and verbal systems of Latin and Castilian (e.g. the demise of the case system, the development of new verbal tenses, etc.).

| Title | Tags |
|---|---|
| Theory | 199169, 6 |

**Learning Outcome**
Understand the different theories that claim to understand the relation between Latin and the Romance languages, especially the relation between Latin and Castilian.

| Title | Tags |
|---|---|
| Scholarly Articles | 199174, 2 |

**Learning Outcome**
Demonstrate the ability to summarize and discuss in a clear and concise manner several scholarly articles on the topic of the history of the Spanish language.

| Title | Tags |
|---|---|

matter and produce accurate and meaningful written summaries and reactions to them.

| Title | Tags |
| --- | --- |
| Transcription | 199008, 6 |

**Learning Outcome**
Learn the rudiments of transcribing medieval or Renaissance manuscripts.

| Title | Tags |
| --- | --- |
| Language Comparison | 199153, 3 |

**Learning Outcome**
Compare the “major” (i.e. literary) Romance languages as far as their phonological development is concerned.

| Title | Tags |
| --- | --- |
| Political and Literary Contexts | 199181, 3 |

**Learning Outcome**
Situate Latin and Castilian in their political and literary historical contexts.

| Title | Tags |
| --- | --- |
| Phonological Development | 199232, 4 |

**Learning Outcome**
Recognize the laws of regular phonological development (e.g. syncope, lenition, diphthongization, etc.).

| Title | Tags |
| --- | --- |
| Lexicon Sources | 199236, 5 |

**Learning Outcome**
Identify the sources of the Castilian lexicon.

| Title | Tags |
| --- | --- |
| Linguistic Standardization | 199242, 7 |

**Learning Outcome**
Understand the process of linguistic standardization in Romance and its implications for the linguistic map of the Iberian Peninsula.

## SPAN 529R - Special Topics in Spanish Linguistics

### Course Information

**Teaching Area (new)**
SPAN
**Course Number**
529R
**Teaching Area**
SPAN
**Course Title**
Special Topics in Spanish Linguistics
**Course Description**
Topics include semantics, dialectology, and sociolinguistics.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## SPAN 577 - Spanish Language Teaching Procedures

### Course Information

**Teaching Area (new)**
SPAN
**Course Number**
577
**Teaching Area**
SPAN
**Course Title**
Spanish Language Teaching Procedures
**Course Description**
Mastery of skills specific to foreign language instruction. Lectures, demonstrations, practical experience.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**

3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 325 - Survey of Hispanic Linguistics

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 326 - Spanish Phonetics and Pronunciation

**Additional Comments:**

| Title | Tags |
|---|---|
| Read and analyze research | 199474, 1 |

Learning Outcome
Read and analyze research articles related to special topic.

| Title | Tags |
|---|---|
| Prepare a research paper/project | 199476, 2 |

Learning Outcome
Produce an original research paper/project centered on the theme of the seminar.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
2

**Other Prerequisites**
For public school teachers

| Title | Tags |
|---|---|
| Discuss language learning theories | 199316, 1 |

Learning Outcome
Discuss basic theories of language teaching and learning.

| Title | Tags |
|---|---|
| Plan units and lessons | 199317, 2 |

Learning Outcome
Plan Standards-based units and lessons, aligning assessments with learning objectives.

| Title | Tags |
|---|---|
| Teach language skills | 199318, 3 |

Learning Outcome
Teach beginning-level vocabulary, grammar, culture, and the four skills (speaking, listening, reading, writing).

| Title | Tags |
|---|---|
| Assess learning | 199319, 4 |

Learning Outcome
Assess students' language and culture learning.

## SPAN 581R - Minicourse in Hispanic Literatures

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SPAN | 581R |

Teaching Area

## SPAN 582R - Minicourse in Hispanic Linguistics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SPAN | 582R |

Teaching Area

SPAN
**Course Title**
Minicourse in Hispanic Literatures
**Course Description**
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Note**
Registration open to undergraduates by department permission only.

| Title | Tags |
|---|---|
| Analyze Texts | 211763, 0, 1, 2022-03-02 09:41:17 |

**Learning Outcome**
Students will be able to analyze scholarly texts on a specific topic in Hispanic literatures.

| Title | Tags |
|---|---|
| Produce Scholarly Writing | 211764, 0, 2, 2022-03-02 09:41:17 |

**Learning Outcome**
Students will be able to produce scholarly writing on a specific in Hispanic literatures that meets the academic specifications of the discipline.

SPAN
**Course Title**
Minicourse in Hispanic Linguistics
**Course Description**
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Note**
Registration open to undergraduates by department permission only.

| Title | Tags |
|---|---|
| Analyze Texts | 211765, 0, 1, 2022-03-02 09:41:27 |

**Learning Outcome**
Students will be able to analyze scholarly texts on a specific topic in Hispanic linguistics.

| Title | Tags |
|---|---|
| Produce Scholarly Writing | 211766, 0, 2, 2022-03-02 09:41:27 |

**Learning Outcome**
Students will be able to produce scholarly writing on a specific in Hispanic linguistics that meets the academic specifications of the discipline.

## SPAN 583R - Minicourse in Spanish Pedagogy

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SPAN | 583R |

## SPAN 585 - Student Journal Production

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SPAN | 585 |

**Teaching Area**

SPAN 583R
Teaching Area
SPAN
Course Title
Minicourse in Spanish Pedagogy
Course Description
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.
Department
Spanish & Portuguese
When Taught
Contact Department

**Credit Hours**

Min
1

Fixed
1

**Lecture Hours**

Fixed
1

**Lab Hours**

Fixed
0

Note
Registration open to undergraduates by department permission only.

| Title | Tags |
|---|---|
| Analyze Texts | 211767, 0, 1, 2022-03-02 09:41:36 |

Learning Outcome
Students will be able to analyze scholarly texts on a specific topic in Spanish Pedagogy.

| Title | Tags |
|---|---|
| Produce Scholarly Writing | 211768, 0, 2, 2022-03-02 09:41:36 |

Learning Outcome
Students will be able to produce scholarly writing on a specific in Spanish Pedagogy that meets the academic specifications of the discipline.

SPAN
Course Title
Student Journal Production
Course Description
Production of the online student journal Entremundos of the Department of Spanish and Portuguese.
Department
Spanish & Portuguese
When Taught
Winter

**Credit Hours**

Min
1

Fixed
1

**Lecture Hours**

Fixed
1

**Lab Hours**

Fixed
0

## SPAN 599R - Academic Internship: Spanish Internship

### Course Information

## SRBIA 100 - Language Study: Serbian

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SRBIA | 100 |

**Teaching Area (new)**
SPAN
**Course Number**
599R
**Teaching Area**
SPAN
**Course Title**
Academic Internship: Spanish Internship
**Department**
Spanish & Portuguese
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

**Additional Comments:**

**Note**
NOTE: For supervised internship credit on BYU Study Abroad programs only. NOTE: An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Professional Competencies | 199327, 0, 0 |

**Learning Outcome**
Students will be able to identify, through evidence-based narrative, key professional competencies in context.

| Title | Tags |
|---|---|
| Telling your story | 209551, 0, 1 |

**Learning Outcome**
Students will be able to translate the value of professional

**SRBIA** **100**
**Teaching Area**
SRBIA
**Course Title**
Language Study: Serbian
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Serbian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 197202, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 197203, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 197204, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

development experience through guided reflection exercises in order to tell their story.

## SRBIA 101 - First-Year Language Study: Serbian

### Course Information

**Teaching Area (new)**
SRBIA

**Course Number**
101

**Teaching Area**
SRBIA

**Course Title**
First-Year Language Study: Serbian

**Course Description**
Beginning speaking, listening, reading, and writing skills in Serbian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 197198, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197199, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions

## SRBIA 102 - First-Year Language Study: Serbian

### Course Information

**Teaching Area (new)**
SRBIA

**Course Number**
102

**Teaching Area**
SRBIA

**Course Title**
First-Year Language Study: Serbian

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Serbian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SRBIA 101 - First-Year Language Study: Serbian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 197194, 1 |

situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197200, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197201, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197195, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197196, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197197, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## SRBIA 201 - Second-Year Language Study: Serbian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SRBIA | 201 |

**Teaching Area**
SRBIA
**Course Title**
Second-Year Language Study: Serbian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Serbian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**

## SRBIA 202 - Second-Year Language Study: Serbian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SRBIA | 202 |

**Teaching Area**
SRBIA
**Course Title**
Second-Year Language Study: Serbian
**Course Description**
Continued emphasis on Serbian communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**

4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SRBIA 102 - First-Year Language Study: Serbian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197190, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197191, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197192, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|

4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SRBIA 201 - Second-Year Language Study: Serbian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197186, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197187, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197188, 3 |

| Culture | 197193, 4 |
|---|---|

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 197189, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## SRBIA 305 - Language Skills Development: Serbian

### Course Information

**Teaching Area (new)**
SRBIA
**Course Number**
305
**Teaching Area**
SRBIA
**Course Title**
Language Skills Development: Serbian
**Course Description**
Increasing proficiency in one or more of the following Serbian language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 197183, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies

## SRBIA 321 - Advanced Grammar: Serbian

### Course Information

**Teaching Area (new)**
SRBIA
**Course Number**
321
**Teaching Area**
SRBIA
**Course Title**
Advanced Grammar: Serbian
**Course Description**
Systematic review of grammar and syntax of Serbian.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 197184, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197185, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SRBIA 202 - Second-Year Language Study: Serbian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197179, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197180, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197181, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## SRBIA 330 - Advanced Language Proficiency Through Cultural Studies: Serbian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SRBIA | 330 |

**Teaching Area**
SRBIA
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Serbian
**Course Description**
Study of Serbian culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

## SRBIA 340 - Introduction to Literature: Serbian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SRBIA | 340 |

**Teaching Area**
SRBIA
**Course Title**
Introduction to Literature: Serbian
**Course Description**
Advanced study of Serbian literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Srbia 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197173, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197175, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197176, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SRBIA 330 - Advanced Language Proficiency Through Cultural Studies: Serbian

**Additional Comments:**

| Title | Tags |
|---|---|
| Recognize and Analyze | 197167, 1 |

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197168, 2 |

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197169, 3 |

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197171, 4 |

Learning Outcome

major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197178, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## SRBIA 350 - Advanced Language Study for Career Purposes: Serbian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SRBIA | 350 |

**Teaching Area**
SRBIA
**Course Title**
Advanced Language Study for Career Purposes: Serbian
**Course Description**
Concentration on Serbian language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

## STAC 100R - Intercollegiate Athletics: Women's Golf

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAC | 100R |

**Teaching Area**
STAC
**Course Title**
Intercollegiate Athletics: Women's Golf
**Course Description**
Competence and technique in golf through practice and competition for the University Intercollegiate Athletics team.
**Department**
1012
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for women's golf team only.

- SRBIA 330 - Advanced Language Proficiency Through Cultural Studies: Serbian

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 197162, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 197163, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197164, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197165, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197166, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## STAC 100R - Intercollegiate Athletics: Women's Softball

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Women's Softball

**Course Description**
Competence and technique in softball through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for women's softball team only.

**Tags**
214448, 0, 1, 2023-08-29 12:38:39

**Learning Outcome**
Students will be able to improve softball techniques and competence.

## STAC 100R - Intercollegiate Athletics: Men's Volleyball

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Men's Volleyball

**Course Description**
Competence and technique in volleyball through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for men's volleyball team only.

**Tags**
214454, 0, 1, 2023-08-29 12:39:14

**Learning Outcome**
Students will be able to improve volleyball techniques and competence in the sport.

## STAC 100R - Intercollegiate Athletics: Women's Track and Field

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Women's Track and Field

**Course Description**
Competence and technique in track and field through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for women's track and field team only.

**Tags**
214443, 0, 1, 2023-08-29 12:38:21

**Learning Outcome**
Students will be able to improve track techniques and competence.

## STAC 100R - Intercollegiate Athletics: Women's Swimming

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Women's Swimming

**Course Description**
Competence and technique in swimming through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for women's swim team only.

**Tags**
214447, 0, 1, 2023-08-29 12:38:31

**Learning Outcome**
Students will be able to improve swimming techniques and competence.

## STAC 100R - Intercollegiate Athletics: Men's Football

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Men's Football

**Course Description**
Competence and technique in football through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for men's football team only.

**Tags**
214439, 0, 1, 2023-08-29 12:38:06

**Learning Outcome**
Students will be able to improve football techniques and competence.

## STAC 100R - Intercollegiate Athletics: Swimming

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Swimming

**Course Description**
Competence and technique in swimming through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for swim team only.

**Tags**
214436, 0, 1, 2023-08-29 12:37:53

**Learning Outcome**
Students will be able to improve swimming techniques and competence.

## STAC 100R - Intercollegiate Athletics: Men's Golf

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Men's Golf

**Course Description**
Competence and technique in golf through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for men's golf team only.

**Tags**
214441, 0, 1, 2023-08-29 12:38:11

**Learning Outcome**
Students will be able to improve golf techniques and competence.

## STAC 100R - Intercollegiate Athletics: Women's Diving

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Women's Diving

**Course Description**
Competence and technique in diving through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for women's diving team only.

**Title**
Students will be able to improve diving techniques and competence in the sport if diving.

**Tags**
214452, 0, 1, 2023-08-29 12:39:12

## STAC 100R - Intercollegiate Athletics: Cheer

### Course Information

**Teaching Area (new)**
STAC
**Course Number**
100R
**Teaching Area**
STAC
**Course Title**
Intercollegiate Athletics: Cheer
**Course Description**
Competence and technique in cheer through practice and competition for the University Intercollegiate Athletics team.
**Department**
1012
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for cheer team only.

**Tags**
214446, 0, 1, 2023-08-29 12:38:30

**Learning Outcome**
Students will be able to improve cheer techniques and competence.

## STAC 100R - Intercollegiate Athletics: Men's Tennis

### Course Information

**Teaching Area (new)**
STAC
**Course Number**
100R
**Teaching Area**
STAC
**Course Title**
Intercollegiate Athletics: Men's Tennis
**Course Description**
Competence and technique in tennis through practice and competition for the University Intercollegiate Athletics team.
**Department**
1012
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for men's tennis team only.

**Tags**
214437, 0, 1, 2023-08-29 12:37:55

**Learning Outcome**
Students will be able to improve tennis techniques and competence.

## STAC 100R - Intercollegiate Athletics: Women's Gymnastics

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Women's Gymnastics

**Course Description**
Competence and technique in gymnastics through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for women's gymnastics team only.

**Tags**
214451, 0, 1, 2023-08-29 12:39:09

**Learning Outcome**
Students will be able to improve gymnastics techniques and competence.

## STAC 100R - Intercollegiate Athletics: Men's Track and Field

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Men's Track and Field

**Course Description**
Competence and technique in track and field through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for men's track and field team only.

**Tags**
214440, 0, 1, 2023-08-29 12:38:09

**Learning Outcome**
Students will be able to improve track and field techniques and competence.

## STAC 100R - Intercollegiate Athletics: Women's Tennis

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Women's Tennis

**Course Description**
Competence and technique in tennis through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for women's tennis team only.

**Tags**
214444, 0, 1, 2023-08-29 12:38:23

**Learning Outcome**
Students will be able to improve tennis techniques and competence.

## STAC 100R - Intercollegiate Athletics: Men's Swimming

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Men's Swimming

**Course Description**
Competence and technique in swimming through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for men's swim team only.

**Tags**
214438, 0, 1, 2023-08-29 12:38:02

**Learning Outcome**
Students will be able to improve swimming techniques and competence.

## STAC 100R - Intercollegiate Athletics: Men's Diving

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Men's Diving

**Course Description**
Competence and technique in diving through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for men's diving team only.

**Tags**
214442, 0, 1, 2023-08-29 12:38:20

**Learning Outcome**
Students will be able to improve diving techniques and competence.

## STAC 100R - Intercollegiate Athletics: Women's Soccer

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Women's Soccer

**Course Description**
Competence and technique in soccer through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for women's soccer team only.

**Tags**
214449, 0, 1, 2023-08-29 12:39:05

**Learning Outcome**
Students will be able to improve soccer techniques and competence.

## STAC 100R - Intercollegiate Athletics: Women's Volleyball

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Women's Volleyball

**Course Description**
Competence and technique in volleyball through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for women's volleyball team only.

| Title | Tags | Learning Outcome |
|---|---|---|
| Skills and fitness improvement | 206268, 2 | Demonstrate improvement in sport skills and physical fitness in practice and in competition. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Rules, strategies and scoring | 206387, 1 | Demonstrate proficiency with the rules, strategies and scoring for the sport in practice and in competition. |

## STAC 100R - Intercollegiate Athletics: Men's Basketball

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Men's Basketball

**Course Description**
Competence and technique in basketball through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
14

**Note**
Course for men's basketball team only.

| Tags | Learning Outcome |
|---|---|
| 214455, 0, 1, 2023-08-29 12:39:17 | Students will be able to improve basketball techniques and competence. |

## STAC 100R - Intercollegiate Athletics: Women's Basketball

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Women's Basketball

**Course Description**
Competence and technique in basketball through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
2

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
14

**Note**
Course for women's basketball team only.

**Tags**
214453, 0, 1, 2023-08-29 12:39:13

**Learning Outcome**
Students will be able to improve basketball techniques and competence in the sports of basketball.

## STAC 100R - Intercollegiate Athletics: Cougarettes

### Course Information

**Teaching Area (new)**
DANCE

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Cougarettes

**Course Description**
Performance with the Cougarettes competitive team.

**Department**
1012

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
14

**Other Prerequisites**
Audition

**Tags**
214433, 0, 1, 2023-08-29 12:37:45

**Learning Outcome**
1. Students will represent Brigham Young University with honor and dignity.

**Tags**
214434, 0, 2, 2023-08-29 12:37:50

**Learning Outcome**
2. Students will demonstrate advanced level technique.

**Tags**
214435, 0, 3, 2023-08-29 12:37:52

**Learning Outcome**
3. Students will compete on a Nationals Level as determined each year.

## STAC 100R - Intercollegiate Athletics: Diving

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Diving

**Course Description**
Competence and technique in diving through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Contact Department

#### Credit Hours

**Fixed**
2

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
14

**Note**
Course for dive team only.

## STAC 100R - Intercollegiate Athletics

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics

**Course Description**
Course for university teams only.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
10.5

**Title**
Competence and technique

**Tags**
206327, 0

**Learning Outcome**
Demonstrate competence and proper technique in chosen sport through practice and competition for the University Intercollegiate Athletics team.

## STAC 100R - Intercollegiate Athletics: Men's Baseball

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Men's Baseball

**Course Description**
Competence and technique in baseball through practice and competition for the University Intercollegiate Athletics team.

**Department**
1012

**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
2

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
14

**Note**
Course for men's baseball team only.

**Tags**
214445, 0, 1, 2023-08-29 12:38:28

**Learning Outcome**
Students will be able to improve baseball techniques and competence.

## STAC 100R - Intercollegiate Athletics: Cosmo Dunk Team

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
100R

**Teaching Area**
STAC

**Course Title**
Intercollegiate Athletics: Cosmo Dunk Team

**Course Description**
Course for university teams only.

**Department**
1012

**When Taught**
Fall and Winter

#### Credit Hours

**Fixed**
2

#### Lecture Hours

**Fixed**
6

#### Lab Hours

**Fixed**
14

**Title**
Competence and technique

**Tags**
214450, 0, 1, 2023-08-29 12:39:07

**Learning Outcome**
Demonstrate competence and proper technique in chosen sport through practice and competition for the University Intercollegiate Athletics team.

## STAC 199R - Athletic Administration Internship

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
199R

**Teaching Area**
STAC

**Course Title**
Athletic Administration Internship

**Course Description**
Development of professional skills in athletics administration: Logistics, event planning, marketing, social media,

## STAC 201R - Extramural Sports

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
201R

**Teaching Area**
STAC

**Course Title**
Extramural Sports

**Course Description**
Competence and technique in extramural sports through practice and competition for the University Extramural Athletics team.

**When Taught**

Department
1012
When Taught
Fall and Winter

### Credit Hours

Min
0.5

Fixed
3

Note
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Team/Program management | 214456, 0, 1, 2023-08-29 12:39:25 |

Learning Outcome
Demonstrate organization, competency and reliability as an asset to the management of the athletic team or program.

All Semesters/Terms

### Credit Hours

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

Note
Course for extramural sports teams only.

| Title | Tags |
| --- | --- |
| Rules and strategies | 206240, 1 |

Learning Outcome
Demonstrate proficiency with the rules, strategies and scoring in the sport through game preparation and execution in competition.

| Title | Tags |
| --- | --- |
| Skills | 206251, 0 |

Learning Outcome
Demonstrate competence and proper technique in skills of the sport through practice and competition for the University extramural team.

| Title | Tags |
| --- | --- |
| Physical fitness | 206377, 2 |

Learning Outcome
Demonstrate improvement in sport skills and physical fitness.

## STAC 201R - Extramural Rugby

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAC | 201R |

Teaching Area

## STAC 201R - Extramural Racquetball

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAC | 201R |

Teaching Area

STAC
**Course Title**
Extramural Rugby
**Course Description**
Competence and technique in rugby through practice and competition for the University Extramural Athletics team.
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course for extramural rugby team only.

| Title | Tags |
| --- | --- |
| Skills | 206437, 1 |

**Learning Outcome**
Demonstrate competence and proper technique in skills of the sport through practice and competition for the University extramural team.

| Title | Tags |
| --- | --- |
| Rules and strategies | 206438, 2 |

**Learning Outcome**
Demonstrate proficiency with the rules, strategies and scoring in the sport through game preparation and execution in competition.

| Title | Tags |
| --- | --- |
| Physical fitness | 206439, 3 |

**Learning Outcome**
Demonstrate improvement in sport skills and physical fitness.

STAC
**Course Title**
Extramural Racquetball
**Course Description**
Competence and technique in raquetball through practice and competition for the University Extramural Athletics team.
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course for extramural racquetball team only.

| Title | Tags |
| --- | --- |
| Skills | 206434, 1 |

**Learning Outcome**
Demonstrate competence and proper technique in skills of the sport through practice and competition for the University extramural team.

| Title | Tags |
| --- | --- |
| Rules and strategies | 206435, 2 |

**Learning Outcome**
Demonstrate proficiency with the rules, strategies and scoring in the sport through game preparation and execution in competition.

| Title | Tags |
| --- | --- |
| Physical fitness | 206436, 3 |

**Learning Outcome**
Demonstrate improvement in sport skills and physical fitness.

## STAC 201R - Extramural Lacrosse

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
201R

**Teaching Area**
STAC

**Course Title**
Extramural Lacrosse

**Course Description**
Competence and technique in lacrosse through practice and competition for the University Extramural Athletics team.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course for extramural lacrosse team only.

**Title**
Skills

**Tags**
206431, 1

**Learning Outcome**
Demonstrate competence and proper technique in skills of the sport through practice and competition for the University extramural team.

**Title**
Rules and strategies

**Tags**
206432, 2

**Learning Outcome**
Demonstrate proficiency with the rules, strategies and scoring in the sport through game preparation and execution in competition.

**Title**
Physical fitness

**Tags**
206433, 3

## STAC 201R - Extramural Soccer

### Course Information

**Teaching Area (new)**
STAC

**Course Number**
201R

**Teaching Area**
STAC

**Course Title**
Extramural Soccer

**Course Description**
Competence and technique in soccer through practice and competition for the University Extramural Athletics team.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course for extramural soccer team only.

**Title**
Skills

**Tags**
206440, 1

**Learning Outcome**
Demonstrate competence and proper technique in skills of the sport through practice and competition for the University extramural team.

**Title**
Rules and strategies

**Tags**
206441, 2

**Learning Outcome**
Demonstrate proficiency with the rules, strategies and scoring in the sport through game preparation and execution in competition.

**Title**
Physical fitness

**Tags**
206442, 3

Learning Outcome
Demonstrate improvement in sport skills and physical fitness.

Learning Outcome
Demonstrate improvement in sport skills and physical fitness.

## STAC100R - Intercollegiate Athletics: Track and Field.

### Course Information

Course Number
100R
Teaching Area
STAC
Course Title
Intercollegiate Athletics: Track and Field.
Course Description
Competence and technique in track and field through practice and competition for the University Intercollegiate Athletics team.
Department
1012
When Taught
Fall and Winter

### Credit Hours

Fixed
2

### Lecture Hours

Fixed
6

### Lab Hours

Fixed
14

Note
Course for track and field team only.

## STAT 105 - Introduction to Statistics

### Course Information

Teaching Area (new)
STAT
Course Number
105
Teaching Area
STAT
Course Title
Introduction to Statistics
Course Description
Fundamental ideas and applications of statistics.
Department
Statistics
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
MATH 97 or equivalent.
Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Title
The Value of Statistics
Tags
205529, 1

Learning Outcome
Understand and appreciate the value of statistics as a discipline and its relevance for general education

Title
Observational Studies and
Tags

| Simple Experiments | 205576, 2 |
|---|---|

**Learning Outcome**
Evaluate the validity of research findings from observational studies and simple experiments by asking appropriate questions regarding data collection and analysis

| Title | Tags |
|---|---|
| Observational Studies and Experiments | 205600, 4 |

**Learning Outcome**
Distinguish between observational studies and experiments in terms of how data is collected and what appropriate conclusions to make

| Title | Tags |
|---|---|
| Potential Associations | 205637, 5 |

**Learning Outcome**
Determine potential associations between two categorical and between two quantitative variables

| Title | Tags |
|---|---|
| Graphical Methods and Numerical Summaries | 205654, 3 |

**Learning Outcome**
Analyze data using appropriate graphical methods and numerical summaries

| Title | Tags |
|---|---|
| Estimation and Hypothesis Tests | 205696, 6 |

**Learning Outcome**
Interpret and communicate the outcomes of estimation and hypothesis tests in the context of a problem

## STAT 121 - Principles of Statistics

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| STAT | 121 |

**Teaching Area**
STAT
**Course Title**

## STAT 124 - SAS Base Programming Skills

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| STAT | 124 |

**Teaching Area**
STAT
**Course Title**

Principles of Statistics

**Course Description**

Graphical displays and numerical summaries, data collection methods, probability, sampling distributions, confidence intervals and hypothesis testing involving one or two means and proportions, contingency tables, correlation and simple linear regression.

**Department**

Statistics

**When Taught**

All Semesters/Terms

### Credit Hours

**Min**

3

**Fixed**

3

### Lecture Hours

**Fixed**

3

### Lab Hours

**Fixed**

1

**Recommended**

MATH 110 or equivalent

**Note**

Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/STAT-121-M005.

| Title | Tags |
|---|---|
| Research Design | 214623, 0, 1 |

**Learning Outcome**

Identify the population and parameters of interest in a research study, and explain their relevance to the research question.

| Title | Tags |
|---|---|
| Data Collection | 214624, 0, 2 |

**Learning Outcome**

Evaluate the validity of data collection methods used in observational studies and experiments.

| Title | Tags |
|---|---|
| Data Visualization | 214625, 0, 3 |

**Learning Outcome**

SAS Base Programming Skills

**Course Description**

Base SAS programming skills, introductory statistical analysis and graphics, simulation of introductory statistical concepts.

**Department**

Statistics

**When Taught**

Spring Term

### Credit Hours

**Min**

1.5

**Fixed**

1.5

### Lecture Hours

**Fixed**

1.5

### Lab Hours

**Fixed**

1.5

**Simple Requisites**

**Prerequisites**

**Type**

Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- STAT 121 - Principles of Statistics

Prerequisites

**Complete ALL of the following Courses:**

- STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

| Title | Tags |
|---|---|
| Import and export raw data files | 205750, 1 |

**Learning Outcome**

Import and export raw data files (e.g. text, excel, csv, etc.). This includes different variable types (e.g. numeric, character, date, time, currency, etc.)

| Title | Tags |
|---|---|
| Manipulate and transform data | 205751, 2 |

**Learning Outcome**

Learning Outcome

Create effective and appropriate visual and numerical summaries of datasets.

| Title | Tags |
| --- | --- |
| Modeling and Analysis | 214626, 0, 4 |

Learning Outcome

Carry out the following analyses and interpret the results in the context of the research study:
1) Hypothesis testing and confidence intervals for a single mean, a single proportion, the difference between two means, and the difference between two proportions;
2) ANOVA for comparing multiple means;
3) Chi-square test of independence;
4) Simple and multiple linear regression.

| Title | Tags |
| --- | --- |
| Computing | 214627, 0, 5 |

Learning Outcome

Use basic statistical computer applications to carry out each of the above analyses.

Learning Outcome
Manipulate and transform data

| Title | Tags |
| --- | --- |
| Create and combine SAS data sets | 205752, 3 |

Learning Outcome
Create and combine SAS data sets

| Title | Tags |
| --- | --- |
| Create reports | 205753, 4 |

Learning Outcome
Create basic detail and summary reports using ODS and SAS procedures

| Title | Tags |
| --- | --- |
| Debugging SAS code | 205754, 5 |

Learning Outcome
Identify and correct data, syntax, and programming logic errors

| Title | Tags |
| --- | --- |
| Use SAS statements and procedures | 205885, 6 |

Learning Outcome
Use SAS statements and procedures to:

Compute numerical statistics used in introductory statistics
Create simple graphs and charts used in introductory statistics

## STAT 130 - Introduction to the Department of Statistics

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
130

**Teaching Area**
STAT

**Course Title**
Introduction to the Department of Statistics

**Course Description**
A review of the different major/emphasis options, class planning, and information on department resources.

**Department**
Statistics

**When Taught**
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
This class must be taken before or concurrently with Stat 123, Stat 230, Stat 240.

**Recommended**
Stat 121

**Note**
This class should be taken the first semester as a freshman or the first semester after declaring as a statistics or actuarial science major.

## STAT 199R - Academic Internship

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
199R

**Teaching Area**
STAT

**Course Title**
Academic Internship

**Course Description**
Work experience evaluated by supervisor and posted on student's transcript.

**Department**
Statistics

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Department chair's and internship coordinator's consent

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Work Ethics

**Tags**
205559, 2

**Learning Outcome**
Demonstrate good work ethics

**Title**
Appropriate Dress and Etiquette

**Tags**
205599, 1

**Learning Outcome**
Practice appropriate dress and etiquette in varied business settings

**Title**
Written and Oral Communication

**Tags**
205670, 3

**Learning Outcome**
Demonstrate effective written and oral communication skills as they report on their internship

## STAT 201 - Statistics for Engineers and Scientists

### Course Information

## STAT 220 - Statistical Modeling for Data Science

### Course Information

**Teaching Area (new)**
STAT
**Course Number**
201
**Teaching Area**
STAT
**Course Title**
Statistics for Engineers and Scientists
**Course Description**
The scientific method; probability, random variables, common discrete and continuous random variables, central limit theorem; confidence intervals and hypothesis testing; completely randomized experiments; factorial experiments.
**Department**
Statistics
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Fulfill ANY of the following requirements:**

Prerequisites
**Complete ALL of the following Courses:**
- MATH 112 - Calculus 1

Prerequisites
**Complete ALL of the following Courses:**
- MATH 113 - Calculus 2

Prerequisites
**Complete ALL of the following Courses:**
-

**Additional Comments:**

| Title | Tags |
|---|---|
| Test Statistic and P-Value | 205522, 8 |

**Teaching Area (new)**
STAT
**Course Number**
220
**Teaching Area**
STAT
**Course Title**
Statistical Modeling for Data Science
**Course Description**
Statistical thinking, basic probability and random variables, estimation, uncertainty in estimation, inference and interpretation for the linear model, prediction, model comparison, introduction to Bayesian statistics, binary data, evaluating classification models, data ethics and privacy
**Department**
Statistics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Completion Requirement

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**
- STAT 121 - Principles of Statistics
  **AND** C S 110 - How to Program

**Complete ALL of the following Courses:**
- STAT 121 - Principles of Statistics
  **AND** C S 111 - Introduction to Computer Science

**Complete ALL of the following Courses:**
- STAT 201 - Statistics for Engineers and Scientists
  **AND** C S 110 - How to Program

**Additional Comments:**

| Title | Tags |
|---|---|
| Random Variables and Distributions | 212894_0_1_2023-05-08 15:19:21 |

Learning Outcome
Compute the test statistic and p-value for H0 : μ = μ0 from a random sample

Title
Statistically Significant Interaction

Tags
205525, 11

Learning Outcome
Explain a statistically significant interaction

Title
Simple Problems

Tags
205528, 2

Learning Outcome
Solve simple problems using axioms of probability, conditional probability, independence, and Bayes' theorem

Title
Experimental Design

Tags
205638, 6

Learning Outcome
Understand the basics of experimental design, including the definition of the experimental unit, response, variable, factor(s), and level(s) of a basic experiment, and the role of randomization and replication to permit causal inference

Title
Interval for μ

Tags
205738, 7

Learning Outcome
Compute the confidence interval for μ from a random sample and make the correct decision about an experiment when given a confidence interval

Title
Compute Probabilities

Tags
205781, 3

Learning Outcome
Compute probabilities, expected value, and variance using the pdf of a discrete univariaterandom variable

Title
Numerical and Graphics

Tags

Learning Outcome
Understand the assumptions and properties of the Bernoulli and normal distributions

Title
Maximum Likelihood

Tags
212895, 0, 2, 2023-05-08 15:19:21

Learning Outcome
Understand the basic principles of maximum likelihood estimation

Title
Linear Models

Tags
212896, 0, 3, 2023-05-08 15:19:21

Learning Outcome
Fit the linear regression model using statistical software; predict using the linear model; assess the fit of the linear model, quantify uncertainty associated with the linear model

Title
Data Ethics and Privacy

Tags
212897, 0, 4, 2023-05-08 15:19:21

Learning Outcome
Understand how the use of data can be an invasion of privacy and how privacy should always be protected. Understand the implications of systemic biases that can be embedded in statistical models

Title
Bayes' Theorem

Tags
212898, 0, 5, 2023-05-08 15:19:21

Learning Outcome
Explain how conditional probability and Bayes' Theorem relate to the analysis of data via the Bayesian paradigm

Title
Bayesian Analysis

Tags
212899, 0, 6, 2023-05-08 15:19:21

Learning Outcome
Interpret and explain the results of Bayesian analyses

Title
Logistic Regression

Tags
212900, 0, 7, 2023-05-08 15:19:21

Learning Outcome

| Title | Tags |
| --- | --- |
| Summary | 205782, 1 |

**Learning Outcome**
Compute numerical and graphics summary statistics using professional statistical software and explain difference between populations given the summaries (numerical or graphical)

| Title | Tags |
| --- | --- |
| Sampling Distribution | 205783, 5 |

**Learning Outcome**
Understand the definition of the sampling distribution of x-bar, and identify the mean, variance, and shape of the sampling distribution given the population information

| Title | Tags |
| --- | --- |
| Normal Distribution | 205785, 4 |

**Learning Outcome**
Compute probabilities for the normal distribution

| Title | Tags |
| --- | --- |
| One-factor ANOVA Table | 205786, 9 |

**Learning Outcome**
Compute the ANOVA table for data from a completely randomized design using professional statistical software

| Title | Tags |
| --- | --- |
| Two-factor ANOVA Table | 205787, 10 |

**Learning Outcome**
Compute the ANOVA table for data from a two factor experiment using professional statistical software

**Learning Outcome**
Fit and interpret a logistic regression model

## STAT 224 - Applied SAS Programming

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 224 |

**Teaching Area**
STAT
**Course Title**
Applied SAS Programming

## STAT 230 - Statistical Modeling 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 230 |

**Teaching Area**
STAT
**Course Title**
Statistical Modeling 1

Applied SAS Programming

**Course Description**
Advanced SAS programming skills, advanced DATA step programming, ODS, simple MACRO programs, Proc SQL, Proc REPORT, communicate with other packages and programs.

**Department**
Statistics

**When Taught**
Contact Department

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
1.5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 124 - SAS Base Programming Skills

**Additional Comments:**

**Recommended**
Concurrent enrollment in Stat 123

| Title | Tags |
| --- | --- |
| Advanced DATA step programming | 205740, 1 |

**Learning Outcome**
Solve complex problems using advanced DATA step programming statements

| Title | Tags |
| --- | --- |
| SAS MACRO facility | 205741, 2 |

**Learning Outcome**
Create and use SAS MACRO facility

| Title | Tags |
| --- | --- |

Statistical Modeling 1

**Course Description**
Scientific method, statistical thinking, sources of variation, completely randomized design, ANOVA, power and sample size considerations, multiple testing, randomized complete blocks, factorial designs, interactions. Introduction to statistical software.

**Department**
Statistics

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- STAT 121 - Principles of Statistics

Prerequisites

**Complete ALL of the following Courses:**
- STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

**Recommended**
It is strongly suggested that STAT 130 and MATH 112 be taken concurrently with or before STAT 230.

| Title | Tags |
| --- | --- |
| SAS SQL | 205742, 3 |

Learning Outcome
Write and interpret SAS SQL code

| Title | Tags |
| --- | --- |
| Efficient SAS code | 205743, 4 |

Learning Outcome
Understand how to write efficient SAS code

| Title | Tags |
| --- | --- |
| Control external programs | 205744, 5 |

Learning Outcome
Control external programs like R and Excel

## STAT 234 - Methods of Survey Sampling

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 234 |

Teaching Area
STAT
Course Title
Methods of Survey Sampling
Course Description
Sampling frames; questionnaire design; simple random, systematic, stratified, and cluster sampling methods; comparing domain means; contingency table analysis.
Department
Statistics
When Taught
Fall

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
2

## STAT 240 - Probability and Inference 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 240 |

Teaching Area
STAT
Course Title
Probability and Inference 1
Course Description
Set theory; probability; principles of counting; random variables; mathematical expectation; sampling distributions; point estimation.
Department
Statistics
When Taught
Fall and Winter

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Simple Requisites

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- STAT 121 - Principles of Statistics

Prerequisites

**Complete ALL of the following Courses:**
- STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

| Title | Tags |
|---|---|
| Basic Designs | 205538, 2 |

**Learning Outcome**
Accurately identify and perform variance calculations for basic designs

| Title | Tags |
|---|---|
| Sampling | 205549, 1 |

**Learning Outcome**
Identify and sample using simple random sampling and various forms of stratified sampling, cluster sampling, and systematic sampling

| Title | Tags |
|---|---|
| Graphical Representations | 205561, 4 |

**Learning Outcome**
Create graphical representations of results

| Title | Tags |
|---|---|
| Real Project | 205577, 3 |

**Learning Outcome**
Participate in a real project involving sampling methodologies and appropriate point estimate and variance calculations

| Title | Tags |
|---|---|
| Written and Oral Communication | 205656, 5 |

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- MATH 112 - Calculus 1
  **AND** STAT 121 - Principles of Statistics

Prerequisites

**Complete ALL of the following Courses:**
- MATH 113 - Calculus 2
  **AND** STAT 121 - Principles of Statistics

Prerequisites

**Complete ALL of the following Courses:**
- MATH 112 - Calculus 1
  **AND** STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

**Recommended**
It is strongly suggested that STAT 130 and MATH 113 be taken concurrently with or before STAT 240.

| Title | Tags |
|---|---|
| Sample Spaces | 214628, 0, 9 |

**Learning Outcome**

Apply fundamentals of set theory, set operations, and counting to specify/enumerate events in a discrete sample space.

| Title | Tags |
|---|---|
| Probability | 214629, 0, 10 |

**Learning Outcome**

Use the axioms of probability, conditional probability, independence, and Bayes' theorem in probabilistic calculations.

| Title | Tags |
|---|---|
| Discrete Random Variables | 214630, 0, 11 |

**Learning Outcome**

Use probability mass functions for discrete random variables and transformations of discrete random variables.

| Title | Tags |
|---|---|

Learning Outcome
Demonstrate effective written and oral communication skills as they present their findings

| Title | Tags |
| --- | --- |
| Continuous Random Variables | 214631, 0, 12 |

Learning Outcome

Use probability density and cumulative distribution functions to compute probabilities for continuous random variables.

| Title | Tags |
| --- | --- |
| Expectation and Moments | 214632, 0, 13 |

Learning Outcome

Find and interpret expectations of random variables and functions of random variables; use moment generating functions.

| Title | Tags |
| --- | --- |
| Named Distributions | 214633, 0, 14 |

Learning Outcome

Understand the assumptions and properties of named distributions: binomial, Poisson, uniform, exponential, normal, and gamma.

| Title | Tags |
| --- | --- |
| Joint Distributions | 214634, 0, 15 |

Learning Outcome

Find probabilities and expectations for joint, marginal, and conditional distributions.

| Title | Tags |
| --- | --- |
| Correlation | 214635, 0, 16 |

Learning Outcome

Calculate expectation of linear combinations, covariance, and correlation.

| Title | Tags |
| --- | --- |
| Probabilistic Thinking | 214636, 0, 17 |

Learning Outcome

Apply tools of probability to quantitatively frame and solve problems involving uncertain outcomes.

| Title | Tags |
| --- | --- |
| Simulation | 214637, 0, 18 |

**Learning Outcome**

Verify probabilistic calculations via simulation.

## STAT 250 - Applied R Programming

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 250 |

**Teaching Area**
STAT
**Course Title**
Applied R Programming
**Course Description**
R programming skills; data cleaning and wrangling in R; introductory statistical analysis and graphics; simulation of introductory statistical concepts.
**Department**
Statistics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- STAT 121 - Principles of Statistics

## STAT 251 - Introduction to Bayesian Statistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 251 |

**Teaching Area**
STAT
**Course Title**
Introduction to Bayesian Statistics
**Course Description**
The scientific method; conditional probability; Bayes' Theorem; conjugate distributions: Beta-binomial, Poisson-gamma, normal-normal; Gibbs sampling.
**Department**
Statistics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 113 - Calculus 2
  **AND** STAT 240 - Probability and Inference 1
  **AND** STAT 250 - Applied R Programming

Prerequisites

**Complete ALL of the following Courses:**

- STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

| Title | Tags |
|---|---|
| R Coding Proficiency | 213026, 0, 1 |

**Learning Outcome**
Understand the fundamental concepts of R programming, including variable assignment, arithmetic operations, and logical expressions, using RStudio as the integrated development environment (IDE).

| Title | Tags |
|---|---|
| User-Defined Functions and Control Structures | 213027, 0, 2 |

**Learning Outcome**
Utilize user-defined functions and control structures, including loops and conditionals, to solve programming problems and enhance code modularity.

| Title | Tags |
|---|---|
| Handling and Processing Data Structures | 213028, 0, 3 |

**Learning Outcome**
Effectively handle and process data structures, including numbers, strings, regular expressions, factors, dates & times, missing values, and Base R objects (vectors, matrices, lists, and data frames).

| Title | Tags |
|---|---|
| Simulation of introductory statistical concepts | 213030, 0, 5 |

**Learning Outcome**
Utilize simulation to illustrate and comprehend fundamental statistical concepts.

| Title | Tags |
|---|---|
| Integration of R Code and Markdown with Quarto | 213031, 0, 6 |

**Learning Outcome**
Utilize Quarto to integrate R code and Markdown, creating professional reports with

**Additional Comments:**

| Title | Tags |
|---|---|
| Code in R | 205521, 4 |

**Learning Outcome**
Code in R a Gibbs sampler and/or Metropolis sampler for a simple non-conjugate posterior distributions

| Title | Tags |
|---|---|
| Bayesian Analysis | 205562, 5 |

**Learning Outcome**
Interpret and explain the results of Bayesian analysis

| Title | Tags |
|---|---|
| Conjugate Priors, Binomial, and Poisson Distributions | 205667, 2 |

**Learning Outcome**
Identify the conjugate priors of the normal (mean and variance), binomial, and Poisson distributions and derive the respective posterior distributions

| Title | Tags |
|---|---|
| Gibbs and Metropolis Samplers | 205674, 3 |

**Learning Outcome**
Explain why Gibbs and Metropolis samplers work and when they are appropriate to use

| Title | Tags |
|---|---|
| Bayes' Theorem | 205697, 1 |

**Learning Outcome**
Explain how conditional probability and Bayes' Theorem relate to the analysis of data via the Bayesian paradigm

professional reports with dynamic and reproducible content.

**Title**
Code Documentation and Reproducibility

**Tags**
213032, 0, 7

**Learning Outcome**
Understand the importance of code documentation, including comments and naming conventions, to enhance code readability and reproducibility.

**Title**
Independent Troubleshooting and Skill Enhancement -

**Tags**
213033, 0, 8

**Learning Outcome**
Demonstrate the ability to independently troubleshoot code errors and expand programming skills through help documentation and online resources.

**Title**
Data Wrangling and Visualization

**Tags**
213029, 0, 4

**Learning Outcome**
Import, tidy, transform, and visualize data from diverse sources, including delimited text files, Excel spreadsheets, and HTML tables (web scraping).

## STAT 274 - Theory of Interest

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
274

**Teaching Area**
STAT

**Course Title**
Theory of Interest

**Course Description**
Theory of interest, annuities, amortization, financial derivatives. Prepares for SOA Exam FM.

**Department**
Statistics

**When Taught**
Fall and Winter

### Credit Hours

## STAT 281 - Data Visualization

### Course Information

**Course Number**
281

**Teaching Area**
STAT

**Course Title**
Data Visualization

**Course Description**
Fundamental principles of data visualization; chart types and when to use them; design of clear and meaningful visualizations from complex data; reproducible creation of static and interactive visualizations; development of portfolio of charts and graphs; use of appropriate visualization tools; communication of insights, observations, and results.

**Department**
Statistics

**When Taught**
Winter

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- MATH 112 - Calculus 1

**Additional Comments:**

| Title | Tags |
|---|---|
| Time Value of Money | 205720, 2 |

Learning Outcome
Recognize, understand, and compute problems relating to time value of money, including simple and compound interest, present and future value, and nominal and effective rates of interest

| Title | Tags |
|---|---|
| Annuities | 205636, 0, 3 |

Learning Outcome
Recognize, understand, and compute problems relating to annuities with payments that are not contingent, including annuities-immediate, annuities-due, perpetuity, and arithmetically or geometrically increasing payments.

| Title | Tags |
|---|---|
| Loans | 205684, 0, 4 |

Learning Outcome
Recognize, understand, and compute problems relating to loans, including principal

Winter

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
3

Simple Requisites

**Untitled Requirement**
**Type**
Completion Requirement

**Complete ANY of the following Courses:**
- STAT 121 - Principles of Statistics
- STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

| Title | Tags |
|---|---|
| Exploratory Data Analysis | 214457, 0, 1, 2023-08-29 12:40:00 |

Learning Outcome
Explore data through visualization. (Supports Program Outcome: Skill in fitting statistical models)

| Title | Tags |
|---|---|
| Critique | 214458, 0, 2, 2023-08-29 12:40:02 |

Learning Outcome
Evaluate existing visualizations by identifying excellent presentations as well as limitations, misrepresentation, and bias. (Supports Program Outcome: Skill in fitting statistical models, Communication skills)

| Title | Tags |
|---|---|
| Design | 214459, 0, 3, 2023-08-29 12:40:06 |

Learning Outcome
Choose appropriate visualization format based on data, audience, and goals. (Supports Program Outcome: Skill in fitting statistical models, Communication skills)

| Title | Tags |
|---|---|
| | 214460, 0, 4, 2023-08-29 |

loans, including principal, interest, term of loan, outstanding balance, final payment, and amortization.

| Title | Tags |
| --- | --- |
| Bonds | 205558, 0, 5 |

**Learning Outcome**
Recognize, understand, and compute problems relating to bonds, including price, redemption value, par value, coupon and coupon rate, yield rate, callable and non-callable, and accumulation of discount and premium.

| Title | Tags |
| --- | --- |
| General Cash Flow | 205716, 0, 6 |

**Learning Outcome**
Recognize, understand, and compute problems relating to general cash flows and portfolios, including yield rate and rate of return, current value, convexity, yield curve, and dividend.

| Title | Tags |
| --- | --- |
| Immunization | 205640, 0, 7 |

**Learning Outcome**
Recognize, understand, and compute problems relating to immunization, including cash flow matching, full immunization, and Redington immunization.

| Title | Tags |
| --- | --- |
| Create | 12:40:08 |

**Learning Outcome**
Create commonly-requested static and interactive data visualizations. (Supports Program Outcome: Skill in fitting statistical models)

| Title | Tags |
| --- | --- |
| Refine | 214461, 0, 5, 2023-08-29 12:40:12 |

**Learning Outcome**
Iterate and test to improve utility of a visualization. (Supports Program Outcome: Skill in fitting statistical models)

| Title | Tags |
| --- | --- |
| Communication | 214462, 0, 6, 2023-08-29 12:40:13 |

**Learning Outcome**
Tell compelling stories with data. (Supports Program Outcome: Communication skills, Professional preparation)

| Title | Tags |
| --- | --- |
| Authentic | 214463, 0, 7, 2023-08-29 12:40:16 |

**Learning Outcome**
Use authentic data sources, including large and complex datasets. (Supports Program Outcome: Computing skills, Professional preparation)

| Title | Tags |
| --- | --- |
| Portfolio | 214464, 0, 8, 2023-08-29 12:40:18 |

**Learning Outcome**
Create a portfolio of data visualizations. (Supports Program Outcome: Computing skills, Professional preparation)

| Title | Tags |
| --- | --- |
| Tools | 214465, 0, 9, 2023-08-29 12:40:19 |

**Learning Outcome**
Select appropriate tools for building visualizations, and gain skills to evaluate new tools. (Supports Program Outcome: Computing skills, Professional preparation)

## STAT 286 - Data Science Ecosystems

### Course Information

**Teaching Area (new)**
STAT
**Course Number**
286
**Teaching Area**
STAT
**Course Title**
Data Science Ecosystems
**Course Description**
Introduction to the basics of the Linux operating system. Command line interface is used to explore Linux/Unix utilities and tools. Fundamental concepts of python programming. Create and run python scripts from the command line. Introduction to database management systems, the basic structure of relational databases, and how to manage databases with Structured Query Language (SQL). Read and write simple and complex SQL statements. Integrate R, Python and SQL skills.
**Department**
Statistics
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- STAT 250 - Applied R Programming

**Additional Comments:**

## STAT 330 - Statistical Modeling 2

### Course Information

**Teaching Area (new)**
STAT
**Course Number**
330
**Teaching Area**
STAT
**Course Title**
Statistical Modeling 2
**Course Description**
Regression, transformations, residuals, indicator variables, variable selection, logistic regression, time series, observational studies, statistical software.
**Department**
Statistics
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra
  **AND** STAT 230 - Statistical Modeling 1

**Additional Comments:**

**Recommended**
STAT 250 and MATH 113 are strongly recommended as a prerequisites or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Transformations | 205875, 0, 2, 2022-07-13 14:40:48 |

**Learning Outcome**

Apply appropriate transformations to variables to improve agreement with

regression assumptions

| Title | Tags |
| --- | --- |
| Residual Diagnostics | 205876, 0, 3, 2022-07-13 14:40:48 |

**Learning Outcome**

Use residuals and influence diagnostics to assess model fit, evaluate agreement with regression assumptions, and identify outliers and influential observations

| Title | Tags |
| --- | --- |
| Software Proficiency | 214638, 0, 4 |

**Learning Outcome**

Implement the basic steps of statistical modeling from this course in both R and Python

## STAT 340 - Probability and Inference 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 340 |

**Teaching Area**
STAT
**Course Title**
Probability and Inference 2
**Course Description**
Random variables; transformations; estimation and hypothesis testing; sampling distributions; central limit theorem; law of large numbers.
**Department**
Statistics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## STAT 344 - Foundations of Long-term Actuarial Mathematics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 344 |

**Teaching Area**
STAT
**Course Title**
Foundations of Long-term Actuarial Mathematics
**Course Description**
Foundational methods and models for long term risks such as life insurance and pension plans. Mortality models (life table methods and survival models) and implementation including estimation of expected values. Partial coverage for SOA Exam FAM.
**Department**
Statistics
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- MATH 113 - Calculus 2
  **AND** STAT 240 - Probability and Inference 1

**Additional Comments:**

**Recommended**
Stat 123 and Stat 124

| Title | Tags |
| --- | --- |
| Transformations | 205854, 0, 1 |

**Learning Outcome**

Find the distribution of a transformation of random variables, including the Chi-squared and derived distributions t and F.

| Title | Tags |
| --- | --- |
| Sampling Distributions | 205855, 0, 2 |

**Learning Outcome**

Explore the sampling distributions for means and totals of random samples from common distributions.

| Title | Tags |
| --- | --- |
| Convergence | 205856, 0, 3 |

**Learning Outcome**

Apply convergence in probability and distribution to prove the Law of Large Numbers and participate in proving the Central Limit Theorems for means and proportions.

| Title | Tags |
| --- | --- |
| Sufficiency | 205857, 0, 4 |

**Learning Outcome**

Find sufficient statistics in one-parameter problems.

| Title | Tags |
| --- | --- |
| Point Estimation | 205858, 0, 5 |

## Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- STAT 240 - Probability and Inference 1
  **AND** STAT 274 - Theory of Interest

**Additional Comments:**

Learning Outcome

Derive method of moments, maximum likelihood, and Bayesian estimators.

| Title | Tags |
| --- | --- |
| Interval Estimation | 205859, 0, 6 |

Learning Outcome

Construct confidence intervals using pivots and credible intervals.

| Title | Tags |
| --- | --- |
| Evaluation | 205861, 0, 8 |

Learning Outcome

Evaluate point estimators with respect to bias, variance, and MSE.

| Title | Tags |
| --- | --- |
| Simulation | 205862, 0, 9 |

Learning Outcome

Examine sampling distributions and evaluate estimators using simulation.

| Title | Tags |
| --- | --- |
| Critical Thinking | 214639, 0, 10 |

Learning Outcome

Increase analytical confidence and critical thinking skills.

| Title | Tags |
| --- | --- |
| Hypothesis Testing | 205860, 0, 7 |

Learning Outcome

Apply the Neyman-Pearson lemma to derive the rejection region for problems involving simple hypotheses.

## STAT 346 - Foundations of Short-term Actuarial Mathematics

### Course Information

## STAT 348 - Predictive Analytics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 348 |

**Teaching Area (new)**
STAT
**Course Number**
346
**Teaching Area**
STAT
**Course Title**
Foundations of Short-term Actuarial Mathematics
**Course Description**
Foundational methods and models for short term risks such as auto insurance and health insurance. Probability models for claim frequency and claim severity with extensions to construct compound distributions. Bayesian credibility updating. Partial coverage for SOA Exam FAM.
**Department**
Statistics
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 274 - Theory of Interest
  **AND** STAT 340 - Probability and Inference 2

**Additional Comments:**

**Teaching Area**
STAT
**Course Title**
Predictive Analytics
**Course Description**
Prepare for Exam SRM and CAS's Exam MAS-I. Understand the basics of several important analytical tools including regression models, generalized linear models, regression trees, time series models, principal component analysis and clustering. Use these models to estimate parameters, determine importance of key variables, perform model selection, perform prediction, and understand key characteristics of the data.
**Department**
Statistics
**When Taught**
Fall

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 240 - Probability and Inference 1
  **AND** STAT 330 - Statistical Modeling 2

**Additional Comments:**

**Title**
Basics of Statistical Learning
**Tags**
214466, 0, 1, 2023-08-29 12:40:24

**Learning Outcome**
Perform exploratory analysis and understand how to choose what type of model to use for particular characteristics of the data and the context of a specific business problem

**Title**
Generalized Linear Models
**Tags**
214467, 0, 2, 2023-08-29 12:40:26

**Learning Outcome**

Understand generalized linear models and how to select distributions and link functions. Estimate parameters, perform diagnostic tests, interpret model output, and perform prediction

| Title | Tags |
| --- | --- |
| Time Series Models | 214468, 0, 3, 2023-08-29 12:40:29 |

**Learning Outcome**
Understand basic concepts of stochastic processes. Describe and use common time series models.

| Title | Tags |
| --- | --- |
| Decision Trees | 214469, 0, 4, 2023-08-29 12:40:30 |

**Learning Outcome**
Explain, interpret, and use regression trees for regression and classification

| Title | Tags |
| --- | --- |
| Principal Component Analysis | 214470, 0, 5, 2023-08-29 12:40:31 |

**Learning Outcome**
Calculate and interpret principal components for a data set

| Title | Tags |
| --- | --- |
| Cluster Analysis | 214471, 0, 6, 2023-08-29 12:40:35 |

**Learning Outcome**
Cluster observations using K-means and hierarchical clustering

## STAT 372 - Actuarial Problems

### Course Information

**Teaching Area (new)**
STAT
**Course Number**
372
**Teaching Area**
STAT
**Course Title**
Actuarial Problems
**Course Description**
Applying mathematical statistics in actuarial science. Prepares for SOA Exam P.
**Department**
Statistics
**When Taught**

## STAT 381 - Statistical Computing

### Course Information

**Teaching Area (new)**
STAT
**Course Number**
381
**Teaching Area**
STAT
**Course Title**
Statistical Computing
**Course Description**
Create and interact with relational databases comprised of large real world data; integrate previous course work into a single research project from formulation to final report; solve statistical problems using a combination of SAS, R, and SQL skills.
**Department**

Contact Department

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Recommended
Concurrent enrollment in Stat 340

| Title | Tags |
|---|---|
| Solving Problems | 205533, 2 |

Learning Outcome
Students will, upon course completion, be more adept at solving problems related to material covered in Statistics 370

| Title | Tags |
|---|---|
| Exam P | 205618, 1 |

Learning Outcome
The primary learning outcome of this course is to provide additional Exam P preparation for students who have completed Statistics 370

Statistics
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
2

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- **AND** STAT 224 - Applied SAS Programming
  **AND** STAT 330 - Statistical Modeling 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Design and create databases | 205756, 1 |

Learning Outcome
Demonstrate ability to design and create databases for collecting and storing study data, including structures and tools to simplify the process

| Title | Tags |
|---|---|
| Use SQL | 205757, 2 |

Learning Outcome
Be able to use SQL queries from SAS, R, and database tools to work wit databases and extract data for analysis

| Title | Tags |
|---|---|
| Use SAS/IML | 205758, 3 |

Learning Outcome
Use SAS/IML to work with

Use SAS/IML to work with matrices and compute summaries of data including importing data from SAS datasets and exporting results to SAS datasets

| Title | Tags |
| --- | --- |
| Regular expression matching | 205759, 4 |

**Learning Outcome**
Use regular expression matching in SAS, R, and other tools to extract relavent parts of data or manipulate text to make data analysis simpler

| Title | Tags |
| --- | --- |
| Write custom R functions | 205760, 5 |

**Learning Outcome**
Write custom R functions to analyze data and to pass to other processing tools

| Title | Tags |
| --- | --- |
| Create and run basic simulations | 205761, 6 |

**Learning Outcome**
Create and run basic simulations in R and SAS to explore the bahavior or routines and do basic power studies

| Title | Tags |
| --- | --- |
| Additional Tools | 205762, 7 |

**Learning Outcome**
Demonstrate knowledge about additional tools in SAS, R, and stand alone tools that could aid in preparing data for analysis

## STAT 386 - Data Science Process

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 386 |

**Teaching Area**
STAT
**Course Title**
Data Science Process
**Course Description**
Principles of data science; web scraping; data wrangling; exploratory data analysis; data visualization; ethics; version control; data communication.

## STAT 395R - Special Topics in Applied Statistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 395R |

**Teaching Area**
STAT
**Course Title**
Special Topics in Applied Statistics
**Course Description**
Offerings on current applied topics of interest in applied statistics, data science, and actuarial science

**Department**
Statistics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- STAT 286 - Data Science Ecosystems

Prerequisites

**Complete ALL of the following Courses:**
- C S 111 - Introduction to Computer Science
  **AND** STAT 121 - Principles of Statistics

Prerequisites

**Complete ALL of the following Courses:**
- C S 110 - How to Program
  **AND** STAT 121 - Principles of Statistics

**Additional Comments:**

**Department**
Statistics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
3

## STAT 435 - Nonparametric Statistical Methods

### Course Information

**Teaching Area (new)**
STAT
**Course Number**
435
**Teaching Area**
STAT

## STAT 437 - Applications in Biostatistics

### Course Information

**Teaching Area (new)**
STAT
**Course Number**
437
**Teaching Area**
STAT
**Course Title**
Applications in Biostatistics

**Course Title**
Nonparametric Statistical Methods
**Course Description**
Permutation tests, rank-based methods, analysis of contingency tables, bootstrap methods, curve fitting.
**Department**
Statistics
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 330 - Statistical Modeling 2
  **AND** STAT 340 - Probability and Inference 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Bootstrap Confidence Intervals | 205505, 4 |

**Learning Outcome**
Formulate and compute bootstrap (resampling) confidence intervals

| Title | Tags |
|---|---|
| Contingency Tables | 205526, 3 |

**Learning Outcome**
Compute the following tests for contingency tables: Fisher's exact test, Mantel-Haenszel test, McNemar's test

| Title | Tags |
|---|---|

Applications in Biostatistics
**Course Description**
Module-based survey of biostatistics methods: observational studies, clinical trials, measures of association, Kaplan-Meier, proportional hazards models, logistic regression, ethical concerns in research with human subjects.
**Department**
Statistics
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 330 - Statistical Modeling 2
  **AND** STAT 340 - Probability and Inference 2

**Additional Comments:**

| | |
|---|---|
| Examples of Trade-Off | 205566, 0 |

**Learning Outcome**
Explain and provide examples of the trade-off between parametric assumptions and efficiency of statistical inference

| Title | Tags |
|---|---|
| Parametric Assumptions and Statistical Inference | 205571, 1 |

**Learning Outcome**
Explain and provide examples of the trade-off between parametric assumptions and efficiency of statistical inference

| Title | Tags |
|---|---|
| Compute Rank-Based Methods | 205596, 2 |

**Learning Outcome**
Compute the following rank-based methods: Wilcoxon Rank-Sum test, Mann-Whitney test, Signed-Rank test, Kruskal-Wallis test, Spearman Rank Correlation

| Title | Tags |
|---|---|
| Generalized Additive Models | 205627, 5 |

**Learning Outcome**
Compute generalized additive models (GAM) with splines or smoothers for possible nonlinear effects in R

| Title | Tags |
|---|---|
| Permutation Tests | 205665, 3 |

**Learning Outcome**
Formulate and compute permutation tests for 2-sample, K-sample, and contingency tables

| Title | Tags |
|---|---|
| Rank-Based Methods | 205735, 1 |

**Learning Outcome**
Compute the following rank-based methods: Wilcoxon Rank-Sum test, Mann-Whitney test, Signed-Rank test, Kruskal-Wallis test, and Spearman Rank Correlation

## STAT 444 - Advanced Long-term Actuarial Mathematics

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
444

**Teaching Area**
STAT

**Course Title**
Advanced Long-term Actuarial Mathematics

**Course Description**
Advanced modeling of long term contingent risks including the basics of survival analysis, multistate survival models, and multiple decrement survival models. Prepares for SOA Exam ALTAM.

**Department**
Statistics

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- STAT 340 - Probability and Inference 2
  **AND** STAT 344 - Foundations of Long-term Actuarial Mathematics

**Additional Comments:**

## STAT 446 - Advanced Short-term Actuarial Mathematics

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
446

**Teaching Area**
STAT

**Course Title**
Advanced Short-term Actuarial Mathematics

**Course Description**
Advanced modeling of short term contingent risks including the development and use of compound models such as the Poisson-Gamma probability models and their variants. Bayesian methods to construct posterior distributions of loss. Prepares for SOA Exam ASTAM.

**Department**
Statistics

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- STAT 346 - Foundations of Short-term Actuarial Mathematics

**Additional Comments:**

## STAT 451 - Applied Bayesian Statistics

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
451

## STAT 466 - Introduction to Reliability

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
466

STAT 451
Teaching Area
STAT
Course Title
Applied Bayesian Statistics
Course Description
Bayesian analogs of t-tests, regression, ANOVA, ANCOVA, logistic regression, and Poisson regression implemented using Nimble, Stan, JAGS and Proc MCMC.
Department
Statistics
When Taught
Winter

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- STAT 251 - Introduction to Bayesian Statistics
  **AND** STAT 330 - Statistical Modeling 2
  **AND** STAT 340 - Probability and Inference 2

Additional Comments:

| Title | Tags |
|---|---|
| Write code in R | 205621, 1 |

Learning Outcome
Students will be able to generate their own analysis of Bayesian models in R.

| Title | Tags |
|---|---|
| Understand, Explain, and Demonstrate | 205685, 2 |

Learning Outcome
Students will be able to understand, explain and

STAT 466
Teaching Area
STAT
Course Title
Introduction to Reliability
Course Description
Mathematics, distributions, management, and maintenance of basic reliability concepts; collection and analysis of test data; fault tree analysis; applying reliability in various areas.
Department
Statistics
When Taught
Winter

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
2

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- STAT 330 - Statistical Modeling 2
  **AND** STAT 340 - Probability and Inference 2

Additional Comments:

| Other Prerequisites | Recommended |
|---|---|
| Advanced students with STAT 201 and instructor's consent could also be permitted to take this course | STAT 330; STAT 251; STAT 251 |

| Title | Tags |
|---|---|
| Repairable Systems | 205598, 6 |

Learning Outcome
Analyze repairable systems

| Title | Tags |
|---|---|
| Model reliability | 205604, 4 |

Learning Outcome
Model reliability for simple systems

demonstrate basic Bayesian theory and its usefulness in real-world applications.

| Title | Tags |
| --- | --- |
| Fit and Interpret Bayesian Model | 205719, 0 |

**Learning Outcome**
Students will be able to apply, implement and interpret a fully Bayesian approach to relevant statistical problems, including design, model selection, model fit steps.

| Title | Tags |
| --- | --- |
| Reliability Plot | 205645, 6 |

**Learning Outcome**
Make reliability plots of data

| Title | Tags |
| --- | --- |
| Predict | 205679, 5 |

**Learning Outcome**
Predict field failures

| Title | Tags |
| --- | --- |
| Reliability Concepts | 205686, 0, 1, 2021-02-05 14:28:13 |

**Learning Outcome**
Discuss basic reliability concepts and the challenges of modeling censored data

| Title | Tags |
| --- | --- |
| Reliability Data | 205702, 0, 2, 2021-02-05 14:28:13 |

**Learning Outcome**
Identify and describe the four main types of reliability data

| Title | Tags |
| --- | --- |
| Statistical Models | 205493, 0, 3, 2021-02-05 14:28:13 |

**Learning Outcome**
Construct and interpret statistical models of reliability data, from identifying appropriate models to constructing the likelihoods

| Title | Tags |
| --- | --- |
| Bayesian Analysis | 205653, 0, 7, 2021-02-05 14:28:13 |

**Learning Outcome**
Construct and interpret a Bayesian analysis of reliability data, from prior selection to sampling from the posterior distribution

## STAT 469 - Analysis of Correlated Data

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 469 |

## STAT 482 - Data Science Capstone 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 482 |

**Teaching Area**
STAT
**Course Title**
Analysis of Correlated Data
**Course Description**
IID regression, heterogenous variances, SARIMA models, longitudinal data, point and areally referenced spatial data.
**Department**
Statistics
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 330 - Statistical Modeling 2
  **AND** STAT 340 - Probability and Inference 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Define Functions | 205524, 1 |

**Learning Outcome**
Define the autocovariance and autocorrelation functions

| Title | Tags |
|---|---|
| Order of an ARIMA | 205544, 6 |

**Learning Outcome**
Select the order of an ARIMA model from the sample ACF and sample PACF

| Title | Tags |
|---|---|

**Teaching Area**
STAT
**Course Title**
Data Science Capstone 1
**Course Description**
Principles of data mining; regression, classification, and clustering in data science; Group capstone project.
**Department**
Statistics
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 286 - Data Science Ecosystems
  **AND** STAT 330 - Statistical Modeling 2
  **AND** STAT 340 - Probability and Inference 2

**Additional Comments:**

**Other Prerequisites**

**Note**
Stat 482 and Stat 483 are part of a year long sequence. Students enrolling in Stat 482 must also plan to take Stat 483 the following semester.

| Title | Tags |
| --- | --- |
| Define Weak Stationarity | 205578, 2 |

**Learning Outcome**
Define weak stationarity

| Title | Tags |
| --- | --- |
| ARMA | 205601, 5 |

**Learning Outcome**
Define an ARMA (p, q) process

| Title | Tags |
| --- | --- |
| Define Process | 205641, 3 |

**Learning Outcome**
Define white noise process

| Title | Tags |
| --- | --- |
| Fit an ARIMA | 205672, 7 |

**Learning Outcome**
Fit an ARIMA (p, d, q) model and generate forecasts with prediction intervals in R

| Title | Tags |
| --- | --- |
| AR and MA Model | 205734, 4 |

**Learning Outcome**
Derive the mean, autocovariance, and autocorrelation of an AR and MA model

## STAT 483 - Data Science Capstone 2

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
483

**Teaching Area**
STAT

**Course Title**
Data Science Capstone 2

**Course Description**
Data streaming and continuation of second half of capstone group project.\n

**Department**
Statistics

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 482 - Data Science Capstone 1

**Additional Comments:**

## STAT 486 - Machine Learning

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
486

**Teaching Area**
STAT

**Course Title**
Machine Learning

**Course Description**
Supervised and unsupervised learning; model evaluation; recommendation systems; natural language process and unstructured data; deep learning.\n

**Department**
Statistics

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 330 - Statistical Modeling 2
  **AND** STAT 340 - Probability and Inference 2
  **AND** STAT 386 - Data Science Process

**Additional Comments:**

## STAT 495R - Special Topics in Statistics

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
495R

**Teaching Area**
STAT

## STAT 496R - Academic Internship: Statistics

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
496R

**Teaching Area**
STAT

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**Course Title**
Special Topics in Statistics
**Course Description**
Offerings available from individual faculty on current topics of interest in statistics.
**Department**
Statistics
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Stat 495R | 205820, 1 |

**Learning Outcome**
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after completion of a special topics course in statistics, the student will:

| Title | Tags |
|---|---|
| Understanding of and Competence in Subject Matter | 205821, 2 |

**Learning Outcome**
Demonstrate understanding of and competence in subject matter, varying by course topic

| Title | Tags |
|---|---|
| Historical Context or Modern Relevance | 205822, 3 |

**Learning Outcome**
Explain the historical context or modern relevance of the selected special topics curriculum

| Title | Tags |
|---|---|
| Proficiency in Specialized Quantitative Methods | 205823, 4 |

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**Course Title**
Academic Internship: Statistics
**Course Description**
On-the-job experience or internships for undergraduates. Report is required.
**Department**
Statistics
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
Department coordinator's consent
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Work Ethic | 205510, 2 |

**Learning Outcome**
Demonstrate good work ethics

| Title | Tags |
|---|---|
| Appropriate Dress and Etiquette | 205650, 1 |

**Learning Outcome**
Practice appropriate dress and etiquette in varied business settings

| Title | Tags |
|---|---|
| Written and Oral Communication | 205705, 3 |

**Learning Outcome**
Demonstrate effective written and oral communication skills as they report on their internship experience

Quantitative Methods 205823, 4

**Learning Outcome**
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package

**Title**
Report or Presentation of Authentic Data

**Tags**
205824, 5

**Learning Outcome**
Prepare a report or presentation documenting an authentic data analysis using the tools of the special topics curriculum

## STAT 497R - Introduction to Statistical Research

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
497R

**Teaching Area**
STAT

**Course Title**
Introduction to Statistical Research

**Course Description**
Review of current literature and survey of present status of significant statistical research; collaborative work between student and faculty.

**Department**
Statistics

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
6

**Other Prerequisites**
Department chair's consent

Title Tags

## STAT 500 - (Stat-Chem-C S-Geol-Math-MthEd-Phscs) Business Career Essentials in Science and Math

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
500

**Teaching Area**
STAT

**Course Title**
(Stat-Chem-C S-Geol-Math-MthEd-Phscs) Business Career Essentials in Science and Math

**Course Description**
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.

**Department**
Statistics

**When Taught**
Contact Department

### Credit Hours

**Min**
1.5

**Fixed**
1.5

### Lecture Hours

**Fixed**
1.5

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Research Project | 205593, 1 |

**Learning Outcome**
Contribute to the research project in terms of literature review, data analysis, and reporting of preliminary results

| Title | Tags |
| --- | --- |
| Initiative | 205619, 3 |

**Learning Outcome**
Show initiative in the conduct of research

| Title | Tags |
| --- | --- |
| Work Ethic | 205658, 2 |

**Learning Outcome**
Demonstrate good work ethics (punctuality to meetings, follow-up of action items, and so forth)

| Title | Tags |
| --- | --- |
| STAT 497R | 205739, 0 |

**Learning Outcome**
After completing a term of mentored research in an environment approaching that of graduate study, the student will be able to1. contribute to the research project in terms of literature review, data analysis, and reporting of preliminary results,2. demonstrate good work ethics (punctuality to meetings, follow-up of action items, and so forth), and3. show initiative in the conduct of research.

## STAT 502 - Job Search Strategies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 502 |

**Teaching Area**
STAT
**Course Title**
Job Search Strategies
**Course Description**
Course will assist graduating students in identifying and connecting to potential employers.
**Department**
Statistics
**When Taught**
Fall and Winter

## STAT 511 - Statistical Methods for Research 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 511 |

**Teaching Area**
STAT
**Course Title**
Statistical Methods for Research 1
**Course Description**
Basic statistical methodologies and experimental design. Topics include simple analysis of variance, multiple regression, analysis of covariance, model selection.
**Department**

Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

Statistics
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- STAT 121 - Principles of Statistics

Prerequisites

**Complete ALL of the following Courses:**

- STAT 201 - Statistics for Engineers and Scientists

**Additional Comments:**

**Other Prerequisites**
or equivalent.
**Note**
Lab optional.

| **Title** | **Tags** |
| --- | --- |
| Randomization | 205520, 1 |

**Learning Outcome**
Describe the role of randomization and replication in inferring causation

| **Title** | **Tags** |
| --- | --- |
| Simple and Multiple Linear Regression | 205543, 5 |

**Learning Outcome**
Fit both simple and multiple linear regression and interpret

linear regression and interpret the results

| Title | Tags |
| --- | --- |
| Assess Model Fit | 205572, 6 |

**Learning Outcome**
Use residuals and influence diagnostics to assess model fit, agreement with regression assumptions, and identify outliers and influential observations

| Title | Tags |
| --- | --- |
| Scientific Literature | 205591, 7 |

**Learning Outcome**
Critically read scientific literature of their field involving parametric linear models with a continuous response

| Title | Tags |
| --- | --- |
| ANOVA | 205622, 4 |

**Learning Outcome**
Fit a one-way ANOVA and construct an interpret the ANOVA table in JMP (or other software)

| Title | Tags |
| --- | --- |
| JMP | 205666, 2 |

**Learning Outcome**
Use JMP (or other software) to read in data and compute numerical and graphical summaries of the data

| Title | Tags |
| --- | --- |
| T-Test | 205704, 3 |

**Learning Outcome**
Use a t-test (one-sample, paired, and two-sample) to perform inference on means and know what the assumptions for use are

## STAT 512 - Statistical Methods for Research 2

### Course Information

## STAT 531 - Experimental Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 531 |

**Teaching Area (new)**
STAT
**Course Number**
512
**Teaching Area**
STAT
**Course Title**
Statistical Methods for Research 2
**Course Description**
Advanced statistical methodologies and experimental design. Topics include multi-way analysis of variance, mixed models analysis of variance, logistic regression, log-linear models, time series models, principal components, canonical correlation, common experimental designs.
**Department**
Statistics
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- STAT 511 - Statistical Methods for Research 1

**Additional Comments:**

**Note**
Lab optional.

| Title | Tags |
|---|---|
| Two-Way ANOVA | 205495, 1 |

**Learning Outcome**
Fit a two-way ANOVA and interpret the main effects and interaction

| Title | Tags |
|---|---|
| Fixed and Random Effects | 205511, 2 |

**Learning Outcome**

**Teaching Area**
STAT
**Course Title**
Experimental Design
**Course Description**
Basic designs, power and sample size, Latin squares, incomplete blocks, change-over designs, factorials, fractional factorials, confounding, split-plots, response surface designs.
**Department**
Statistics
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- MATH 213 - Elementary Linear Algebra
  **AND** STAT 330 - Statistical Modeling 2
  **AND** STAT 340 - Probability and Inference 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Collect the Data | 205535, 3 |

**Learning Outcome**
Execute the plan to collect the data, or advise a colleague to do it

| Title | Tags |
|---|---|
| Determine the Model | 205588, 4 |

**Learning Outcome**
Determine the model appropriate for the data

Explain the differences between fixed and random effects and interpret computer output from mixed model analyses

| Title | Tags |
| --- | --- |
| Construct Designs | 205512, 8 |

**Learning Outcome**
Construct a factorial design and a screening design

| Title | Tags |
| --- | --- |
| Interpret and Calculate | 205605, 5 |

**Learning Outcome**
Interpret and calculate odds, odds ratios, risk differences, and relative risks from 2x2 contingency tables and describe which measures are justified in prospective and retrospective studies

| Title | Tags |
| --- | --- |
| Multivariate Data | 205657, 4 |

**Learning Outcome**
Recognize multivariate data, and appropriately carry out principal components analysis and canoncial correlation analysis using statistical software

| Title | Tags |
| --- | --- |
| Assess Associations | 205688, 6 |

**Learning Outcome**
Use X^2 tests and Fisher's Exact tests to assess associations in 2x2 contingency tables

| Title | Tags |
| --- | --- |
| Fit and Interpret | 205715, 7 |

**Learning Outcome**
Fit and interpret simple generalized linear regression models (binary response data and count response data) and draw appropriate conclusions justified by the study design

| Title | Tags |
| --- | --- |
| Evidence of Autocorrelation | 205731, 3 |

**Learning Outcome**

| Title | Tags |
| --- | --- |
| Interpret and Present | 205633, 6 |

**Learning Outcome**
Interpret the results and present the data in a meaningful way to answer the research problem at hand

| Title | Tags |
| --- | --- |
| Fit the Model | 205678, 5 |

**Learning Outcome**
Fit the model to the data, and verify that the assumptions have been satisfied

| Title | Tags |
| --- | --- |
| Experimental Design Plan | 205695, 1 |

**Learning Outcome**
Choose an experimental design plan that is appropriate for the research problem at hand

| Title | Tags |
| --- | --- |
| Construct the Design | 205698, 2 |

**Learning Outcome**
Construct the design, including determining the proper number of replicates and the creation of a randomized data collection form

Identify evidence of autocorrelation and fit an ar(1) model to analyze continuous time series data

## STAT 535 - Linear Models

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
535

**Teaching Area**
STAT

**Course Title**
Linear Models

**Course Description**
Theory of the Gaussian Linear Model with applications to illustrate and complement the theory; random vectors, multivariate normal, central and non-central chi-squared, t, F distributions; distribution of quadratic forms; Gauss-Markov Theorem; distribution theory of estimates and standard tests in multiple regression and ANOVA models; regression diagnostics; parameterizations and estimability; model selection and its consequences.

**Department**
Statistics

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- MATH 213 - Elementary Linear Algebra
  **AND** STAT 330 - Statistical Modeling 2
  **AND** STAT 340 - Probability and Inference 2

## STAT 536 - Statistical Learning and Data Mining

### Course Information

**Teaching Area (new)**
STAT

**Course Number**
536

**Teaching Area**
STAT

**Course Title**
Statistical Learning and Data Mining

**Course Description**
Multiple linear regression, nonlinear regression, local regression, penalized regression, generalized additive models, logistic regression, discriminant analysis, tree-structured regression, support vector machines, neural networks.

**Department**
Statistics

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Departmental consent

| Title | Tags |
| --- | --- |
| Model Assessment | 205519, 7 |

**Learning Outcome**
Model Assessment and Selection

| Title | Tags |
| --- | --- |
| Linear Regression | 205534, 2 |

**Learning Outcome**
Review Linear Regression Models

**AND** STAT 340 - Probability and Inference 2

Prerequisites

**Complete ALL of the following Courses:**

- **AND** STAT 330 - Statistical Modeling 2
  **AND** STAT 340 - Probability and Inference 2

**Additional Comments:**

| Title | Tags |
|---|---|
| Course Outcomes | 205769, 1 |

Learning Outcome
Upon successful completion of this course, the student will be able to:

| Title | Tags |
|---|---|
| Gaussian Linear Models | 208387, 0, 23, 2019-06-07 09:09:50 |

Learning Outcome
Demonstrate the application of Gaussian Linear Models for observational studies and designed experiments.

| Title | Tags |
|---|---|
| Solve problems | 208388, 0, 24, 2019-06-07 09:09:50 |

Learning Outcome
Solve problems using random vectors.

| Title | Tags |
|---|---|
| Understand derivation | 208389, 0, 25, 2019-06-07 09:09:50 |

Learning Outcome
Understand derivation and distribution of linear and quadratic forms.

| Title | Tags |
|---|---|
| Understand definitions | 208390, 0, 26, 2019-06-07 09:09:50 |

Learning Outcome
Understand definitions and properties of multivariate normal, non-central chi-square, t, and F distributions.

| Title | Tags |
|---|---|
| | 208391, 0, 27, 2019-06-07 |

Review Linear Regression Models

| Title | Tags |
|---|---|
| Boosting | 205537, 12 |

Learning Outcome
Boosting, Bayesian Adaptive Regression Trees

| Title | Tags |
|---|---|
| Measurement | 205540, 5 |

Learning Outcome
Measurement Error Models

| Title | Tags |
|---|---|
| Bayesian | 205550, 4 |

Learning Outcome
Bayesian Linear Regression

| Title | Tags |
|---|---|
| Tree-based Models | 205609, 11 |

Learning Outcome
Tree-based Models, Random Forests

| Title | Tags |
|---|---|
| p >> n | 205624, 13 |

Learning Outcome
p >> n

| Title | Tags |
|---|---|
| Weighted Least Squares | 205634, 3 |

Learning Outcome
Review Weighted Least Squares, Mixed Models

| Title | Tags |
|---|---|
| Linear Models | 205635, 6 |

Learning Outcome
Generalized Linear Models (logistic)

| Title | Tags |
|---|---|
| Local Regression | 205703, 9 |

Learning Outcome
Local Regression (splines, smoothers)

| Title | Tags |
| --- | --- |
| Derive maximum likelihood | 208391, 0, 27, 2019-06-07 09:09:50 |

Learning Outcome
Derive maximum likelihood estimates of parameters in a linear model with normal, independent errors.

| Title | Tags |
| --- | --- |
| Linear models estimates | 208392, 0, 28, 2019-06-07 09:09:50 |

Learning Outcome
Derive the properties of linear models estimates (Gauss-Markov Theorem, Wald tests).

| Title | Tags |
| --- | --- |
| Unconstrained and con-strained models | 208393, 0, 29, 2019-06-07 09:09:50 |

Learning Outcome
Derive tests on linear hypotheses by estimation of both the unconstrained and con-strained model (full and reduced LRT/ANOVA).

| Title | Tags |
| --- | --- |
| Cell means model | 208394, 0, 30, 2019-06-07 09:09:50 |

Learning Outcome
Apply the cell means model in one-way and multiway fixed designs, interpret parame- ters from alternative model reparameterizations, estimability.

| Title | Tags |
| --- | --- |
| Regression | 208395, 0, 31, 2019-06-07 09:09:50 |

Learning Outcome
Explore consequences of model assumption violations and use regression diagnostics to identify possible model violations.

| Title | Tags |
| --- | --- |
| Theoretical consequences | 208396, 0, 32, 2019-06-07 09:09:50 |

Learning Outcome
Derive theoretical consequences of overfitting and underfitting in model selection.

| Title | Tags |
| --- | --- |
| GAM | 205710, 10 |

Learning Outcome
Generalized Additive Models (GAM)

| Title | Tags |
| --- | --- |
| Shrinkage Methods | 205718, 8 |

Learning Outcome
Shrinkage Methods, Bias-Variance Tradeoff, Subset Selection

| Title | Tags |
| --- | --- |
| STAT 536 | 205777, 1 |

Learning Outcome
This course trains students in using statistical methods for modeling a response variable as a function of explanatory variables. Stat 535 (a prerequisite) covered linear models, and this course attempts to cover the complement set. At a minimum you will learn the derivation, computation, and application of the different methods on data.

## STAT 537 - Mixed Model Methods

### Course Information

**Teaching Area (new)**
STAT
**Course Number**
537
**Teaching Area**
STAT
**Course Title**
Mixed Model Methods
**Course Description**
Fixed effects, random effects, repeated measures, nonindependent data, general covariance structures, estimation methods.
**Department**
Statistics
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 535 - Linear Models

**Additional Comments:**

**Title**
Explain the Difference
**Tags**
205513, 2

**Learning Outcome**
Explain the difference between fixed and random effects as implemented in the mixed model

## STAT 538 - Survival Analysis

### Course Information

**Teaching Area (new)**
STAT
**Course Number**
538
**Teaching Area**
STAT
**Course Title**
Survival Analysis
**Course Description**
Basic concepts of survival analysis; hazard functions; types of censoring; Kaplan-Meier estimates; Logrank tests; proportional hazard models; examples drawn from clinical and epidemiological literature.
**Department**
Statistics
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STAT 330 - Statistical Modeling 2
  **AND** STAT 340 - Probability and Inference 2

**Additional Comments:**

**Title**
Effectively Communicate
**Tags**
205527, 7

**Learning Outcome**
Be able to effectively communicate the results of data analyses

| Title | Tags |
| --- | --- |
| Perform Analyzes | 205557, 5 |

**Learning Outcome**
Perform analyzes of mixed models using both SAS and R

| Title | Tags |
| --- | --- |
| Evaluate the Fit | 205602, 4 |

**Learning Outcome**
Evaluate the fit of the mixed model using Choleski residuals

| Title | Tags |
| --- | --- |
| Apply Mixed Models | 205737, 3 |

**Learning Outcome**
Appropriately apply mixed models to deal with nonindependent data and variety of covariance structures

| Title | Tags |
| --- | --- |
| Perform Bayesian Analysis | 205778, 6 |

**Learning Outcome**
Perform full Bayesian analysis of mixed models using Bayesian software

| Title | Tags |
| --- | --- |
| STAT 537 | 205881, 1 |

**Learning Outcome**
Students will be able to explain, apply, evaluate, and perform different implements of mixed models

## STAT 590R - Statistical Consulting

| Title | Tags |
| --- | --- |
| Formal Analysis in Different Settings | 205556, 5 |

**Learning Outcome**
Conduct formal analysis in high-dimensional, low-sample size settings

| Title | Tags |
| --- | --- |
| Formal Comparison | 205569, 3 |

**Learning Outcome**
Conduct formal comparison of survival functions for two samples

| Title | Tags |
| --- | --- |
| Estimation | 205626, 2 |

**Learning Outcome**
Conduct estimation of the survival function for a single sample

| Title | Tags |
| --- | --- |
| Theory of Survival Analysis Methods | 205699, 1 |

**Learning Outcome**
Understand the basic underlying theory of survival analysis methods

| Title | Tags |
| --- | --- |
| Assess Appropriateness | 205709, 6 |

**Learning Outcome**
Be able to assess the appropriateness of the use of methods for a given data set (given the scientific questions of interest and given the data characteristics)

| Title | Tags |
| --- | --- |
| Formal Analysis | 205732, 4 |

**Learning Outcome**
Conduct formal analysis through incorporation of covariates

## STAT 591R - Graduate Seminar in Statistics

## Course Information

**Teaching Area (new)**
STAT

**Course Number**
590R

**Teaching Area**
STAT

**Course Title**
Statistical Consulting

**Course Description**
Introduction to statistical consulting, oral presentations, presentation packages, written reports. Extensive applied experience in the Center for Collaborative Research and Statistical Consulting.

**Department**
Statistics

**When Taught**
Winter

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Departmental consent

| Title | Tags | Learning Outcome |
|---|---|---|
| Oral and Written Presentations | 205504, 4 | Make oral and written presentations of statistical results to a non-statistician |
| Elicit Information | 205506, 2 | Elicit the relevant information from a non-statistician in order to complete the correct statistical analysis |
| Communicate Concepts | 205552, 3 | Communicate statistical concepts to a non-statistician |
| Work in a Team | 205689, 1 | |

## Course Information

**Teaching Area (new)**
STAT

**Course Number**
591R

**Teaching Area**
STAT

**Course Title**
Graduate Seminar in Statistics

**Department**
Statistics

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0

**Fixed**
0

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Effective Presentation | 205726, 2 | Describe elements of the effective presentation of statistical results to a specialized audience |
| Statistical Research | 205730, 1 | Identify areas of emergent statistical research |

Learning Outcome
Work in a team with members from other disciplines

## STAT 595R - Sampling Practicum

### Course Information

Teaching Area (new)
STAT
Course Number
595R
Teaching Area
STAT
Course Title
Sampling Practicum
Department
Statistics
When Taught
Contact Department

### Credit Hours

Min
1
Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Instructor's consent.

Title
Stat 595R
Tags
205792, 1
Learning Outcome
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after completion of a special topics course in statistics, the student will:

Title
Demonstrate Understanding
Tags
205797, 2
Learning Outcome
Demonstrate understanding of and competence in subject matter, varying by course topic

## STAT 595R - Special Topics in Statistics

### Course Information

Teaching Area (new)
STAT
Course Number
595R
Teaching Area
STAT
Course Title
Special Topics in Statistics
Department
Statistics
When Taught
Contact Department

### Credit Hours

Min
1
Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Instructor's consent

Title
Explain Historicity and Relevance
Tags
205568, 3
Learning Outcome
Explain the historical context or modern relevance of the selected special topics curriculum

Title
Demonstrate Understanding
Tags
205587, 2
Learning Outcome
Demonstrate understanding of and competence in subject matter, varying by course topic

Title
Develop Proficiency
Tags
205687, 4
Learning Outcome
Develop proficiency in specialized quantitative methods

| Title | Tags |
| --- | --- |
| Explain Historicity and Relevance | 205798, 3 |

**Learning Outcome**
Explain the historical context or modern relevance of the selected special topics curriculum

| Title | Tags |
| --- | --- |
| Develop Proficiency | 205803, 4 |

**Learning Outcome**
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package.

and their use in a modern statistical software package.

| Title | Tags |
| --- | --- |
| STAT 595R | 205712, 1 |

**Learning Outcome**
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after completion of a special topics course in statistics, the student will:

## STAT 595R - Expert Systems in Statistics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 595R |

**Teaching Area**
STAT
**Course Title**
Expert Systems in Statistics
**Department**
Statistics
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Stat 595R | 205788, 1 |

**Learning Outcome**
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after

## STAT 595R - Biostatistical Methods.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 595R |

**Teaching Area**
STAT
**Course Title**
Biostatistical Methods.
**Department**
Statistics
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Stat 595R | 205794, 1 |

**Learning Outcome**
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after

completion of a special topics course in statistics, the student will:

| Title | Tags |
| --- | --- |
| Demonstrate Understanding | 205789, 2 |

**Learning Outcome**
Demonstrate understanding of and competence in subject matter, varying by course topic

| Title | Tags |
| --- | --- |
| Explain Historicity and Relevance | 205790, 3 |

**Learning Outcome**
Explain the historical context or modern relevance of the selected special topics curriculum

| Title | Tags |
| --- | --- |
| Develop Proficiency | 205791, 4 |

**Learning Outcome**
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package

completion of a special topics course in statistics, the student will:

| Title | Tags |
| --- | --- |
| Demonstrate Understanding | 205795, 2 |

**Learning Outcome**
Demonstrate understanding of and competence in subject matter, varying by course topic

| Title | Tags |
| --- | --- |
| Explain Historicity and Relevance | 205800, 3 |

**Learning Outcome**
Explain the historical context or modern relevance of the selected special topics curriculum

| Title | Tags |
| --- | --- |
| Develop Proficiency | 205801, 4 |

**Learning Outcome**
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package.

## STAT 595R - Theory of Risk

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 595R |

**Teaching Area**
STAT
**Course Title**
Theory of Risk
**Department**
Statistics
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**

## STAT 595R - Statistical Computations

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STAT | 595R |

**Teaching Area**
STAT
**Course Title**
Statistical Computations
**Department**
Statistics
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

### Lab Hours

**Fixed**

0

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Exam C | 205517, 0 |

**Learning Outcome**
The primary learning outcome of this course is to prepare students for part of Exam C offered by the Society of Actuaries.

| Title | Tags |
| --- | --- |
| Estimation | 205613, 4 |

**Learning Outcome**
Recognize, understand, and complete problems related to constructing parametric models: estimate parameters, apply unbiasedness, consistency, UMVUE, and MSE to survival, severity, frequency, and aggregate models.

| Title | Tags |
| --- | --- |
| Survival/Severity/Frequency/Aggregate Models | 205630, 1 |

**Learning Outcome**
Recognize, understand, and complete problems related to Survival, Severity, Frequency and Aggregate models. Learn how to model data for each of these.

| Title | Tags |
| --- | --- |
| Risk | 205661, 2 |

**Learning Outcome**
Recognize, understand, and complete problems related to basic risk measures.

| Title | Tags |
| --- | --- |
| Simulation and Resampling | 205668, 5 |

**Learning Outcome**
Recognize, understand, and complete problems related to learning simulation and resampling methods for model validation.

| Title | Tags |
| --- | --- |
| Empirical Models | 205701, 3 |

0

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Develop Proficiency in Methods | 205660, 3 |

**Learning Outcome**
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package

| Title | Tags |
| --- | --- |
| Explain Context | 205683, 2 |

**Learning Outcome**
Explain the historical context or modern relevance of the selected special topics curriculum

| Title | Tags |
| --- | --- |
| Demonstrate Understanding | 205729, 1 |

**Learning Outcome**
Demonstrate understanding of and competence in subject matter, varying by course topic

Learning Outcome
Recognize, understand, and complete problems related to fitting empirical models to data and applying statistical estimation procedures.

## STAT 595R - Quality Methods

### Course Information

Teaching Area (new)
STAT
Course Number
595R
Teaching Area
STAT
Course Title
Quality Methods
Department
Statistics
When Taught
Contact Department

#### Credit Hours

Min
1
Fixed
3

#### Lab Hours

Fixed
0

Other Prerequisites
Instructor's consent

Title
Stat 595R
Tags
205793, 1

Learning Outcome
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after completion of a special topics course in statistics, the student will:

Title
Demonstrate Understanding
Tags
205796, 2

Learning Outcome
Demonstrate understanding of and competence in subject

## STAT 599R - Academic Internship: Statistics

### Course Information

Teaching Area (new)
STAT
Course Number
599R
Teaching Area
STAT
Course Title
Academic Internship: Statistics
Course Description
On-the-job experience. Report required.
Department
Statistics
When Taught
Contact Department

#### Credit Hours

Min
1
Fixed
9

#### Lecture Hours

Fixed
0

#### Lab Hours

Fixed
0

Other Prerequisites
Departmental consent
Note
An APPROVED Internship Application is required before adding.

Title
Apply Knowledge
Tags
205498, 1

Learning Outcome
Apply classroom knowledge and skills to day-to-day statistical tasks

Title
Effective Written and Oral
Tags

matter, varying by course topic

| Title | Tags |
| --- | --- |
| Explain Historicity and Relevance | 205799, 3 |

**Learning Outcome**
Explain the historical context or modern relevance of the selected special topics curriculum

| Title | Tags |
| --- | --- |
| Develop Proficiency | 205802, 4 |

**Learning Outcome**
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package.

| Title | Tags |
| --- | --- |
| Communication | 205518, 6 |

**Learning Outcome**
Demonstrate effective written and oral communication skills as they report on their internship experience

| Title | Tags |
| --- | --- |
| Effectively Communicate | 205581, 5 |

**Learning Outcome**
Effectively communicate results of statistical analyses to clients, supervisors, and colleagues

| Title | Tags |
| --- | --- |
| Appropriate Dress and Etiquette | 205644, 4 |

**Learning Outcome**
Practice appropriate dress and etiquette in varied business settings

| Title | Tags |
| --- | --- |
| Personal Career Goals | 205717, 2 |

**Learning Outcome**
Explore personal career goals and expectations

| Title | Tags |
| --- | --- |
| Problem Solving Skills | 205723, 3 |

**Learning Outcome**
Develop problem solving skills

## STDEV 100 - Essential College Skills

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 100 |

**Teaching Area**
STDEV
**Course Title**
Essential College Skills
**Course Description**
Developing essential college skills for online learning: Understanding the Mission and AIMS of BYU, navigating an LMS, understanding learning strategies, maintaining wellness, accessing resources, and connecting to the campus community.
**Department**
Student Development
**When Taught**
All Semesters/Terms

## STDEV 109 - Effective Study and Learning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 109 |

**Teaching Area**
STDEV
**Course Title**
Effective Study and Learning
**Course Description**
Learning to learn: motivation, time management, reading, listening, notetaking, test preparation, and memorizing.
**Department**
Student Development
**When Taught**
All Semesters/Terms

### Credit Hours

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Admission to the BGS program.
**Note**
Offered only through the Bachelor of General Studies program.

| Title | Tags |
| --- | --- |
| Study Skills | 191537, 5 |

**Learning Outcome**
3. Add new study and test preparation (study) skills to their existing repertoire.

| Title | Tags |
| --- | --- |
| Educational Goals | 206380, 1 |

**Learning Outcome**
1. Articulate their educational values and goals and how they align with the purposes of a BYU education.

| Title | Tags |
| --- | --- |
| Time Management | 206418, 3 |

**Learning Outcome**
2. Analyze the effectiveness of their own planning/scheduling system and be able to demonstrate that they understand sound time management and goal setting principles.

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Note Taking | 206252, 3 |

**Learning Outcome**

Students will be able to produce course lecture notes using a systematic note-taking system.

| Title | Tags |
| --- | --- |
| Test-Preparation and Test-Taking | 206344, 5 |

**Learning Outcome**

Students will be able to apply effective college test-preparation and test-taking strategies.

| Title | Tags |
| --- | --- |
| Memory | 206348, 1 |

**Learning Outcome**

Students will be able to apply intentional memorization strategies.

| Title | Tags |
| --- | --- |
| Reading | 206362, 2 |

**Learning Outcome**

Students will demonstrate the application of effective college reading strategies.

| Title | Tags |
| --- | --- |
| Time Management | 206392, 0 |

**Learning Outcome**

Students will be able to apply

Students will be able to apply individualized time management strategies to their coursework and other activities.

## STDEV 117 - Career Exploration

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
117

**Teaching Area**
STDEV

**Course Title**
Career Exploration

**Course Description**
Applying theories of individual, academic, and career development to the university student. Exploring university opportunities and college majors; graduation planning.

**Department**
Student Development

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Resources

**Tags**
206200, 3

**Learning Outcome**
Display an awareness of and ability to access educational and career information resources.

**Title**
Personal Awareness

**Tags**
206207, 1

**Learning Outcome**

## STDEV 120 - International Student Orientation

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
120

**Teaching Area**
STDEV

**Course Title**
International Student Orientation

**Course Description**
Understanding the American education system, the unique religious and academic cultures at BYU, and government regulations of F-1 visa status.

**Department**
Student Development

**When Taught**
Fall Term 1; Winter Term 1.

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Note**
For international students.

**Title**
Awareness of services

**Tags**
207973, 1

**Learning Outcome**
1. Students will become familiar with the staff of International Student and Scholar Services and the services provided.

**Title**
Academic resources

**Tags**
207974, 2

Learning Outcome
Develop greater awareness of personal qualities, interests, skills, and values that play a role in career-decision making.

| Title | Tags |
| --- | --- |
| Increased Confidence | 206247, 2 |

Learning Outcome
Demonstrate increased confidence and ability to make decisions as well as progress towards making career decisions.

| Title | Tags |
| --- | --- |
| Knowledge of Career Choices | 206383, 0 |

Learning Outcome
Increase knowledge of college majors, career options, and additional world-of-work factors that influence career choice.

Learning Outcome
2. Students will become familiar with the academic resources and support services available on campus.

| Title | Tags |
| --- | --- |
| Visa regulations | 207975, 3 |

Learning Outcome
3. Students will understand their responsibility regarding the visa regulations required to maintain F-1 status in the United States.

| Title | Tags |
| --- | --- |
| Cultural appreciation | 207976, 4 |

Learning Outcome
4. Students will gain a greater understanding of the US culture and express an appreciation for their own culture.

| Title | Tags |
| --- | --- |
| Social integration | 207977, 5 |

Learning Outcome
5. Students will feel more integrated into the BYU community.

## STDEV 132 - Introduction to Peer Education (Tutoring, mentoring etc.).

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 132 |

**Teaching Area**
STDEV
**Course Title**
Introduction to Peer Education (Tutoring, mentoring etc.).
**Course Description**
Developing college-level peer educating skills; academic success and the tutoring cycle. Leads to level-one peer education certification of the College Reading and Learning Association.
**Department**
Student Development
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**

## STDEV 133 - Advanced Peer Education (tutoring, mentoring etc.).

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 133 |

**Teaching Area**
STDEV
**Course Title**
Advanced Peer Education (tutoring, mentoring etc.).
**Course Description**
Developing advanced-level peer-educating approaches and analytical thinking. Leads to level-two peer education certification of the College Reading and Learning Association.
**Department**
Student Development
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Knowledge | 214472, 0, 1, 2023-08-29 12:42:03 |

Learning Outcome
Students will understand the goals, roles, and best practices of peer education, which includes being a peer mentor, tutor, teaching assistant, etc.

| Title | Tags |
| --- | --- |
| Performance | 214473, 0, 2, 2023-08-29 12:42:06 |

Learning Outcome
Students will achieve CRLA level proficiency in peer education.

| Title | Tags |
| --- | --- |
| Affective | 214474, 0, 3, 2023-08-29 12:42:07 |

Learning Outcome
Students will appreciate the value of peer education.

## STDEV 140 - Life Planning and Decision Making

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 140 |

Teaching Area
STDEV
Course Title
Life Planning and Decision Making
Course Description
Individual development in life planning and decision making, emphasizing personal maturity, goal setting, and decision making abilities in areas of common concern to young adults.
Department
Student Development

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Knowledge | 214475, 0, 1, 2023-08-29 12:42:10 |

Learning Outcome
Students will understand advanced Peer Educator skills. These include mentoring, tutoring, being a teaching assistant, etc.

| Title | Tags |
| --- | --- |
| Performance | 214476, 0, 2, 2023-08-29 12:42:12 |

Learning Outcome
Students will achieve CRLA advanced-level proficiency in peer education.

| Title | Tags |
| --- | --- |
| Affective | 214477, 0, 3, 2023-08-29 12:42:13 |

Learning Outcome
Students will appreciate the value of being a peer educator for specific groups.

## STDEV 141R - Individual Development

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 141R |

Teaching Area
STDEV
Course Title
Individual Development
Course Description
Applying theories of psychological development (including rational living, positive psychology, and dialectical behavior therapy) in a self-assessment approach to promoting self-awareness and psychological development.
Department
Student Development

When Taught
All Semesters/Terms

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Time Management | 206198, 4 |

Learning Outcome
Learn the principles of time management and how it applies to decision making and life planning.

| Title | Tags |
| --- | --- |
| Goal Setting | 206199, 3 |

Learning Outcome
Learn the components of goal setting and accomplishment and be able to set attainable goals for yourself.

| Title | Tags |
| --- | --- |
| Developmental Theories | 206340, 0 |

Learning Outcome
Understand developmental theories as they relate to young adult development, and evaluate your individual progress within the scope of these theories.

| Title | Tags |
| --- | --- |
| Decision Making | 206372, 1 |

Learning Outcome
Learn the main components of

When Taught
Fall and Winter

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Goals and Growth | 206277, 3 |

Learning Outcome
Set goals in each of the six areas, create a plan for implementing these goals, practice skills related to these goals and report on their progress.

| Title | Tags |
| --- | --- |
| Developmental Theory | 206339, 1 |

Learning Outcome
Understand developmental theories on predictable life challenges at different stages of life.

| Title | Tags |
| --- | --- |
| Achieving Balance | 206360, 0 |

Learning Outcome
Learn skills to achieve balance and competency in the developmental challenges facing college students and throughout the lifespan.

| Title | Tags |
| --- | --- |
| Personal Development | 206367, 2 |

Learning Outcome
Learn and practice skills and psychological theories related to six areas of personal development.

Learn the main components of decision making and come to a better understanding of your personal decision making style and ways in which you may want/need to adapt it to better suit your needs.

| Title | Tags |
| --- | --- |
| Personality Development | 206459, 2 |

**Learning Outcome**
Become familiar with basic concepts of personality development and be able to identify your individual personality strengths and challenges.

## STDEV 143 - The Science and Practice of Positive Living

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 143 |

**Teaching Area**
STDEV
**Course Title**
The Science and Practice of Positive Living
**Course Description**
Enhancing personal growth and mental health through the learning and application of research-backed activities. Developing personal strengths such as gratitude, savoring and mindfulness.
**Department**
Student Development
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

## STDEV 145 - Integrity for Life: Building Personal Character

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 145 |

**Teaching Area**
STDEV
**Course Title**
Integrity for Life: Building Personal Character
**Course Description**
Exploring integrity in depth, examining highly effective practices, creating a personal vision and plan for developing character intentionally.
**Department**
Student Development
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Identify Values | 214659, 0, 2 |

**Learning Outcome**

Students will identify and develop values that guide their actions.

| Title | Tags |
| --- | --- |
| Alignment with Values | 214660, 0, 3 |

**Learning Outcome**

Students will analyze how their actions align with their values.

| Title | Tags |
| --- | --- |
| Disagreement | 214662, 0, 4 |

**Learning Outcome**

Students will learn to respectfully disagree with others while maintaining integrity.

| Title | Tags |
| --- | --- |
| Recognition | 214663, 0, 5 |

**Learning Outcome**

Students will recognize instances of integrity or lack thereof in the world around them.

| Title | Tags |
| --- | --- |
| Purpose of BYU | 214664, 0, 6 |

**Learning Outcome**

Students will know and understand the purpose of BYU and their commitments to the institution.

| Title | Tags |
| --- | --- |
| Integrity and Honesty | 214658, 0, 1 |

**Learning Outcome**

Students will commit to live a life of integrity and to be honest in everything they do.

## STDEV 150 - Public Speaking

**Course Information**

## STDEV 155 - Authentic Leadership and Personal Effectiveness

## Course Information

**Teaching Area (new)**
STDEV

**Course Number**
150

**Teaching Area**
STDEV

**Course Title**
Public Speaking

**Course Description**
Principles and methods of public speaking; speaking experiences.

**Department**
Student Development

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Effective Visual Aids

**Tags**
188908, 1

**Learning Outcome**
Be able to produce and employ effective visual aids in your presentations.

**Title**
Extemporaneous Public Speeches

**Tags**
189031, 2

**Learning Outcome**
Construct and deliver effective extemporaneous public speeches.

**Title**
Speech Anxiety and Nonverbal Communication

**Tags**
189035, 3

**Learning Outcome**
Manage speech anxiety and effective use nonverbal

## Course Information

**Teaching Area (new)**
STDEV

**Course Number**
155

**Teaching Area**
STDEV

**Course Title**
Authentic Leadership and Personal Effectiveness

**Course Description**
Developing personal character and skills necessary to become an effective and authentic leader.

**Department**
Student Development

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
3

effective use nonverbal communication to inform, persuade, enlighten, and impact your audience.

**Title**
Analytical Listening and Observation

**Tags**
189060, 4

**Learning Outcome**
Develop analytical, listening, and observation skills.

**Title**
Speaking to the Audience

**Tags**
189109, 1

**Learning Outcome**
Know how to speak publicly so your audience will really listen and understand.

## STDEV 168R - Law Lecture Series

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
168R

**Teaching Area**
STDEV

**Course Title**
Law Lecture Series

**Course Description**
Exploring legal professions. Primary focus on guest lecturers representing various legal professions.

**Department**
Student Development

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

## STDEV 170 - Introduction to Health Professions

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
170

**Teaching Area**
STDEV

**Course Title**
Introduction to Health Professions

**Course Description**
Overview of health professions: medical, dental, and other specialties. Primary focus on guest lectures from various practitioners and clinicians.

**Department**
Student Development

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

Title
1. Understanding a legal education and career

Tags
206230, 0

Learning Outcome
Students will have a better understanding of what a legal education and career requires and provides.

Title
2. Law as a Career Choice

Tags
206396, 0, 1

Learning Outcome
Students will be better able to assess whether or not a legal career is the correct choice for them.

Fixed
0

Title
Understanding of health professions

Tags
207987, 0

Learning Outcome
1. Students will gain a basic understanding of a significant number of health professions.

Title
Professional Requirements

Tags
207988, 3

Learning Outcome
2. Students will increase awareness of the requirements to enter various health professions and where to find additional information about their preferred health care field.

## STDEV 199R - Academic Internship

### Course Information

Teaching Area (new)
STDEV

Course Number
199R

Teaching Area
STDEV

Course Title
Academic Internship

Course Description
Work experience evaluated by supervisor and faculty mentor and posted on transcript.

Department
Student Development

When Taught
All Semesters/Terms

### Credit Hours

Min
0.5

Fixed
3

### Lecture Hours

Fixed
0

### Lab Hours

## STDEV 205 - Success in College Reading

### Course Information

Teaching Area (new)
STDEV

Course Number
205

Teaching Area
STDEV

Course Title
Success in College Reading

Course Description
Learning and practicing introductory strategies for improved college-level reading.

Department
Student Development

When Taught
Fall and Winter

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Other Prerequisites
Department internship coordinator's consent
Note
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Understanding the Legal Profession | 206221, 0 |

Learning Outcome
Students will have a better understanding of what a legal education and career requires and provides.

| Title | Tags |
| --- | --- |
| Deciding about Law | 206282, 1 |

Learning Outcome
Students will be able to accurately assess whether or not a legal education and career is the correct choice for them.

| Title | Tags |
| --- | --- |
| Career Choice | 206215, 0, 1, 2022-11-16 05:42:42 |

Learning Outcome
Students will be able to better determine major and/or career paths based on hands-on experiences in the internship provider workplace setting.

Fixed
0

| Title | Tags |
| --- | --- |
| Application of Strategies | 207992, 2 |

Learning Outcome
2. Students will be able to select, adapt, and practice the reading strategies that make the greatest contribution to understanding, learning and reasoning from that particular text and situation.

| Title | Tags |
| --- | --- |
| Increased Speed and Comprehension | 207993, 3 |

Learning Outcome
3. Students will demonstrate improvement from their baseline reading speed and comprehension rates.

| Title | Tags |
| --- | --- |
| Increased Confidence | 207994, 4 |

Learning Outcome
4. Students will increase their confidence in being able to read any academic text with engagement and understanding.

| Title | Tags |
| --- | --- |
| Understanding of Strategies | 207995, 1 |

Learning Outcome
1. Students will understand and be able to explain each strategy, why it is important, how to do it, and when or under what conditions to apply it.

| Title | Tags |
| --- | --- |
| Increased Speed Device | 207996, 5 |

Learning Outcome
5. Students will understand how to use a 'speeding up' device to increase their personal reading speed with comprehension.

## STDEV 214R - Special Topics in Student Development

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
214R

**Teaching Area**
STDEV

**Course Title**
Special Topics in Student Development

**Course Description**
Survey or introductory courses on various student development topics related to academic skills, career exploration and development, or mental health.

**Department**
Student Development

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

**Note**
For more information about each special topics section, visit sds.byu.edu/helpful-classes.

## STDEV 247 - Performance Psychology

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
247

**Teaching Area**
STDEV

**Course Title**
Performance Psychology

**Course Description**
Learning psychological barriers to peak performance. Developing effective techniques and routines to enhance performance.

**Department**
Student Development

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

## STDEV 255 - Team Leadership

### Course Information

**Teaching Area (new)**
STDEV
**Course Number**
255
**Teaching Area**
STDEV
**Course Title**
Team Leadership
**Course Description**
Developing team leadership skills necessary to navigate group processes.
**Department**
Student Development
**When Taught**
Winter

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
3

## STDEV 256 - Leadership and Management Skills

### Course Information

**Teaching Area (new)**
STDEV
**Course Number**
256
**Teaching Area**
STDEV
**Course Title**
Leadership and Management Skills
**Course Description**
Learning the basic tools of effective leadership and management; applying fundamental supervisory and management principles.
**Department**
Student Development
**When Taught**
Winter

#### Credit Hours

**Min**
1
**Fixed**
1

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

## STDEV 260 - Constitutional Research

### Course Information

**Teaching Area (new)**
STDEV
**Course Number**
260
**Teaching Area**
STDEV
**Course Title**
Constitutional Research
**Course Description**
The United States Constitution; research on original sources used to create the Constitution.
**Department**
Student Development
**When Taught**
Fall and Winter

#### Credit Hours

**Min**

## STDEV 261 - The Law in Literature

### Course Information

**Teaching Area (new)**
STDEV
**Course Number**
261
**Teaching Area**
STDEV
**Course Title**
The Law in Literature
**Course Description**
Examining how the law--including the justice system, attorneys, judges, and clients--has been portrayed in literary works.
**Department**
Student Development
**When Taught**
Winter

#### Credit Hours

**Min**

1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Current Issues | 206224, 1 |

**Learning Outcome**
Understand the current issues surrounding Constitutional articles and amendments.

| Title | Tags |
| --- | --- |
| Skill Development | 206257, 2 |

**Learning Outcome**
Improve their editing and research skills.

| Title | Tags |
| --- | --- |
| Analytic Skills | 206398, 0 |

**Learning Outcome**
Know and develop interpretation and analytic skills regarding the 7 articles and 27 amendments to the Constitution.

2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Law as a Career | 206223, 1 |

**Learning Outcome**
Be able to more accurately assess whether or not a legal education and career is the correct choice for them.

| Title | Tags |
| --- | --- |
| Analysis of Media | 206225, 2 |

**Learning Outcome**
Be able to critically analyze portrayals of law in literature and other media forms to assess for accuracy.

| Title | Tags |
| --- | --- |
| Legal Education | 206416, 0 |

**Learning Outcome**
Have a better understanding of what a legal education and career requires and provides.

## STDEV 268R - Prelaw Leadership

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 268R |

**Teaching Area**
STDEV
**Course Title**
Prelaw Leadership
**Course Description**
Leadership skills and strategies for members of the PLSA Board. Successful planning, implementation, and execution of prelaw activities.
**Department**

## STDEV 271 - Preview of Dentistry

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 271 |

**Teaching Area**
STDEV
**Course Title**
Preview of Dentistry
**Course Description**
Preview of dentistry with lectures by dentists; overview of required courses; application process; recommended extracurricular opportunities.
**Department**

.
Student Development
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Leadership

**Tags**
206272, 2

**Learning Outcome**
Learn how to effectively plan, implement, and carry-out effective academic activities for large groups of undergraduate students.

**Title**
Legal Education and Career

**Tags**
206280, 0

**Learning Outcome**
Understand what a legal education and career requires and provides.

**Title**
Choosing a Legal Career

**Tags**
206394, 1

**Learning Outcome**
Assess whether or not a legal education and career is the correct choice for them.

**Title**
Legal Education

**Tags**
206195, 1

**Learning Outcome**
Understand what a legal education and career requires and provides.

.
Student Development
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Application Process

**Tags**
206273, 2

**Learning Outcome**
Students will understand the application process for dental school and analyze their individual preparation for this process.

**Title**
Increase Understanding of the Profession

**Tags**
206399, 2

**Learning Outcome**
Students will increase their understanding of the dental profession.

| Title | Tags |
| --- | --- |
| Career Choice | 206261, 1 |

**Learning Outcome**
Assess whether or not a legal education and career is the correct choice for them.

| Title | Tags |
| --- | --- |
| Leadership | 206414, 2 |

**Learning Outcome**
Learn how to effectively plan, implement, and carry-out effective academic activities for large groups of undergraduate students.

## STDEV 272 - Preview of Medicine

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
272

**Teaching Area**
STDEV

**Course Title**
Preview of Medicine

**Course Description**
Preview of medical practice with lectures by doctors; overview of required courses; application process; recommended extracurricular opportunities.

**Department**
Student Development

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Application for Medical School

**Tags**
206332, 0

**Learning Outcome**
Understand the application process for medical school and analyze their individual preparation for this process.

**Title**
Understanding of the Profession

**Tags**
207909, 1

**Learning Outcome**
Increase their understanding of the medical profession.

## STDEV 273 - Preview of Optometry

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
273

**Teaching Area**
STDEV

**Course Title**
Preview of Optometry

**Course Description**
Preview of optometry with lectures by optometrists; overview of required courses; application process; recommended extracurricular opportunities.

**Department**
Student Development

**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Title**
Preparation for Optometry School

**Tags**
206233, 1

**Learning Outcome**
Students will understand the application process for optometry school and analyze their individual preparation for this process.

**Title**
Increase Understanding of the Profession

**Tags**
206293, 0

**Learning Outcome**
Students will increase understanding of the optometry profession.

## STDEV 274 - Preview of Physician Assistant

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
274

**Teaching Area**
STDEV

**Course Title**
Preview of Physician Assistant

**Course Description**
Preview of the physician assistant profession and PA school application process. Guest presentations by practicing PAs, PA school representatives, and pre-health advisors.

**Department**
Student Development

**When Taught**
Winter

**Credit Hours**

**Min**
1

**Fixed**
1

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
0

**Recommended**
St Dev 170

## STDEV 278R - Pre-Health Leadership

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
278R

**Teaching Area**
STDEV

**Course Title**
Pre-Health Leadership

**Course Description**
Leadership skills and strategies for leaders of pre-health clubs. Successful planning, implementation, and execution of pre-health club activities.

**Department**
Student Development

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
1

**Fixed**
1

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
0

## STDEV 290 - Learning Through Service: Theory and Application of Service

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
290

**Teaching Area**
STDEV

**Course Title**
Learning Through Service: Theory and Application of Service

**Course Description**
Theories, applications, methods, and approaches to service.

**Department**
Student Development

**When Taught**
Contact Department

**Credit Hours**

## STDEV 305 - Advanced Reading Strategies for College Success

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
305

**Teaching Area**
STDEV

**Course Title**
Advanced Reading Strategies for College Success

**Course Description**
Developing improved speed and comprehension skills through selection and practice of college reading strategies.

**Department**
Student Development

**When Taught**
Fall and Winter

Credit Hours

Min
1

Fixed
1

## Lecture Hours

Fixed
1

## Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Roles | 206220, 3 |

Learning Outcome
Explore their roles as citizens and potential service opportunities and responsibilities related to family, civic, career, and church life.

| Title | Tags |
| --- | --- |
| Theory | 206232, 1 |

Learning Outcome
Learn and apply service and learning theories in their personal service interactions.

| Title | Tags |
| --- | --- |
| Identity | 206249, 2 |

Learning Outcome
Facilitate students' service "identity," and aspirations for meaningful future service.

| Title | Tags |
| --- | --- |
| Competence | 206409, 4 |

Learning Outcome
Enhance students' ability to gain related competence, skill, and understanding by reflecting on their service. Action-reflection tools and concepts will be modeled in the course to encourage students to make intentional learning connections with their personal values, beliefs, academic interests, individual skills, etc, and their

## Credit Hours

Min
2

Fixed
2

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Knowledge | 206194, 1 |

Learning Outcome
Describe the reading principles and strategies appropriate for various text types and reading purposes. Explain what the strategy is, why it is important, how to do it, and when or under what conditions to apply it. Explain what reading is, especially academic reading.

| Title | Tags |
| --- | --- |
| Action | 206205, 1 |

Learning Outcome
Select, adapt, and practice the reading strategies that make the greatest contribution to students' understanding, learning and reasoning from their university texts.

| Title | Tags |
| --- | --- |
| Progress | 206269, 2 |

Learning Outcome
Demonstrate improvement from their baseline reading speed and comprehension rates.

| Title | Tags |
| --- | --- |
| Confidence | 206289, 3 |

Learning Outcome
Increase their confidence in being able to read any academic text with engagement and

service contributions.

| Title | Tags |
| --- | --- |
| Motivation | 206413, 1 |

**Learning Outcome**
Assess personal motivations and capacities for service.

understanding. Decrease stress and procrastination related to reading.

| Title | Tags |
| --- | --- |
| Knowledge | 206310, 0 |

**Learning Outcome**
Describe the reading principles and strategies appropriate for various text types and reading purposes. Explain what the strategy is, why it is important, how to do it, and when or under what conditions to apply it. Explain what reading is, especially academic reading.

| Title | Tags |
| --- | --- |
| Progress | 206330, 2 |

**Learning Outcome**
Demonstrate improvement from their baseline reading speed and comprehension rates.

| Title | Tags |
| --- | --- |
| Affect | 206412, 3 |

**Learning Outcome**
Increase their confidence in being able to read any academic text with engagement and understanding. Decrease stress and procrastination related to reading.

| Title | Tags |
| --- | --- |
| Action | 206419, 1 |

**Learning Outcome**
Select, adapt, and practice the reading strategies that make the greatest contribution to students' understanding, learning and reasoning from their university texts.

## STDEV 317 - Job and Internship Search Strategies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 317 |

Teaching Area

## STDEV 318 - Graduate School Preparation: Practical Strategies for Becoming a More Competitive Applicant

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 318 |

STDEV
**Course Title**
Job and Internship Search Strategies
**Course Description**
Preparing for employment and internship opportunities. Practical strategies to facilitate internship and/or career preparation: resumes, cover letters, networking, interviewing, and Internet research.
**Department**
Student Development
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

STDEV 318
**Teaching Area**
STDEV
**Course Title**
Graduate School Preparation: Practical Strategies for Becoming a More Competitive Applicant
**Course Description**
Preparing students to craft competitive graduate school application documents. Pragmatic strategies to facilitate preparation and understanding of references, graduate program research, personal statements, scholarships and financial aid, entrance exams, resumes and interviewing.
**Department**
Student Development
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Note**
Graduate School Preparation: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu

| Title | Tags |
| --- | --- |
| Critical Thinking | 206352, 0, 0 |

**Learning Outcome**
Students will identify graduate school programs that match their career goals.

| Title | Tags |
| --- | --- |
| Oral and Written Communication | 206337, 0, 1 |

**Learning Outcome**
Students will effectively present themselves as graduate school candidates through personal branding articulated in professional documents and interactions.

| Title | Tags |
| --- | --- |
| Technology | 206316, 0, 2 |

**Learning Outcome**
Students will utilize technology to obtain information on graduate school programs and to create professional relationships.

| Title | Tags |
| --- | --- |
| Professionalism | 206378, 0, 3 |

**Learning Outcome**
Students will connect with graduate schools through interviews, events, and technology to build and maintain relationships.

## STDEV 319 - Professional Etiquette

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
319

**Teaching Area**
STDEV

**Course Title**
Professional Etiquette

**Course Description**
Social norms and behavioral expectations of professional settings; Professional etiquette including interviewing and entertaining.

**Department**
Student Development

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
None.

**Recommended**
None

## STDEV 355 - Leading Change

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
355

**Teaching Area**
STDEV

**Course Title**
Leading Change

**Course Description**
Effecting change in others and organizations.

**Department**
Student Development

**When Taught**
Fall

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- STDEV 155 - Authentic Leadership and Personal Effectiveness

Prerequisites

**Complete ALL of the following Courses:**
- STDEV 255 - Team Leadership

**Additional Comments:**

## STDEV 358R - Student Leadership Development

## STDEV 359 - Conflict Resolution

## Development

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
358R

**Teaching Area**
STDEV

**Course Title**
Student Leadership Development

**Course Description**
Analysis, synthesis, and integration of personal leadership experienced in an academic context. Successful leadership: decision making, communications, planning, team building, motivation, and interpersonal skills.

**Department**
Student Development

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Other Prerequisites**
Instructor's consent

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
359

**Teaching Area**
STDEV

**Course Title**
Conflict Resolution

**Course Description**
Learn how to resolve conflict more effectively and build peace on the interpersonal, national, and international levels. Includes gospel perspectives and practical strategies and theories on negotiation and peace building, and explores conflict in politics, gender, and race.

**Department**
Student Development

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
LDS Concepts on Conflict Resolution

**Tags**
206209, 3

**Learning Outcome**

Describe the primary principles of conflict resolution taught by Christ and leaders of the LDS Church and how those principles strengthen our ability to have a responsive way of being.

**Title**
Nature of Conflict

**Tags**
206213, 1

**Learning Outcome**

Describe the nature of conflict in human interactions and how way of being is more important than behavior in influencing relationships and determining outcomes of conflict.

| Title | Tags |
| --- | --- |
| Dialoguing Skills | 206222, 4 |

**Learning Outcome**

Explain the difference between dialoguing and debating and apply the key skills for dialoguing.

| Title | Tags |
| --- | --- |
| Negotiation Strategies | 206239, 5 |

**Learning Outcome**

Describe basic negotiation strategies and practice negotiating in role-play scenarios.

| Title | Tags |
| --- | --- |
| Dispute Resolution Methods | 206404, 0 |

**Learning Outcome**

Recognize the different dispute resolution methods and conflict styles most commonly practiced in society and their advantages and disadvantages.

| Title | Tags |
| --- | --- |
| Way of Being | 206410, 2 |

**Learning Outcome**

Apply the concepts about way of being and how to make things go right in relationships through specific homework assignments.

## STDEV 364 - Mediation Techniques and Practices

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
364

**Teaching Area**
STDEV

**Course Title**
Mediation Techniques and Practices

**Course Description**
Mediation helps people more effectively resolve disputes. Build mediation skills; develop a greater capacity to communicate, empathize, and reduce conflict.

## STDEV 365 - Legal Education and Practice

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
365

**Teaching Area**
STDEV

**Course Title**
Legal Education and Practice

**Course Description**
Successful legal education and practice. Preparation for those planning to attend law school.

**Department**
Student Development

**When Taught**

**Department**
Student Development
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Rules and Ethics | 206265, 5 |

**Learning Outcome**
Understand the basic rules of behavior for the parties in a mediation session and the common ethical practices of mediators.

| Title | Tags |
| --- | --- |
| Mediation Process | 206297, 1 |

**Learning Outcome**
Know and apply the phases of the basic mediation process.

| Title | Tags |
| --- | --- |
| Preparation | 206311, 1 |

**Learning Outcome**
Know how to prepare for a mediation session and be able to present the essential elements of a mediator's opening statement.

| Title | Tags |
| --- | --- |
| Identify Issues | 206366, 2 |

**Learning Outcome**
Be able to identify issues and interests of the parties and set an agenda for the mediation session.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Assimilation | 206210, 4 |

**Learning Outcome**
Students will practice assimilating all legal research into a deliverable final product (memo/brief)

| Title | Tags |
| --- | --- |
| Legal Research | 206244, 2 |

**Learning Outcome**
Students will understand the major secondary sources used in legal research.

| Title | Tags |
| --- | --- |
| Legal Cases | 206286, 1 |

**Learning Outcome**
Students will be able to read, understand, and brief a legal case.

| Title | Tags |
| --- | --- |
| Communication | 206290, 3 |

**Learning Outcome**
Students will learn how to effectively communicate with others (focusing on legal aspects)

| Title | Tags |
| --- | --- |
| Law School Examination | 206353, 1 |

| Title | Tags |
| --- | --- |
| Closing the Session | 206385, 4 |

**Learning Outcome**
Be able to assist the parties in building and writing an agreement and to properly close the mediation session.

| Title | Tags |
| --- | --- |
| Performance | 206423, 3 |

**Learning Outcome**
Be able to skillfully conduct a mediation conference with joint and private meetings, allowing the disputing parties uninterrupted time for expressing viewpoints and interactive time to effectively exchange information, arguments, and offers of settlement.

**Learning Outcome**
Students will be able to effectively study and prepare for a law school final examination.

## STDEV 368R - Prelaw Review Journal Writing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 368R |

**Teaching Area**
STDEV
**Course Title**
Prelaw Review Journal Writing
**Course Description**
Editing and publication for Pre-law Review authors and editors.
**Department**
Student Development
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

## STDEV 375 - Dental School Preparation Laboratory Experience

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STDEV | 375 |

**Teaching Area**
STDEV
**Course Title**
Dental School Preparation Laboratory Experience
**Course Description**
Dental laboratory practices; tooth terminology, morphology, and anatomy. Procedures including oral pathology, diagnosis, and X-rays.
**Department**
Student Development
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
0

**Lab Hours**

Fixed
0

Title
Pre-Law Review

Tags
206266, 0

Learning Outcome
Understand the procedure for publishing the Prelaw Review.

Title
Citation Guide

Tags
206270, 1

Learning Outcome
Know how to use the Bluebook citation style guide.

Title
Writing Skills

Tags
206284, 2

Learning Outcome
Improve essential legal writing skills.

Title
Relationships

Tags
206411, 3

Learning Outcome
Work effectively in writing and editing relationships.

Tags
206255, 1

Learning Outcome
2. Know how to use the Bluebook citation style guide.

Tags
206317, 2

Learning Outcome
3. Improve essential legal writing skills.

Tags
206338, 3

Learning Outcome
4. Work effectively in writing and editing relationships.

Tags
206370, 0

Learning Outcome
1. Understand the procedure for publishing the Prelaw Review.

## STDEV 399R - Health Professions Internship

**Lab Hours**

Fixed
2

Title
2. Dental terminology and current issues

Tags
206241, 2

Learning Outcome
Students will learn basic dental terminology and current issues in dentistry to better prepare them for the dental school interviewing process.

Title
1. General knowledge of dentistry

Tags
206359, 1

Learning Outcome
Students will gain a basic understanding of dental sciences in preparation for their first semesters of dental school.

Title
3. Manual dexterity

Tags
206401, 3

Learning Outcome
Students will develop manual dexterity for skills that are required to perform dentistry.

## STDEV 399R - Advanced EMS Internship

## Course Information

**Teaching Area (new)**
STDEV

**Course Number**
399R

**Teaching Area**
STDEV

**Course Title**
Health Professions Internship

**Course Description**
Internships with health care providers or service delivery experience.

**Department**
Student Development

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Note**
An approved Internship Application is required before adding.

**Title**
Research Different Healthcare Practices

**Tags**
206294, 2

**Learning Outcome**
Students will learn about different healthcare practices.

**Title**
Develop Professional Relationships

**Tags**
206343, 3

**Learning Outcome**
Students will develop meaningful professional relationships with their internship providers.

**Title**
Improve Ability to Communicate in a Professional Setting

**Tags**
206350, 1

**Learning Outcome**
Students will improve their ability to converse with health care professionals.

**Title**
Gain Experience Through Shadowing Professionals

**Tags**
206361, 0

**Learning Outcome**
Students will gain valuable experience by shadowing and working with current health professionals.

## Course Information

**Teaching Area (new)**
STDEV

**Course Number**
399R

**Teaching Area**
STDEV

**Course Title**
Advanced EMS Internship

**Course Description**
Internship for advanced students in the on-campus emergency medical services (EMS) program.

**Department**
Student Development

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Note**
An APPROVED Internship Application is required before adding.

## STDEV 399R - Student Leadership Internship

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
399R

**Teaching Area**
STDEV

**Course Title**
Student Leadership Internship

**Course Description**
Coaching and training, both experiential and formal, in the following: volunteer recruitment, mentorship, motivation, and rentention; budget and project management; navigation of administrative environment; public relations and advertising, other aspects of non-profit, volunteer leadership.

**Department**
Student Development

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
5

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
4

**Note**
An APPROVED Internship Application is required before adding.

## STDEV 455 - Leadership Capstone

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
455

**Teaching Area**
STDEV

**Course Title**
Leadership Capstone

**Course Description**
Applying leadership principles to personalized capstone project.

**Department**
Student Development

**When Taught**
Winter

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STDEV 355 - Leading Change

**Additional Comments:**

## STDEV 470 - Health Professions Application

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
470

**Teaching Area**
STDEV

## STDEV 490 - Bachelor of General Studies Capstone

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
490

**Course Title**
Health Professions Application
**Course Description**
Preparation for health professional school applications including medicine, dentistry, physical therapy, physician assistant, etc.; entire application process, including school identification and submission.
**Department**
Student Development
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Writing Skills | 206248, 2 |

**Learning Outcome**
Improve writing skills, particularly in respect to the personal statement.

| Title | Tags |
|---|---|
| Interviewing Skills | 206271, 3 |

**Learning Outcome**
Improve interviewing skills.

| Title | Tags |
|---|---|
| Preparation | 206299, 1 |

**Learning Outcome**
Assess their individual preparation for the professional school application process.

| Title | Tags |
|---|---|
| Application Process | 206420, 0 |

**Learning Outcome**
Increase understanding of the medical/dental school application process. They will

**Teaching Area**
STDEV
**Course Title**
Bachelor of General Studies Capstone
**Course Description**
Culminating course required for bachelor of general studies degree: analyze and evaluate BGS experience in light of the "Aims of a BYU Education" and summarize this experience in a reflective paper, integrate material learned in emphasis by completing a scholarly essay, and demonstrate accomplishment of learning outcomes.
**Department**
Student Development
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STDEV 100 - Essential College Skills

**Additional Comments:**

**Other Prerequisites**
completion of all other BGS program requirements

application process. They will understand the various components of the application process and how to access resources to facilitate their professional school application.

## STDEV 496R - Advanced Legal Internship

### Course Information

**Teaching Area (new)**
STDEV

**Course Number**
496R

**Teaching Area**
STDEV

**Course Title**
Advanced Legal Internship

**Course Description**
Legal research; courtroom observation; client and attorney interaction; and reflection exercises.

**Department**
Student Development

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Legal internship coordinator's consent

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Comfort

**Tags**
206214, 2

**Learning Outcome**
Increase comfort interacting with legal professionals.

**Title**
Legal Education

**Tags**
206243, 1

**Learning Outcome**
Understand what a legal education and career requires and provides.

## STRAT 325 - Introduction to Management Consulting

### Course Information

**Teaching Area (new)**
STRAT

**Course Number**
325

**Teaching Area**
STRAT

**Course Title**
Introduction to Management Consulting

**Course Description**
Work on consulting teams and apply structured problem-solving techniques to management consulting class projects.

**Department**
Management

**When Taught**
Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Career Choice | 206379, 1 |

Learning Outcome
Accurately assess whether or not a legal education and career is the correct choice for them.

## STRAT 326 - Career Development and Student Mentoring

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STRAT | 326 |

Teaching Area
STRAT
Course Title
Career Development and Student Mentoring
Course Description
Introduction to the resources, services, and opportunities for career development available to business management majors. Specific projects include developing a career plan, refining interviewing and networking skills, and interacting individually with a mentor well-established in a directly relevant career.
Department
Management
When Taught
Fall

#### Credit Hours

Min
1
Fixed
1

#### Lecture Hours

Fixed
1

#### Lab Hours

Fixed
0

Other Prerequisites
For Strategic Management majors only.

## STRAT 392 - Strategy and Economics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STRAT | 392 |

Teaching Area
STRAT
Course Title
Strategy and Economics
Course Description
Concepts and tools of strategic management, with an emphasis on the economic tools influencing the success of strategy in the development of sustainable competitive advantage.
Department
Management
When Taught
All Semesters/Terms

#### Credit Hours

Min
3
Fixed
3

#### Lecture Hours

Fixed
3

#### Lab Hours

Fixed
0

Other Prerequisites
For Marriott School majors only. (Not for Strategic Management majors or minors.)

| Title | Tags |
| --- | --- |
| Economic Analysis | 176191, 0 |

Learning Outcome
Acquire skill in applying the tools of economic analysis to management problems

| Title | Tags |
| --- | --- |
| Team Skills | 176246, 0 |

| Team Skills | 176246, 0 |
|---|---|

**Learning Outcome**

Participate in group discussions and projects skillfully.
Exercise responsibility in a collaborative mode.

| Title | Tags |
|---|---|
| Competive Environments | 176247, 0 |

**Learning Outcome**
Understand competitive environments, rivalry, cost, entry, and demand & supply.

| Title | Tags |
|---|---|
| Strategic Reasoning | 176248, 0 |

**Learning Outcome**
Reason strategically.

## STRAT 401 - Strategy 1

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| STRAT | 401 |

**Teaching Area**
STRAT
**Course Title**
Strategy 1
**Course Description**
Structured problem solving, strategic thinking, and basic strategy concepts to prepare students to analyze and understand the sources of competitive advantage and superior firm performance.
**Department**
Management
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## STRAT 402 - Strategy Analytics 1

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| STRAT | 402 |

**Teaching Area**
STRAT
**Course Title**
Strategy Analytics 1
**Course Description**
Concepts and tools of economic and quantitative analysis as they relate to the development and success of strategy.
**Department**
Management
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

Fixed
0

Other Prerequisites
Strategic Management majors or minors only.

| Title | Tags |
| --- | --- |
| Effective Communication | 176036, 5 |

Learning Outcome
Communicate effectively, both orally and in writing, concerning strategy concepts, models, and analyses.

| Title | Tags |
| --- | --- |
| Analyzation and Strategy Formulation | 176075, 2 |

Learning Outcome
Critically analyze the external and internal environments of a business organization and formulate appropriate strategies.

| Title | Tags |
| --- | --- |
| Major Elements of Strategy | 176086, 0 |

Learning Outcome
Recall, explain, and give examples of the major elements of strategy and the drivers of competitive advantage.

| Title | Tags |
| --- | --- |
| Applying Analytical Models | 176116, 1 |

Learning Outcome
Apply analytical models to complex business situations and generate strategic recommendations.

| Title | Tags |
| --- | --- |
| Problem Solving Skills | 176249, 3 |

Learning Outcome
Use problem-solving skills to develop hypotheses about the effect of data analysis on strategic decisions.

| Title | Tags |
| --- | --- |
| Team Skills | 176250, 4 |

Learning Outcome
Use team skills to actively participate in group projects and to assume and exercise

Fixed
0

Other Prerequisites
For Strategic Management majors and minors only.

| Title | Tags |
| --- | --- |
| Competitive Environments | 176352, 1 |

Learning Outcome
Understand competitive environments: demand, supply, rivalry, cost, and entry

| Title | Tags |
| --- | --- |
| Managerial Decision-making | 176353, 2 |

Learning Outcome
Understand how to use data analysis in managerial decision-making

| Title | Tags |
| --- | --- |
| Strategic Decisions | 176354, 3 |

Learning Outcome
Anticipate the likely outcomes of strategic decisions

| Title | Tags |
| --- | --- |
| Effective Collaboration | 176355, 4 |

Learning Outcome
Demonstrate effective collaboration skills in team discussions and projects

responsibility in a collaborative
mode.

## STRAT 411 - Strategy 2

### Course Information

**Teaching Area (new)**
STRAT

**Course Number**
411

**Teaching Area**
STRAT

**Course Title**
Strategy 2

**Course Description**
Advanced strategy topics such as growth and diversification strategy, pricing strategy, game theory and competitor analysis, strategy as real options, and strategic flexibility and commitment.

**Department**
Management

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STRAT 401 - Strategy 1

**Additional Comments:**

**Other Prerequisites**
For Strategic Management majors or minors only.

| Title | Tags |
|---|---|
| Strategic Knowledge | 176037, 2 |

**Learning Outcome**
Understand competitive

## STRAT 412 - Strategy Analytics 2

### Course Information

**Teaching Area (new)**
STRAT

**Course Number**
412

**Teaching Area**
STRAT

**Course Title**
Strategy Analytics 2

**Course Description**
Advanced concepts and tools of economic and quantitative analysis as they relate to the development and success of strategy. Including data gathering, data visualization, and data analysis.

**Department**
Management

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

Understand competitive, especially Schumpetterian and evolutionary, dynamics

| Title | Tags |
| --- | --- |
| Strategic Observation | 176110, 0 |

Learning Outcome
Appreciate the complexity, nuance, and differences across contexts in strategic situations

| Title | Tags |
| --- | --- |
| Strategic Analysis | 176137, 1 |

Learning Outcome
Develop creative analytical approaches to test hypotheses in strategic settings

| Title | Tags |
| --- | --- |
| Strategic Aptitude | 176193, 3 |

Learning Outcome
Develop effective strategy for firms through competent analysis and logic

| Title | Tags |
| --- | --- |
| Presentation Skill | 176251, 4 |

Learning Outcome
Develop "CEO-ready" strategy presentations and effectively express points of view on complex cases

| Title | Tags |
| --- | --- |
| Teamwork | 176252, 5 |

Learning Outcome
Participate collaboratively in teams

## STRAT 421 - Strategy Implementation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STRAT | 421 |

Teaching Area
STRAT
Course Title
Strategy Implementation
Course Description
Integrative course on strategy formulation and implementation

## STRAT 427 - Consulting Project Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STRAT | 427 |

Teaching Area
STRAT
Course Title
Consulting Project Management

integrative course on strategy formulation and implementation, including a field study. Topics include organizational alignment (structure and processes that fit the stragety), change management, and strategic leadership.

**Department**
Management

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- STRAT 401 - Strategy 1

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Synthesize a Holistic View. | 176253, 0 |

**Learning Outcome**
Combine the analytical output of several strategy tools and synthesize a holistic view of overall business problems

**Course Description**
Work as project leads for introduction to management consulting class projects.

**Department**
Management

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## STRAT 431 - Strategic Thinking 1

### Course Information

**Teaching Area (new)**
STRAT

**Course Number**
431

**Teaching Area**
STRAT

**Course Title**
Strategic Thinking 1

**Course Description**
An in-depth exploration of the nature of questions with a focus on developing critical thought and theoretical understanding.

**Department**
Management

**When Taught**
Fall

#### Credit Hours

**Min**
1.5

**Fixed**
1.5

#### Lecture Hours

**Fixed**
1.5

#### Lab Hours

**Fixed**
0

## STRAT 432 - Strategic Thinking 2

### Course Information

**Teaching Area (new)**
STRAT

**Course Number**
432

**Teaching Area**
STRAT

**Course Title**
Strategic Thinking 2

**Course Description**
An in-depth exploration of relationships in both personal and professional settings with a focus on developing the soft skills relevant to business managers.

**Department**
Management

**When Taught**
Winter

#### Credit Hours

**Min**
1.5

**Fixed**
1.5

#### Lecture Hours

**Fixed**
1.5

#### Lab Hours

**Fixed**
0

## STRAT 433 - Strategic Thinking 3

### Course Information

**Teaching Area (new)**
STRAT
**Course Number**
433
**Teaching Area**
STRAT
**Course Title**
Strategic Thinking 3
**Course Description**
An in-depth exploration of world issues relevant to business managers with a focus on developing a broader horizon for effective leadership.
**Department**
Management
**When Taught**
Fall

#### Credit Hours

**Min**
1
**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

## STRAT 435 - Introduction to Coding for Technology Managers and Entrepreneurs

### Course Information

**Teaching Area (new)**
STRAT
**Course Number**
435
**Teaching Area**
STRAT
**Course Title**
Introduction to Coding for Technology Managers and Entrepreneurs
**Course Description**
Hands-on course learning to build apps with a focus on giving future technology managers the context to understand how the products they manage are developed.
**Department**
Management
**When Taught**
Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

## STRAT 437R - Associate Product Management Lecture Series

### Course Information

**Course Number**
437R
**Teaching Area**
STRAT
**Course Title**
Associate Product Management Lecture Series
**Course Description**
Lectures and networking with product management professionals in a smaller setting to help students develop strategies to pursue careers in product management within a larger organization.
**Department**
Management
**When Taught**
Fall and Winter

## STRAT 475 - Associate Product Management Experience

### Course Information

**Course Number**
475
**Teaching Area**
STRAT
**Course Title**
Associate Product Management Experience
**Course Description**
Direct, practical, mentored, professional experience embedded in a product management team.
**Department**
Management
**When Taught**
Fall and Winter

### Credit Hours

Fixed
0.5

### Lecture Hours

Fixed
0.5

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Career readiness | 214478, 0, 1, 2023-08-29 12:43:18 |

Learning Outcome
Learn skills necessary to obtain employment in the product management field

| Title | Tags |
| --- | --- |
| Networking | 214479, 0, 2, 2023-08-29 12:43:19 |

Learning Outcome
Build ties with industry professionals and fellow students

## STRAT 477R - Associate Product Management Lab

### Credit Hours

Fixed
3

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
2

| Title | Tags |
| --- | --- |
| Communication Skills | 214480, 0, 1, 2023-08-29 12:43:20 |

Learning Outcome
Champion a product and communicate effectively with other units, partners, and employees.

| Title | Tags |
| --- | --- |
| Working in an interdisciplinary team | 214481, 0, 2, 2023-08-29 12:43:23 |

Learning Outcome
Demonstrate the ability to work effectively in an interdisciplinary team--working through the phases of product development

| Title | Tags |
| --- | --- |
| Opportunity identification | 214482, 0, 3, 2023-08-29 12:43:24 |

Learning Outcome
Identify product ideas and develop innovative solutions

| Title | Tags |
| --- | --- |
| Analyze | 214483, 0, 4, 2023-08-29 12:43:26 |

Learning Outcome
Determine product gaps, design solutions to fill the gaps, coordinate the build and design of products and determine product success

## STRAT 488 - Agribusiness Management 1

### Course Information

## Course Information

**Course Number**
477R
**Teaching Area**
STRAT
**Course Title**
Associate Product Management Lab
**Course Description**
Develop and strengthen product management skills through active product management team involvement.
**Department**
Management
**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
3

**Title**
Product management instruction

**Tags**
214484, 0, 1, 2023-08-29 12:43:31

**Learning Outcome**
Learning product management skills from direct involvement on a product management team.

## Course Information

**Teaching Area (new)**
STRAT

**Course Number**
488

**Teaching Area**
STRAT
**Course Title**
Agribusiness Management 1
**Course Description**
Concepts, tools, and approaches to understanding competitive forces and the development of sustainable competitive advantage for firms in the food, fiber, and horticulture industries.
**Department**
Management
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- ACC 200 - Principles of Accounting
  **AND** ECON 110 - Economic Principles and Problems
  **AND** FIN 201 - Principles of Finance

**Additional Comments:**

**Title**
Understand

**Tags**
176043, 0

**Learning Outcome**
Understand the concepts and models of strategic management presented in the course.

**Title**
Communicate

**Tags**
176052, 5

**Learning Outcome**
Persuasively communicate

analytical conclusions and recommendations in verbal and written form.

| Title | Tags |
| --- | --- |
| Develop | 176082, 2 |

**Learning Outcome**
Further develop the personal sense of ethics and integrity that guide decision making in business, community, church, and family relationships.

| Title | Tags |
| --- | --- |
| Apply | 176122, 4 |

**Learning Outcome**
Apply the models of strategic management presented in the course to arrive at recommendations that will help organizations achieve and sustain competitive advantage.

| Title | Tags |
| --- | --- |
| Analyze | 176174, 3 |

**Learning Outcome**
Analyze the competitive situation facing a firm using the models of strategic management presented in class.

| Title | Tags |
| --- | --- |
| Group Work | 176179, 6 |

**Learning Outcome**
Effectively participate in group work.

## STRAT 489 - Agribusiness Management 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STRAT | 489 |

**Teaching Area**
STRAT
**Course Title**
Agribusiness Management 2
**Course Description**
Developing and implementing marketing plans and programs for companies participating in the value chain of agribusiness industries.
**Department**
Management
**When Taught**

## STRAT 490R - Topics in Strategic Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STRAT | 490R |

**Teaching Area**
STRAT
**Course Title**
Topics in Strategic Management
**Course Description**
Focus on a major topic, issue, or analytical method used in the field of strategy. The specific topics covered will vary year to year.
**Department**
Management

Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- ACC 200 - Principles of Accounting
  **AND** ECON 110 - Economic Principles and Problems

Prerequisites

**Complete ALL of the following Courses:**

- ACC 200 - Principles of Accounting
  **AND** ECON 110 - Economic Principles and Problems
  **AND** FIN 201 - Principles of Finance

**Additional Comments:**

| Title | Tags |
|---|---|
| Targeting Markets | 176164, 1 |

**Learning Outcome**
Describe how life sciences firms (1) select target markets, (2) specify their marketing mix, and (3) attempt to attract and retain the right customers.

| Title | Tags |
|---|---|
| Understanding Tools of Marketing | 176254, 0 |

**Learning Outcome**
Understand the fundamental components and tools of

Management
**When Taught**
All Semesters/Terms

### Credit Hours

Min
0.5

Fixed
3

### Lab Hours

Fixed
0

**Other Prerequisites**
By permission only.

marketing and how each relates to creating and sustaining value for customers in life sciences industries.

| Title | Tags |
| --- | --- |
| Market Research | 176255, 2 |

**Learning Outcome**
Understand the basics of the market research process.

| Title | Tags |
| --- | --- |
| Current Marketing Techniques | 176256, 3 |

**Learning Outcome**
Understand current marketing techniques in life sciences-based industries.

| Title | Tags |
| --- | --- |
| Applying Moral Values | 176257, 4 |

**Learning Outcome**
Apply faith-based, moral reasoning and personal integrity in professional life.

| Title | Tags |
| --- | --- |
| Teamwork and Communication | 176258, 5 |

**Learning Outcome**
Work effectively within a team and communicate effectively in business environments.

## STRAT 560 - Strategy and Economics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STRAT | 560 |

**Teaching Area**
STRAT
**Course Title**
Strategy and Economics
**Course Description**
Concepts and tools of strategic management, with an emphasis on the economic tools influencing the success of strategy in the development of sustainable competitive advantage.
**Department**
Management
**When Taught**
Fall and Winter

### Credit Hours

## STRAT 585R - Pre-PhD Strategy Seminar

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| STRAT | 585R |

**Teaching Area**
STRAT
**Course Title**
Pre-PhD Strategy Seminar
**Course Description**
This seminar provides students with an introduction to the theory, methods, and areas of research in strategy, with a goal of helping students prepare to apply to strategy PhD programs. This seminar introduces the philosophy of science and research as applied to the study of strategy. Students will develop an understanding of the methods and theory that are foundational to the study and practice of strategy. \n
**Department**
Management
**When Taught**

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
MAcc or MISM major status.

| Title | Tags |
| --- | --- |
| Effective Communication | 176074, 6 |

Learning Outcome
Communicate effectively, both orally and in writing, concerning strategy concepts, models, and analyses.

| Title | Tags |
| --- | --- |
| Decision Making | 176147, 4 |

Learning Outcome
Make appropriate decisions when formulating and implementing strategy.

| Title | Tags |
| --- | --- |
| Strategic Recommendations | 176185, 1 |

Learning Outcome
Apply analytical models to complex business situations and generate strategic recommendations.

| Title | Tags |
| --- | --- |
| Analyzing Business Environments | 176214, 2 |

Learning Outcome
Critically analyze the external and internal environments of a business organization and formulate appropriate strategies.

| Title | Tags |
| --- | --- |
| Elements of Strategy | 176313, 0 |

Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

| Elements of Strategy | 176313, 5 |
|---|---|

**Learning Outcome**
Understand the major elements of strategy and the drivers of competitive advantage.

| Title | Tags |
|---|---|
| Problem Solving Skills | 176314, 3 |

**Learning Outcome**
Use problem-solving skills to develop hypotheses about the effect of strategic decisions that lead to sensible conclusions.

| Title | Tags |
|---|---|
| Team Skills | 176315, 5 |

**Learning Outcome**
Use team skills to actively participate in group projects and assume and exercise responsibility in a collaborative mode.

## SWAHI 100 - Language Study: Swahili

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SWAHI | 100 |

**Teaching Area**
SWAHI
**Course Title**
Language Study: Swahili
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Swahili.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

## SWAHI 101 - First-Year Language Study: Swahili

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SWAHI | 101 |

**Teaching Area**
SWAHI
**Course Title**
First-Year Language Study: Swahili
**Course Description**
Beginning speaking, listening, reading, and writing skills in Swahili.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 197155, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197156, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197157, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 197158, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 197159, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197160, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197161, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## SWAHI 102 - First-Year Language Study: Swahili

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWAHI | 102 |

Teaching Area
SWAHI
Course Title
First-Year Language Study: Swahili
Course Description
Second-semester speaking, listening, reading, and writing skills in Swahili.
Department

## SWAHI 201 - Second-Year Language Study: Swahili

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWAHI | 201 |

Teaching Area
SWAHI
Course Title
Second-Year Language Study: Swahili
Course Description
Intermediate speaking, listening, reading, and writing skills in Swahili.
Department
Language Studies

Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SWAHI 101 - First-Year Language Study: Swahili

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 197151, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 197152, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 197153, 3 |

**Learning Outcome**

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SWAHI 102 - First-Year Language Study: Swahili

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197147, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197148, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197149, 3 |

**Learning Outcome**

In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197154, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 197150, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## SWAHI 202 - Second-Year Language Study: Swahili

### Course Information

**Teaching Area (new)**
SWAHI
**Course Number**
202
**Teaching Area**
SWAHI
**Course Title**
Second-Year Language Study: Swahili
**Course Description**
Continued emphasis on Swahili communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
4
**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## SWAHI 305 - Language Skills Development: Swahili

### Course Information

**Teaching Area (new)**
SWAHI
**Course Number**
305
**Teaching Area**
SWAHI
**Course Title**
Language Skills Development: Swahili
**Course Description**
Increasing proficiency in one or more of the following Swahili language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1
**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197140, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 197141, 2 |

**Learning Outcome**
Communicate effectively

Prerequisites

**Complete ALL of the following Courses:**

- SWAHI 201 - Second-Year Language Study: Swahili

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
| --- | --- |
| Communication Skills | 197143, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 197144, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197145, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197146, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197142, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

# SWAHI 321 - Advanced Grammar: Swahili

## Course Information

**Teaching Area (new)**
SWAHI

**Course Number**
321

**Teaching Area**
SWAHI

**Course Title**
Advanced Grammar: Swahili

**Course Description**
Systematic review of grammar and syntax of Swahili.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- SWAHI 202 - Second-Year Language Study: Swahili

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197137, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197138, 2 |

# SWAHI 330 - Advanced Language Proficiency Through Cultural Studies: Swahili

## Course Information

**Teaching Area (new)**
SWAHI

**Course Number**
330

**Teaching Area**
SWAHI

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Swahili

**Course Description**
Study of Swahili culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Swahi 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 197127, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 197128, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197139, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 197129, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197130, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## SWAHI 340 - Introduction to Literature: Swahili

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWAHI | 340 |

**Teaching Area**
SWAHI
**Course Title**
Introduction to Literature: Swahili
**Course Description**
Advanced study of Swahili literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

## SWAHI 350 - Advanced Language Study for Career Purposes: Swahili

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWAHI | 350 |

**Teaching Area**
SWAHI
**Course Title**
Advanced Language Study for Career Purposes: Swahili
**Course Description**
Concentration on Swahili language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SWAHI 330 - Advanced Language Proficiency Through Cultural Studies: Swahili

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197123, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197124, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197125, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197126, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- SWAHI 330 - Advanced Language Proficiency Through Cultural Studies: Swahili

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 197118, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 197119, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 197120, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 197121, 4 |

skills.

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197122, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## SWED 101 - First-Year Swedish

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWED | 101 |

**Teaching Area**
SWED
**Course Title**
First-Year Swedish
**Course Description**
Basic language skills. Includes International Cinema.
**Department**
Language Studies
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1.5

## SWED 102 - First-Year Swedish

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWED | 102 |

**Teaching Area**
SWED
**Course Title**
First-Year Swedish
**Course Description**
Basic language skills. Includes International Cinema.
**Department**
Language Studies
**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1.5

| Title | Tags |
| --- | --- |
| Culture | 190239, 4 |

**Learning Outcome**
Students will display appropriate awareness of everyday culture in Swedish-speaking countries.

| Title | Tags |
| --- | --- |
| Language Learning Strategies | 190293, 3 |

**Learning Outcome**
Students will develop comprehension and learning strategies to help them derive meaning from a wide variety of authentic language texts.

| Title | Tags |
| --- | --- |
| Comprehension | 190322, 0 |

**Learning Outcome**
Students will comprehend Swedish as they hear and read authentic language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Writing | 190393, 2 |

**Learning Outcome**
Students will be able to write short messages and well-articulated sentences in Swedish on familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 190549, 1 |

**Learning Outcome**
Students will be able to speak Swedish well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, obtain food and lodging, carry out simple transactions, and talk about a variety of topics of common interest primarily in the present, with limited use of other time frames.)

| Title | Tags |
| --- | --- |
| Culture | 190245, 4 |

**Learning Outcome**
Students will display appropriate awareness of everyday culture in Swedish-speaking countries.

| Title | Tags |
| --- | --- |
| Speaking | 190264, 1 |

**Learning Outcome**
Students will be able to speak Swedish well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.)

| Title | Tags |
| --- | --- |
| Language Learning Outcomes | 190409, 3 |

**Learning Outcome**
Students will develop strategies to help them derive meaning from a wide variety of authentic language texts.

| Title | Tags |
| --- | --- |
| Comprehension | 190525, 0 |

**Learning Outcome**
Students will be able to comprehend Swedish as they hear and read authentic language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Writing | 190579, 2 |

**Learning Outcome**
Students will be able to write short messages and well-articulated sentences in Swedish on familiar topics.

## SWED 201 - Second-Year Swedish

### Course Information

## SWED 202 - Second Year Swedish

### Course Information

## Course Information

**Teaching Area (new)**
SWED

**Course Number**
201

**Teaching Area**
SWED

**Course Title**
Second-Year Swedish

**Course Description**
Conversation, vocabulary building, and reading and writing skills, emphasizing reading. Includes International Cinema.

**Department**
Language Studies

**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1.5

**Other Prerequisites**
Swed 102 or equivalent experience

**Title**
Opinions

**Tags**
190226, 3

**Learning Outcome**
Students will be able to begin expressing and supporting opinions about familiar topics.

**Title**
Conversation

**Tags**
190363, 2

**Learning Outcome**
Students will be able to participate actively in conversations about Swedish-speaking countries, concrete topics, and current events.

**Title**
Comprehension

**Tags**
190394, 0

**Learning Outcome**
Students will be able to comprehend Swedish as they hear and read authentic

## Course Information

**Teaching Area (new)**
SWED

**Course Number**
202

**Teaching Area**
SWED

**Course Title**
Second Year Swedish

**Course Description**
Emphasis on literature and culture with continued writing, grammar, listening, and speaking. Includes International Cinema.

**Department**
Language Studies

**When Taught**
Winter

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1.5

**Note**
Culminating course for GE Foreign Language requirement (except for returned missionaries or those with equivalent experience).

**Title**
Speaking and Writing

**Tags**
190261, 3

**Learning Outcome**
Students will improve their reading and writing skills in Swedish by beginning to communicate in connected and extended discourse, expressing and supporting opinion, and navigating less-familiar topics and situations.

**Title**
Comprehension

**Tags**
190344, 2

**Learning Outcome**
Students will be able to comprehend Swedish as they hear and read authentic language relating to familiar and less familiar topics.

language relating to familiar topics with strategies to even derive meaning out of less familiar topics.

| Title | Tags |
| --- | --- |
| Speaking and Writing | 190575, 1 |

**Learning Outcome**
Students will be able to speak and write Swedish well enough to satisfy immediate needs. (Students will learn to communicate in social situations asking and answering questions, carrying out transactions, and talking about a variety of topics of common interest in present, past, and future times.)

| Title | Tags |
| --- | --- |
| Cultural Literacy | 190533, 4 |

**Learning Outcome**
Students will display an informed awareness of contemporary and historical culture in Sweden and reflect thoughtfully upon their own native culture. They will use their cultural knowledge to use appropriate linguistic choices in their communication in Swedish.

| Title | Tags |
| --- | --- |
| Literature and Cultural History | 190554, 1 |

**Learning Outcome**
Students will be able to identify and define key characteristics of the important moments in Swedish cultural history and place significant works in a meaningful cultural and historical context using the basic tools of literary analysis.

| Title | Tags |
| --- | --- |
| Swedish Culture | 191526, 7 |

**Learning Outcome**
Students will broaden and deepen their perception and appreciation of /Swedish culture.

## SWED 211R - Second-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWED | 211R |

**Teaching Area**
SWED
**Course Title**
Second-Year Conversation
**Course Description**
Intermediate listening comprehension and speaking skills.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

## SWED 311R - Third-Year Conversation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWED | 311R |

**Teaching Area**
SWED
**Course Title**
Third-Year Conversation
**Course Description**
Advanced conversational skills.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Other Prerequisites**
Swed 102 or equivalent experience

| Title | Tags |
| --- | --- |
| Vocabulary | 190295, 3 |

**Learning Outcome**
Students will speak in a way so as to be understood most of the time without difficulty by native speakers unaccustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Opinions | 190342, 1 |

**Learning Outcome**
Students will be able to speak about autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions, and cope with gaps in knowledge.

| Title | Tags |
| --- | --- |
| Fluency | 190541, 2 |

**Learning Outcome**
Students will be able to use an appropriate variety of vocabulary related to autobiographical and concrete topics.

| Title | Tags |
| --- | --- |
| Description and Narration | 190591, 0 |

**Learning Outcome**
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

## SWED 321 - Advanced Swedish

### Course Information

**Other Prerequisites**
Swed 211R or equivalent experience

| Title | Tags |
| --- | --- |
| Vocabulary | 190290, 3 |

**Learning Outcome**
Students will be able to speak using an appropriate variety of vocabulary related to autobiographical and concrete topics as well as to current and other events.

| Title | Tags |
| --- | --- |
| Fluency | 190351, 2 |

**Learning Outcome**
Students will be able to initiate and maintain fluent conversations and cope with gaps in knowledge in contexts related to concrete topics.

| Title | Tags |
| --- | --- |
| Opinions | 190461, 1 |

**Learning Outcome**
Students will be able to relate current events, plots of books or movies, and state opinion.

| Title | Tags |
| --- | --- |
| Description and Narration | 190506, 0 |

**Learning Outcome**
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

| Title | Tags |
| --- | --- |
| Pronunciation | 190519, 4 |

**Learning Outcome**
Students will speak in a way so as to be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

## SWED 340 - Swedish Literature

### Course Information

**Teaching Area (new)**
SWED
**Course Number**
321
**Teaching Area**
SWED
**Course Title**
Advanced Swedish
**Course Description**
Third-year course in Swedish. Developing advanced language skills in speaking, reading, listening, and writing as defined by ACTFL standards.
**Department**
Language Studies
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Swed 202 or equivalent experience.
**Note**
Entry course for returned missionaries or others with equivalent Swedish language experience. Required course for obtaining language credit by examination (Swed 101, 102, 201, 211R).

| Title | Tags |
|---|---|
| Speech and Writing | 190608, 1 |

**Learning Outcome**

Students will develop their ability to narrate and describe in the present and past time frames, use connected discourse, and learn to manage complications in the language through communicative strategies, without patterns of breakdown. Students will develop partial control of their ability to support their opinions and hypothesize about abstract topics, in the context of extended discourse. You should be able to discuss various subjects with ease and debate your position with success using a number of strategies.

**Teaching Area (new)**
SWED
**Course Number**
340
**Teaching Area**
SWED
**Course Title**
Swedish Literature
**Course Description**
Readings in Swedish literature: introduction to basic literary concepts. Includes International Cinema.
**Department**
Language Studies
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0.5

**Recommended**
Swed 321 or equivalent experience
**Note**
Culminating course for GE Foreign Language requirement.

| Title | Tags |
|---|---|
| Analytic and Writing Skills | 190401, 1 |

**Learning Outcome**
Students should be able to insightfully analyze important literary and artistic works from Swedish cultural history and be able to communicate this analysis through articulate and well-organized written and oral presentations in Swedish. Students will also develop basic research skills.

| Title | Tags |
|---|---|
| Cultural Literacy | 190553, 2 |

**Learning Outcome**
Students will be able to relate the ideas and issues raised by the works studied in class to their own cultural situation as well as to their experience with contemporary Swedish culture

| Title | Tags |
| --- | --- |
| Critical Thinking, Accuracy, Text Types | 190609, 2 |

**Learning Outcome**
Students will analyze and employ proper grammatical, lexical, phonological and literary functions in descriptive and narrative texts, in summaries, detailed descriptions and narrations, analyses and argumentative essays.

| Title | Tags |
| --- | --- |
| Swedish Culture | 190610, 4 |

**Learning Outcome**
Students will broaden and deepen their perception and appreciation of Swedish culture.

| Title | Tags |
| --- | --- |
| Listening Comprehension | 190615, 3 |

**Learning Outcome**
Students will be able to understand a variety of advanced topics and dialects and use this as a basis for communication.

contemporary Swedish culture. They will reflect upon and develop an appreciation for the expression of ideas that make up Swedish cultural history and even value the expression of perspectives and opinions they do not necessarily share.

| Title | Tags |
| --- | --- |
| Life-Long Learning | 191527, 6 |

**Learning Outcome**
Students should better know how to understand, interpret, and thoughtfully reflect upon the literature and art they will encounter in later life.

| Title | Tags |
| --- | --- |
| Swedish Culture | 191528, 4 |

**Learning Outcome**
Students should understand key historical trends and works from Swedish culture, recognize connections between these works, and be able to relate them to the development of contemporary cultural developments.

## SWED 399R - Academic Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWED | 399R |

**Teaching Area**
SWED
**Course Title**
Academic Internship
**Course Description**
On-the-job experience in Swedish.
**Department**
Comparative Arts &Letters
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## SWELL 101R - Student Wellness Activities

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 101R |

**Teaching Area**
SWELL
**Course Title**
Student Wellness Activities
**Course Description**
Student Wellness Activities is a variable section of SWELL classes that will be taught on an as-needed basis to include activities not usually taught by Student Wellness. Specific information on the course taught in any given semester or term will be found in course header.
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
0

Other Prerequisites
Department's consent

| Title | Tags |
| --- | --- |
| Professional Experience | 190627, 1 |

Learning Outcome
Improve professional experience and appreciation of cultural practices in an international context.

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

| Title | Tags |
| --- | --- |
| Barre | 210351, 0, 1 |

Learning Outcome

Students will be able to apply biomechanical body awareness principles to create body harmony that is both safe and effective through Barre workouts that increase their agility, strength, and flexibility.
Students will be able to explain the techniques and principles of Barre.
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Handball | 210352, 0, 2 |

Learning Outcome

Students will be able to implement proper form and technique on serves, offensive shots, defensive shots, offensive and defensive strategies, and drills in handball.
Students will be able to explain the techniques, strategies, rules, and scoring of handball.
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Bicycling Basics | 211781, 0, 6 |

Learning Outcome

Students will be able to apply knowledge of hand signaling, scanning, placement in traffic, and using gears while riding bicycles in urban settings.
Students will be able to repack and service bearing systems in wheels, headsets, and bottom brackets.
Students will be able to true a wheel, fix flats, service brakes and shifters, and replace chains.
Students will be able to explain the techniques and principles of bicycling basics.
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

**Title**
Ultimate Frisbee

**Tags**
210422, 0, 3

**Learning Outcome**

Students will be able to perform proper throwing, catching, and cutting techniques.
Students will be able to execute a variety of offensive and defensive schemes appropriate to game circumstances.
Students will be able to explain the techniques, strategies, rules, and scoring of ultimate frisbee.
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

## SWELL 102 - Meditation

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
102

**Teaching Area**
SWELL

**Course Title**
Meditation

**Course Description**
Learn and apply methods of meditation to quiet the mind.

**When Taught**
All Semesters/Terms

**Credit Hours**

## SWELL 103 - STRONG Nation

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
103

**Teaching Area**
SWELL

**Course Title**
STRONG Nation

**Course Description**
STRONG Nation is a High Intensity Interval (HIIT) exercise program designed to bring about an increase in total body fitness for participants of all levels of condition, ability, and needs.

**When Taught**
All Semesters/Terms

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Apply | 210355, 0, 1 |

Learning Outcome
Students will be able to apply principles and implement techniques of mindfulness and meditation to quiet the mind and bring focus to everyday life.

| Title | Tags |
| --- | --- |
| Explain | 210356, 0, 2 |

Learning Outcome
Students will be able to explain the techniques and principles of mindfulness and meditation.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210357, 0, 3 |

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

## SWELL 104 - Cardio Fitness

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 104 |

Teaching Area

### Credit Hours

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

Note
Course information and outline are found at http://studentwellness.byu.edu/physical/activitycourses.

## SWELL 105 - Pickleball

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 105 |

Teaching Area

SWELL
**Course Title**
Cardio Fitness
**Course Description**
Cardio Fitness is an individualized dynamic fitness program designed to bring about an increase in total body fitness for participants of all levels of condition, ability, and needs.
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

SWELL
**Course Title**
Pickleball
**Course Description**
Beginning skills and strategies of pickleball. Rules, strategies, and scoring in pickleball are taught along with the proper technique for executing a variety of shots.
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210426, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Apply | 210424, 0, 1 |

**Learning Outcome**
Students will be able to perform a variety of pickleball shots and apply appropriate strategies in game play.

| Title | Tags |
| --- | --- |
| Explain | 210425, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of pickleball.

## SWELL 106 - Badminton

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
106

**Teaching Area**
SWELL

**Course Title**
Badminton

**Course Description**
Skills and strategies of badminton. Rules, strategies, and scoring in badminton are taught along with the following skills: clear, smash, grip, drive, and drop shots; low, high, drive, and flick serves.

**When Taught**
Fall

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

## SWELL 107 - Pilates

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
107

**Teaching Area**
SWELL

**Course Title**
Pilates

**Course Description**
Pilates strengthens and tones muscles, improves posture, provides flexibility and balance, unites body and mind, and enables a sense of mental control.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

**Title**
Lifelong Wellness

**Tags**
210369, 0, 3

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

**Title**
Apply

**Tags**
210367, 0, 1

**Learning Outcome**
Students will be able to do safe and effective Pilates workouts for total body fitness and improve flexibility, strength, and balance.

| Title | Tags |
| --- | --- |
| Explain | 210368, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques and principles of pilates.

## SWELL 108 - Zumba

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
108

**Teaching Area**
SWELL

**Course Title**
Zumba

**Course Description**
Zumba Fitness is a dance exercise program designed to bring about an increase in total body fitness for participants of all levels of condition, ability, and needs.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Apply | 210370, 0, 1 |

**Learning Outcome**
Students will be able to perform a variety of Latin, international, and folk dance movements adapted for the purpose of exercise.

## SWELL 109 - Yoga

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
109

**Teaching Area**
SWELL

**Course Title**
Yoga

**Course Description**
Yoga teaches how to exercise and/or meditate in order to unify the mind, body and spirit, feeling quiet in your mind, strong and energized in your body, and peaceful in your spirit.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210375, 0, 4 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Explain | 210371, 0, 2 |

**Learning Outcome**
Students will be able to explain Zumba techniques and principles.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210372, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Explain | 210374, 0, 3 |

**Learning Outcome**
Students will be able to explain the techniques and principles of yoga.

| Title | Tags |
| --- | --- |
| Apply | 210373, 0, 1 |

**Learning Outcome**

Students will be able to apply basic yoga sequencing and alignment.
Students will be able to develop yoga knowledge and skills that support and honor their bodies.

## SWELL 110 - Indoor Cycling

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 110 |

**Teaching Area**
SWELL
**Course Title**
Indoor Cycling
**Course Description**
Students in the class will be guided through weekly cycling exercise sessions to improve their cardiovascular fitness and aerobic endurance as well as increase their leg muscle strength and power.
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

## SWELL 111 - Basketball, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 111 |

**Teaching Area**
SWELL
**Course Title**
Basketball, Beginning
**Course Description**
Beginning skills, rules, and strategies of basketball. Rules and scoring, ball handling, passing, lay-up shooting, jumpshots, free throw shooting, defensive strategies (zone/man), and offensive strategies (zone/man).
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Apply | 210376, 0, 1 |

**Learning Outcome**

Students will be able to implement proper bicycle positioning, skills, and techniques to provide comfort, safety, and efficiency while cycling.
Students will be able to apply basic principles of endurance training designed to develop muscular endurance, strength, and power.

| Title | Tags |
|---|---|
| Explain | 210377, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques and principles of indoor cycling.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210378, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210381, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
|---|---|
| Apply | 210379, 0, 1 |

**Learning Outcome**
Students will be able to perform fundamental basketball skills.

| Title | Tags |
|---|---|
| Explain | 210380, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of basketball.

## SWELL 112 - Basketball, Intermediate

### Course Information

**Teaching Area (new)**
SWELL
**Course Number**
112
**Teaching Area**
SWELL
**Course Title**
Basketball, Intermediate
**Course Description**
Intermediate skills, rules, and strategies of basketball. Rules and scoring, ball handling, passing (chest/bounce), lay-up shooting, jumpshots, free throw shooting, defensive strategies (zone/man), and offensive strategies (zone/man).
**When Taught**
Fall, Winter, Spring

### Credit Hours

## SWELL 113 - Ultimate Frisbee

### Course Information

**Course Number**
113
**Teaching Area**
SWELL
**Course Title**
Ultimate Frisbee
**Course Description**
Beginning skills and strategies of ultimate, including throwing, catching, cutting,
footwork, various defensive and offensive designs, as well as a survey of the rules and regulations of the
game.
**Department**
1012
**When Taught**
Fall, Winter, Spring

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Other Prerequisites**
STAC 111 or equivalent.
**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Apply | 210382, 0, 1 |

**Learning Outcome**
Students will be able to apply intermediate basketball skills.

| Title | Tags |
| --- | --- |
| Explain | 210383, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of basketball.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210384, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

### Credit Hours

**Fixed**
0.5

### Lab Hours

**Fixed**
2

| Tags | Learning Outcome |
| --- | --- |
| 214485, 0, 1, 2023-08-29 12:47:10 | Student will be able to learn and improve, techniques and competences in the sport of Ultimate Frisbee. |

## SWELL 116 - Bowling, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 116 |

**Teaching Area**
SWELL
**Course Title**

## SWELL 117 - Bowling, Intermediate

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 117 |

**Teaching Area**
SWELL
**Course Title**

Bowling, Beginning

**Course Description**
Beginning skills, rules, and scoring of bowling. Equipment, rules/scoring, grip/setup, approach/arm swing, strike targeting, straight ball, hook ball, and spare targeting.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Fee**
80

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210387, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Apply | 210385, 0, 1 |

**Learning Outcome**
Students will be able to perform fundamental bowling skills.

| Title | Tags |
| --- | --- |
| Explain | 210386, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of bowling.

Bowling, Intermediate

**Course Description**
Demonstrate competence in the intermediate skills of bowling through class drills, practice, and competition. Demonstrate an understanding of the rules, vocabulary, strategies, and scoring in bowling by passing a written exam. Identify in a written exam the benefits of bowling as a physical activity and a source of life-long enjoyment.

**Department**
1012

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
0.5

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
STAC 116 or equivalent experience.

**Fee**
80

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Skills | 214486, 0, 1, 2023-08-29 12:47:20 |

**Learning Outcome**
Students will be able to apply intermediate bowling skills.

| Title | Tags |
| --- | --- |
| Rules, vocabulary, and strategies | 214487, 0, 2, 2023-08-29 12:47:23 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of bowling.

| Title | Tags |
| --- | --- |
| Benefits of bowling | 214488, 0, 3, 2023-08-29 12:47:26 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

their best selves.

## SWELL 120 - Indoor Rock Climbing

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
120

**Teaching Area**
SWELL

**Course Title**
Indoor Rock Climbing

**Course Description**
Basic climbing skills; including the figure eight knot, belaying, proper climbing techniques, movement skills, and bouldering.

**When Taught**
Spring and Summer Terms

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

**Fee**
120

| Title | Tags | Learning Outcome |
|---|---|---|
| Lifelong Wellness | 210393, 0, 3 | Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Explain | 210392, 0, 2 | Students will be able to explain the techniques and principles of rock climbing. |

## SWELL 121 - Diving, Springboard

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
121

**Teaching Area**
SWELL

**Course Title**
Diving, Springboard

**Course Description**
Beginning diving. Springboard approach and take-off (inward, reverse, backs, forward), somersaults (inward, reverse, back, forward), twists (forward, back).

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags | Learning Outcome |
|---|---|---|
| Apply | 210470, 0, 1 | Students will be able to perform various dives from different groups off of the 1-meter springboard applying the fundamentals of diving. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Explain | 210471, 0, 2 | Students will be able to explain the techniques and principles of diving. |

| Title | Tags |
| --- | --- |
| Apply | 210391, 0, 1 |

**Learning Outcome**

Students will be able to perform basic sport-climbing, bouldering, and belaying techniques.
Students will be able to appropriately apply climbing and belaying safety principles.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210472, 0, 3 |

**Learning Outcome**

Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

## SWELL 125 - Functional Fitness

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 125 |

**Teaching Area**
SWELL
**Course Title**
Functional Fitness
**Course Description**
Establish the basis for lifelong fitness and long-term flexibility through corrective exercise as it relates to long-term flexibility training and fundamental pattern re-education. The focus will be on fundamental movement pattern training as it relates to functional fitness and improvements to motor competency and increased flexibility.
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Apply | 210394, 0, 1 |

**Learning Outcome**
Students will be able to apply flexibility, muscle coordination.

## SWELL 131 - Golf, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 131 |

**Teaching Area**
SWELL
**Course Title**
Golf, Beginning
**Course Description**
Beginning skills, rules strategies and scoring of golf. Rules/definitions, grip, stance/posture, aiming/alignment, chipping, ptiching, putting, full swing, sand play, playing the course.
**When Taught**
Spring and Summer Terms

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Apply | 210427, 0, 1 |

**Learning Outcome**
Students will be able to perform fundamental golf skills.

and core stability while performing workouts designed to prepare the body to meet daily demands and prevent injury.

| Title | Tags |
| --- | --- |
| Explain | 210395, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques and principles of functional fitness.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210396, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Explain | 210428, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of golf.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210429, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

## SWELL 132 - Golf, Intermediate

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 132 |

**Teaching Area**
SWELL
**Course Title**
Golf, Intermediate
**Course Description**
Previous experience with and understanding of technical aspects of golf beyond occasional recreational playing with family or friends (e.g. playing on a high school or community golf team).
**Department**
1012
**When Taught**
All Semesters/Terms

### Credit Hours

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

## SWELL 136 - Gymnastics, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 136 |

**Teaching Area**
SWELL
**Course Title**
Gymnastics, Beginning
**Course Description**
Beginning gymnastics. Men and women: floor, vault, trampoline. Men: Rings, parallel bars, horizontal bar, and mushroom. Women: Uneven parallel bars and beam. Focus will be on fundamental skills and their proper execution.
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Other Prerequisites**
STAC 131 or equivalent.
**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210432, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
|---|---|
| Apply | 210430, 0, 1 |

**Learning Outcome**
Students will be able to apply intermediate golf skills.

| Title | Tags |
|---|---|
| Explain | 210431, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of golf.

**Lab Hours**

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Apply | 210397, 0, 1 |

**Learning Outcome**
Students will be able to implement strength and flexibility in performing gymnastics workouts and elementary skills on each apparatus.

| Title | Tags |
|---|---|
| Explain | 210398, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques and principles of gymnastics.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210399, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

## SWELL 139 - Running

### Course Information

**Teaching Area (new)**
SWELL
**Course Number**
139
**Teaching Area**
SWELL
**Course Title**
Running
**Course Description**
Beginning introduction to principles of exercise and nutrition, training laws, principles and theory, and running mechanics.
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

## SWELL 141 - Martial Arts

### Course Information

**Teaching Area (new)**
SWELL
**Course Number**
141
**Teaching Area**
SWELL
**Course Title**
Martial Arts
**Course Description**
Hybrid martial art class based primarily in Jui-Jitsu. Show and explain proper etiquette expected in martial arts, perform basic grappling control tactices, and participate in grappling martial art competition.
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

Fixed
0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210435, 0, 3 |

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Apply | 210433, 0, 1 |

Learning Outcome
Students will be able to apply correct running mechanics, nutritional principles, and specific physiological and biomechanical testing to avoid overtraining and injury while running.

| Title | Tags |
| --- | --- |
| Explain | 210434, 0, 2 |

Learning Outcome
Students will be able to explain the techniques and principles of running.

Fixed
0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Apply | 210400, 0, 1 |

Learning Outcome
Students will be able to perform basic martial art skills to assist with general coordination and to encourage development of a new life skill.

| Title | Tags |
| --- | --- |
| Explain | 210401, 0, 2 |

Learning Outcome
Students will be able to explain the techniques and principles of martial arts.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210402, 0, 3 |

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

## SWELL 146 - Racquetball, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 146 |

Teaching Area
SWELL
Course Title

## SWELL 147 - Racquetball, Intermediate

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 147 |

Teaching Area
SWELL
Course Title

Racquetball, Beginning

**Course Description**
Beginning skills, rules, and etiquette of singles, doubles, and cut-throat racquetball. Skills include serves, offensive and defensive shots, offensive and defensive strategies, drills.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210405, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Apply | 210403, 0, 1 |

**Learning Outcome**
Students will be able to perform the fundamental skills of racquetball in game play.

| Title | Tags |
| --- | --- |
| Explain | 210404, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of racquetball.

Racquetball, Intermediate

**Course Description**
Intermediate skills, rules, and etiquette of singles, doubles, and cut-throat racquetball.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Explain | 210407, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of racquetball.

| Title | Tags |
| --- | --- |
| Apply | 210406, 0, 1 |

**Learning Outcome**
Students will be able to apply intermediate racquetball skills in game play.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210408, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

## SWELL 150 - Ice Skating, Beginning

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
150

**Teaching Area**
SWELL

**Course Title**
Ice Skating, Beginning

**Course Description**
Developing figure skating skills.

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
0.5

**Fixed**
0.5

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
2

**Fee**
60

**Note**
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

## SWELL 151 - Ice Hockey, Beginning

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
151

**Teaching Area**
SWELL

**Course Title**
Ice Hockey, Beginning

**Course Description**
Basic power skates, puck and stick handling, and game strategies.

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
0.5

**Fixed**
0.5

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
2

**Fee**
75

**Note**
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

## SWELL 152 - Ice Skating, Intermediate

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
152

**Teaching Area**
SWELL

**Course Title**
Ice Skating, Intermediate

**Course Description**
Developing intermediate ice skating skills.

**When Taught**
Winter

**Credit Hours**

**Min**
0.5

**Fixed**
0.5

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
2

**Other Prerequisites**
STAC 150 or equivalent.

**Fee**
60

**Note**
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

## SWELL 153 - Ice Hockey, Intermediate

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
153

**Teaching Area**
SWELL

**Course Title**
Ice Hockey, Intermediate

**Course Description**
Developing intermediate ice hockey skills.

**When Taught**
Winter

**Credit Hours**

**Min**
0.5

**Fixed**
0.5

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
2

**Other Prerequisites**
STAC 151 or equivalent.

**Fee**
75

**Note**
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

## SWELL 155 - Self-Defense

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
155

**Teaching Area**
SWELL

**Course Title**
Self-Defense

**Course Description**
Fundamental principles, skills, and techniques.

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**

## SWELL 156 - Soccer, Beginning

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
156

**Teaching Area**
SWELL

**Course Title**
Soccer, Beginning

**Course Description**
Beginning skills, strategies, and rules of soccer. Basic skills of dribbling, trapping, passing, shooting, throw-in, goalkeeping, offense and defense strategies, scoring and rules of the game.

**When Taught**
All Semesters/Terms

**Credit Hours**

0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Fee**
35
**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210411, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
|---|---|
| Apply | 210409, 0, 1 |

**Learning Outcome**
Students will be able to perform essential skills and strategies to recognize vulnerabilities and will be able to make a plan to limit those vulnerabilities.

| Title | Tags |
|---|---|
| Explain | 210410, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques and principles of self defense.

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Apply | 210436, 0, 1 |

**Learning Outcome**
Students will be able to perform fundamental soccer skills.

| Title | Tags |
|---|---|
| Explain | 210437, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of soccer.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210438, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

## SWELL 157 - Soccer, Intermediate

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SWELL | 157 |

**Teaching Area**

## SWELL 161 - Skiing

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| SWELL | 161 |

**Teaching Area**

SWELL
**Course Title**
Soccer, Intermediate
**Course Description**
Intermediate skills, strategies, and rules of soccer. Dribbling, trapping, passing, shooting, goalkeeping, heading, give-n-go, support, through balls, and back passing. Rules and regulations (at all levels; zone, man to man, and high vs. low defense; flank offense (MLS and English style), offensive formations.
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Other Prerequisites**
STAC 156 or equivalent.
**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210441, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
|---|---|
| Apply | 210439, 0, 1 |

**Learning Outcome**
Students will be able to apply intermediate soccer skills.

| Title | Tags |
|---|---|
| Explain | 210440, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules,

SWELL
**Course Title**
Skiing
**Course Description**
Beginning and intermediate skiing skills will be taught, such as stance and balance, rotary, edge control and pressure control movements, mountain awareness, and equipment.
**When Taught**
Winter Term 1.

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Fee**
Variable
**Note**
Sections formed on basis of ability. Students responsible for following costs: bus transportation, ski equipment, lift fees. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Apply | 210461, 0, 1 |

**Learning Outcome**
Students will be able to implement skiing skills sufficient to enjoy participation in skiing as a lifelong physical activity.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210463, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

and scoring of soccer.

## SWELL 162 - Snowboarding

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
162

**Teaching Area**
SWELL

**Course Title**
Snowboarding

**Course Description**
Both beginning and intermediate level snowboarding skills will be taught such as stance and balance, rotary, edge control and pressure control movements, mountain awareness, and equipment.

**When Taught**
Winter Term 1.

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Fee**
Variable

**Note**
Sections formed on basis of ability. Students responsible for following costs: bus transportation, ski equipment, lift fees. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210466, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
|---|---|
| Apply | 210464, 0, 1 |

## SWELL 164 - Skiing, Cross-Country

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
164

**Teaching Area**
SWELL

**Course Title**
Skiing, Cross-Country

**Course Description**
Beginning skills of cross country skiing in both classic and skating disiplines. Knowledge of skiing safety and equipment.

**When Taught**
Winter Term 1.

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Fee**
Variable

**Note**
Students responsible for following costs: bus transportation, ski equipment, trail fees. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Apply | 210467, 0, 1 |

**Learning Outcome**
Students will be able to perform the basic skills of cross country skiing in classic and skating disciplines.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210469, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of

Learning Outcome
Students will be able to implement snowboarding skills sufficient to enjoy participation in snowboarding as a lifelong physical activity.

fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

## SWELL 170 - Swimming for Nonswimmers

### Course Information

Teaching Area (new): SWELL
Course Number: 170
Teaching Area: SWELL
Course Title: Swimming for Nonswimmers
Course Description: Beginning swimming for those with limited or no swimming skills. Correct performance of basic swimming skills such as front and back float, front and back streamline glide, treading water, freestyle, and elementary backstroke.
When Taught: Fall and Winter

#### Credit Hours

Min: 0.5
Fixed: 0.5

#### Lecture Hours

Fixed: 0

#### Lab Hours

Fixed: 2

Note: Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Apply | 210473, 0, 1 |

Learning Outcome: Students will be able to perform proper form and technique in the following basic swimming strokes and techniques: front and back float, front and back glide, freestyle, backstroke, and elementary backstroke.

## SWELL 171 - Swimming, Beginning

### Course Information

Teaching Area (new): SWELL
Course Number: 171
Teaching Area: SWELL
Course Title: Swimming, Beginning
Course Description: Beginning techniques of swimming, basic swimming skills and standard swimming strokes. Form and technique in freestyle, backstroke, breaststroke, front and back float, treading water, continuous kick, underwater swimming, flip turns, surface dives, and open turns.
When Taught: All Semesters/Terms

#### Credit Hours

Min: 0.5
Fixed: 0.5

#### Lecture Hours

Fixed: 0

#### Lab Hours

Fixed: 2

Note: Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210478, 0, 3 |

Learning Outcome: Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Explain | 210474, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques and principles of swimming.

| Title | Tags |
| --- | --- |
| Explain | 210477, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques and principles of swimming.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210475, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Apply | 210476, 0, 1 |

**Learning Outcome**

Students will be able to perform proper form and technique in the standard swimming strokes (freestyle, backstroke, and breaststroke).
Students will able to perform at a beginning swimming fitness level (500 yard swim).

## SWELL 172 - Swimming, Intermediate

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 172 |

**Teaching Area**
SWELL
**Course Title**
Swimming, Intermediate
**Course Description**
Intermediate-level instruction in all four competitive strokes, front and back float, front and back dolphin kick off walls, surface dives, underwater swimming, and open turns.
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

## SWELL 174 - Water Polo

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 174 |

**Teaching Area**
SWELL
**Course Title**
Water Polo
**Course Description**
Course will focus on the techniques of water polo including rules, treading, and game play.
**When Taught**
Fall; Winter.

#### Credit Hours

**Min**
0.5

**Fixed**
0.5

#### Lecture Hours

**Fixed**
0

#### Lab Hours

**Fixed**
2

2

**Other Prerequisites**
STAC 171 or equivalent.
**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Apply | 210479, 0, 1 |

**Learning Outcome**

Students will be able to perform proper form and technique in all competitive strokes.
Students will able to perform at a beginning swimming fitness level (650 yard swim).

| Title | Tags |
| --- | --- |
| Explain | 210480, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques and principles of swimming.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210481, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

**Other Prerequisites**
Students must be able to tread water for two minutes without use of hands and do a 300 yard continuous swim (free style) without pause or stop.
**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210484, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Apply | 210482, 0, 1 |

**Learning Outcome**

Students will be able to perform proper form and technique in standard water polo skills (passing, treading, and shooting).
Students will able to perform at a beginning swimming fitness level (500 yard swim).

| Title | Tags |
| --- | --- |
| Explain | 210483, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of water polo.

## SWELL 175 - Scuba Diving, Beginning

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
175

**Teaching Area**
SWELL

**Course Title**
Scuba Diving, Beginning

**Course Description**
Developing scuba diving skills. Open Water Diver Certification upon successful completion.

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
0.5

**Fixed**
0.5

**Lecture Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
2

**Fee**
352.8

**Note**
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

## SWELL 176 - Scuba Diving, Intermediate

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
176

**Teaching Area**
SWELL

**Course Title**
Scuba Diving, Intermediate

**Course Description**
This class focuses on specialty techniques of SCUBA diving for divers who are already open water certified. The class is taught by Dive Utah (diveutah@diveutah.com).

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
0.5

**Fixed**
0.5

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
2

**Other Prerequisites**
StAc 175 or equivalent.

**Fee**
237.90

**Note**
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

## SWELL 179 - Aqua Fitness

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
179

**Teaching Area**
SWELL

**Course Title**
Aqua Fitness

**Course Description**
Exercise workout in water emphasizing flexibility, strength, and endurance.

**Department**
1012

**When Taught**
Fall and Winter

## SWELL 181 - Tennis, Beginning

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
181

**Teaching Area**
SWELL

**Course Title**
Tennis, Beginning

**Course Description**
Beginning tennis strokes, etiquette, scoring, and strategies. Skills include ground strokes, smashes, serves, volleys, overhead and lobs.

**When Taught**
Spring and Summer Terms

Fall and Winter

### Credit Hours

Fixed
0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

Note
For nonswimmers and swimmers. Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Water exercises | 214489, 0, 1, 2023-08-29 12:48:46 |

Learning Outcome
Demonstrate an understanding of a variety of exercises in the water, including cardiovascular, muscle strengthening, and toning by showing an exercise routine to the class.

| Title | Tags |
| --- | --- |
| Aerobics fitness | 214490, 0, 2, 2023-08-29 12:48:52 |

Learning Outcome
Demonstrate an appropriate level of aerobics fitness and an understanding of basic water aerobic principles by passing a written exam.

## SWELL 182 - Tennis, Intermediate

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 182 |

Teaching Area
SWELL
Course Title

### Credit Hours

Min
0.5

Fixed
0.5

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Lifelong Wellness | 210444, 0, 3 |

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
| --- | --- |
| Apply | 210442, 0, 1 |

Learning Outcome
Students will be able to perform fundamental tennis skills.

| Title | Tags |
| --- | --- |
| Explain | 210443, 0, 2 |

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of tennis.

## SWELL 186 - Volleyball, Beginning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| SWELL | 186 |

Teaching Area
SWELL
Course Title

Tennis, Intermediate

**Course Description**

Intermediate-level tennis strokes, etiquette, scoring, and strategies. Skills include ground strokes, serves, volleys, overheads, return of serve, half-volley, lobs, singles and doubles.

**When Taught**

Spring and Summer Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Other Prerequisites**

STAC 181 or equivalent.

**Note**

Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Explain | 210446, 0, 2 |

**Learning Outcome**

Students will be able to explain the techniques, strategies, rules, and scoring of tennis.

| Title | Tags |
|---|---|
| Apply | 210445, 0, 1 |

**Learning Outcome**

Students will be able to apply intermediate tennis skills.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210447, 0, 3 |

**Learning Outcome**

Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Volleyball, Beginning

**Course Description**

Beginning volleyball skills, rules, and strategies. Skills include underhand and overhand serves, forearm passing, setting, attacking, blocking, serve reception techniques, 6-6 and 4-2 offense and 4-2 defense strategies, scoring.

**When Taught**

All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**

Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Apply | 210412, 0, 1 |

**Learning Outcome**

Students will be able to perform fundamental volleyball skills.

| Title | Tags |
|---|---|
| Explain | 210413, 0, 2 |

**Learning Outcome**

Students will be able to explain the techniques, strategies, rules, and scoring of volleyball.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210414, 0, 3 |

**Learning Outcome**

Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

## SWELL 187 - Volleyball, Intermediate

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
187

**Teaching Area**
SWELL

**Course Title**
Volleyball, Intermediate

**Course Description**
Intermediate volleyball skills, rules, and strategies. Skills include floater and top spin serves, forearm passing, setting, back setting, strong side and seak side attacking, blocking serve reception techniques, 6-6 and 6-2 offenses, and 4-2 defensive strategies.

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Other Prerequisites**
StAc 186 or equivalent.

**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
|---|---|
| Lifelong Wellness | 210418, 0, 3 |

**Learning Outcome**
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

| Title | Tags |
|---|---|
| Apply | 210415, 0, 1 |

**Learning Outcome**
Students will be able to apply intermediate volleyball skills.

## SWELL 191 - Weight Training

### Course Information

**Teaching Area (new)**
SWELL

**Course Number**
191

**Teaching Area**
SWELL

**Course Title**
Weight Training

**Course Description**
Weight training concepts and strategies. Specific exercises for a personalized strength training program including safety, fundamental skills, training considerations and general techniques for all lifts.

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
0.5

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
2

**Note**
Course information and outline are found at https://studentwellness.byu.edu/. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Explain | 210417, 0, 2 |

**Learning Outcome**
Students will be able to explain the techniques, strategies, rules, and scoring of volleyball.

## SWELL 277 - Techniques of Lifeguarding

### Course Information

**Teaching Area (new)**
SWELL
**Course Number**
277
**Teaching Area**
SWELL
**Course Title**
Techniques of Lifeguarding
**Course Description**
First-aid and lifeguard skills training, including instruction in CPR, and American Red Cross certification for lifeguard training.
**When Taught**
Winter.

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
Swim competency test (given first day of class).
**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

## SWELL 278 - Water Safety Instructor Training

### Course Information

**Teaching Area (new)**
SWELL
**Course Number**
278
**Teaching Area**
SWELL
**Course Title**
Water Safety Instructor Training
**Course Description**
Leads to American Red Cross WSI certification. Swimming teaching methods that include teaching swimming to special needs students.
**When Taught**
Fall; Winter.

#### Credit Hours

**Min**
2
**Fixed**
2

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
ARC Swimmer--level competency.
**Note**
Course information and outline are found at https://studentwellness.byu.edu/.

| Title | Tags |
| --- | --- |
| Preparing courses | 206305, 1 |

**Learning Outcome**
Demonstrate how to plan and organize courses using block and lesson plans.

| Title | Tags |
| --- | --- |
| Certification | 206341, 0 |

**Learning Outcome**
Acquire American Red Cross certification to teach swimming and water safety courses.

| Title | Tags |
| --- | --- |
| Teaching courses | 206389, 2 |

**Learning Outcome**
Practice teaching techniques and demonstrating required skills.

## T ED 589R - Mathematics for Teaching K-8: Numbers and Operations

### Course Information

**Teaching Area (new)**
T ED

**Course Number**
589R

**Teaching Area**
T ED

**Course Title**
Mathematics for Teaching K-8: Numbers and Operations

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Math Teaching K-8

**Tags**
178942, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## T ED 589R - Mathematics for Teaching K-8: Assessment and Intervention

### Course Information

**Teaching Area (new)**
T ED

**Course Number**
589R

**Teaching Area**
T ED

**Course Title**
Mathematics for Teaching K-8: Assessment and Intervention

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Math Teaching K-8

**Tags**
178939, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## T ED 589R - Mathematics for Teaching K-8: Geometry and Measurement

### Course Information

**Teaching Area (new)**
T ED

**Course Number**
589R

**Teaching Area**
T ED

**Course Title**
Mathematics for Teaching K-8: Geometry and Measurement

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Math Teaching K-8

**Tags**
178941, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## T ED 589R - Special Topics in Education

### Course Information

**Teaching Area (new)**
T ED

**Course Number**
589R

**Teaching Area**
T ED

**Course Title**
Special Topics in Education

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Special Topics in Education

**Tags**
178937, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## T ED 589R - Mathematics for Teaching K-8: Algebra Reasoning

### Course Information

**Teaching Area (new)**
T ED

**Course Number**
589R

**Teaching Area**
T ED

**Course Title**
Mathematics for Teaching K-8: Algebra Reasoning

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Math Teaching K-8

**Tags**
178938, 1

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## T ED 589R - Mathematics for Teaching K-8: Rational Numbers and Proportional Reasoning

### Course Information

**Teaching Area (new)**
T ED

**Course Number**
589R

**Teaching Area**
T ED

**Course Title**
Mathematics for Teaching K-8: Rational Numbers and Proportional Reasoning

**Department**
Teacher Education

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
instructional strategies

**Tags**
178718, 0

**Learning Outcome**
Candidates will explore specific topics in education under the direction of a specific instructor.

## T ED 589R - Mathematics for Teaching K-8: Data Analysis and Problem Solving

### Course Information

**Teaching Area (new)**
T ED

**Course Number**
589R

**Teaching Area**
T ED

**Course Title**
Mathematics for Teaching K-8: Data Analysis and Problem Solving

**Department**
Teacher Education

## TAGAL 100 - Language Study: Filipino, Tagalog

### Course Information

**Teaching Area (new)**
TAGAL

**Course Number**
100

**Teaching Area**
TAGAL

**Course Title**
Language Study: Filipino, Tagalog

**Course Description**
Survival-level conversation, reading, listening, and culture skills in

Teacher Education
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Math Teaching K-8 | 178940, 1 |

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

Survival level conversation, reading, listening, and culture skills in Tagalog.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 197115, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 197116, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 197117, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## TAGAL 101 - First-Year Language Study: Filipino, Tagalog

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

## TAGAL 102 - First-Year Language Study: Filipino, Tagalog

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

TAGAL 101
**Teaching Area**
TAGAL
**Course Title**
First-Year Language Study: Filipino, Tagalog
**Course Description**
Beginning speaking, listening, reading, and writing skills in Tagalog.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
|---|---|
| Comprehension | 197109, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 197110, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 197111, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

TAGAL 102
**Teaching Area**
TAGAL
**Course Title**
First-Year Language Study: Filipino, Tagalog
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Tagalog.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TAGAL 101 - First-Year Language Study: Filipino, Tagalog

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 197104, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 197105, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions

| Title | Tags |
| --- | --- |
| Culture | 197113, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 197106, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 197108, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## TAGAL 201 - Second-Year Language Study: Filipino, Tagalog

### Course Information

**Teaching Area (new)**
TAGAL
**Course Number**
201
**Teaching Area**
TAGAL
**Course Title**
Second-Year Language Study: Filipino, Tagalog
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Tagalog.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

## TAGAL 202 - Second-Year Language Study: Filipino, Tagalog

### Course Information

**Teaching Area (new)**
TAGAL
**Course Number**
202
**Teaching Area**
TAGAL
**Course Title**
Second-Year Language Study: Filipino, Tagalog
**Course Description**
Continued emphasis on Tagalog communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- TAGAL 102 - First-Year Language Study: Filipino, Tagalog

Prerequisites

**Complete ALL of the following Courses:**
- FLANG 102R - First-Year Language Study

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 197099, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 197100, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 197101, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 197103, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TAGAL 201 - Second-Year Language Study: Filipino, Tagalog

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 197057, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 197058, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197059, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 197060, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## TAGAL 305 - Language Skills Development: Filipino, Tagalog

### Course Information

**Teaching Area (new)**
TAGAL
**Course Number**
305
**Teaching Area**
TAGAL
**Course Title**
Language Skills Development: Filipino, Tagalog
**Course Description**
Increasing proficiency in one or more of the following Tagalog language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 197094, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 197096, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational

## TAGAL 321 - Advanced Grammar: Filipino, Tagalog

### Course Information

**Teaching Area (new)**
TAGAL
**Course Number**
321
**Teaching Area**
TAGAL
**Course Title**
Advanced Grammar: Filipino, Tagalog
**Course Description**
Systematic review of grammar and syntax of Tagalog.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- TAGAL 202 - Second-Year Language Study: Filipino, Tagalog

Prerequisites

(written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197098, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Complete ALL of the following Courses:**
- FLANG 202R - Second-Year Language Study

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 197091, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 197092, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 197093, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## TAGAL 330 - Advanced Language Proficiency Through Cultural Studies: Filipino, Tagalog

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TAGAL | 330 |

**Teaching Area**
TAGAL
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Filipino, Tagalog
**Course Description**
Study of Tagalog culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

Min

## TAGAL 340 - Introduction to Literature: Filipino, Tagalog

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TAGAL | 340 |

**Teaching Area**
TAGAL
**Course Title**
Introduction to Literature: Filipino, Tagalog
**Course Description**
Advanced study of Tagalog literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

Min
3

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Other Prerequisites**
Tagal 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 197087, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 197088, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 197089, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death,

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TAGAL 330 - Advanced Language Proficiency Through Cultural Studies: Filipino, Tagalog

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 197082, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 197083, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 197084, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 197086, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking

etc.).

skills.

| Title | Tags |
| --- | --- |
| General Education Requirements | 197090, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## TAGAL 350 - Advanced Language Study for Career Purposes: Filipino, Tagalog

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TAGAL | 350 |

**Teaching Area**
TAGAL
**Course Title**
Advanced Language Study for Career Purposes: Filipino, Tagalog
**Course Description**
Concentration on Tagalog language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TAGAL 330 - Advanced Language Proficiency Through Cultural Studies: Filipino, Tagalog

## TAHIT 100 - Language Study: Tahitian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TAHIT | 100 |

**Teaching Area**
TAHIT
**Course Title**
Language Study: Tahitian
**Course Description**
Survival-level conversation, reading, listening, and culture skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 197076, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 197077, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 197078, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 197079, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 197080, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## TAHIT 101 - First-Year Language Study: Tahitian

### Course Information

**Teaching Area (new)**
TAHIT
**Course Number**
101
**Teaching Area**
TAHIT
**Course Title**
First-Year Language Study: Tahitian
**Course Description**
Beginning speaking, listening, reading, and writing skills in Tahitian.
**Department**
Language Studies
**When Taught**
Contact Department

**Credit Hours**

**Min**
4

**Fixed**
4

**Lecture Hours**

**Fixed**
5

**Lab Hours**

**Fixed**
1

## TAHIT 102 - First-Year Language Study: Tahitian

### Course Information

**Teaching Area (new)**
TAHIT
**Course Number**
102
**Teaching Area**
TAHIT
**Course Title**
First-Year Language Study: Tahitian
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Tahitian.
**Department**
Language Studies
**When Taught**
Contact Department

**Credit Hours**

**Min**
4

**Fixed**
4

**Lecture Hours**

**Fixed**
5

**Lab Hours**

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TAHIT 101 - First-Year Language Study: Tahitian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## TAHIT 201 - Second-Year Language Study: Tahitian

### Course Information

**Teaching Area (new)**
TAHIT
**Course Number**
201
**Teaching Area**
TAHIT
**Course Title**
Second-Year Language Study: Tahitian
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Tahitian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TAHIT 102 - First-Year Language Study: Tahitian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## TAHIT 202 - Second-Year Language Study: Tahitian

### Course Information

**Teaching Area (new)**
TAHIT
**Course Number**
202
**Teaching Area**
TAHIT
**Course Title**
Second-Year Language Study: Tahitian
**Course Description**
Continued emphasis on communication skills and vocabulary building in Tahitian and cultural awareness of Tahiti.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TAHIT 201 - Second-Year Language Study: Tahitian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

## TAHIT 305 - Language Skills Development: Tahitian

### Course Information

**Teaching Area (new)**
TAHIT

**Course Number**
305

**Teaching Area**
TAHIT

**Course Title**
Language Skills Development: Tahitian

**Course Description**
Increasing proficiency in one or more of the following target-language or target-culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

## TAHIT 321 - Advanced Grammar: Tahitian

### Course Information

**Teaching Area (new)**
TAHIT

**Course Number**
321

**Teaching Area**
TAHIT

**Course Title**
Advanced Grammar: Tahitian

**Course Description**
Systematic review of grammar and syntax of target language.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TAHIT 202 - Second-Year Language Study: Tahitian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## TAHIT 330 - Advanced Language Proficiency Through Cultural Studies: Tahitian

### Course Information

**Teaching Area (new)** **Course Number**
TAHIT 330
**Teaching Area**
TAHIT
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Tahitian
**Course Description**
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Tahtn 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

## TAHIT 340 - Introduction to Literature: Tahitian

### Course Information

**Teaching Area (new)** **Course Number**
TAHIT 340
**Teaching Area**
TAHIT
**Course Title**
Introduction to Literature: Tahitian
**Course Description**
Advanced study of literature of target language. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- TAHIT 330 - Advanced Language Proficiency Through Cultural Studies: Tahitian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## TAHIT 350 - Advanced Language Study for Career Purposes: Tahitian

### Course Information

**Teaching Area (new)** **Course Number**

## TAIWN 100 - Language Study: Taiwanese

### Course Information

**Teaching Area (new)** **Course Number**
TAIWN 100

TAHIT 350
**Teaching Area**
TAHIT
**Course Title**
Advanced Language Study for Career Purposes: Tahitian
**Course Description**
Concentration on target-language and target-culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TAHIT 350 - Advanced Language Study for Career Purposes: Tahitian

**Additional Comments:**

**Teaching Area**
TAIWN
**Course Title**
Language Study: Taiwanese
**Course Description**
Survival-level conversation, reading, listening, and culture skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 196987, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 196988, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 196990, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## TAIWN 101 - First-Year Language Study

## TAIWN 102 - First-Year Language Study

# TAIWN 101 - First-Year Language Study: Taiwanese

## Course Information

**Teaching Area (new)**
TAIWN

**Course Number**
101

**Teaching Area**
TAIWN

**Course Title**
First-Year Language Study: Taiwanese

**Course Description**
Beginning speaking, listening, reading, and writing skills.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
196975, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196981, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**
Writing

**Tags**
196982, 3

**Learning Outcome**
In the target language, write

# TAIWN 102 - First-Year Language Study: Taiwanese

## Course Information

**Teaching Area (new)**
TAIWN

**Course Number**
102

**Teaching Area**
TAIWN

**Course Title**
First-Year Language Study: Taiwanese

**Course Description**
Second-semester speaking, listening, reading, and writing skills.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TAIWN 101 - First-Year Language Study: Taiwanese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Comprehension

**Tags**
196967, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196968, 2

In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196985, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196969, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196971, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## TAIWN 201 - Second-Year Language Study: Taiwanese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TAIWN | 201 |

**Teaching Area**
TAIWN
**Course Title**
Second-Year Language Study: Taiwanese
**Course Description**
Intermediate speaking, listening, reading, and writing skills.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

## TAIWN 202 - Second-Year Language Study: Taiwanese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TAIWN | 202 |

**Teaching Area**
TAIWN
**Course Title**
Second-Year Language Study: Taiwanese
**Course Description**
Continued emphasis on communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TAIWN 102 - First-Year Language Study: Taiwanese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196958, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196960, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196961, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196963, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TAIWN 201 - Second-Year Language Study: Taiwanese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196952, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196953, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196954, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements,

government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196955, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## TAIWN 305 - Language Skills Development: Taiwanese

### Course Information

**Teaching Area (new)**
TAIWN
**Course Number**
305
**Teaching Area**
TAIWN
**Course Title**
Language Skills Development: Taiwanese
**Course Description**
Increasing proficiency in one or more of the following target-language or target-culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1
**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 196946, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 196948, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with

## TAIWN 321 - Advanced Grammar: Taiwanese

### Course Information

**Teaching Area (new)**
TAIWN
**Course Number**
321
**Teaching Area**
TAIWN
**Course Title**
Advanced Grammar: Taiwanese
**Course Description**
Systematic review of grammar and syntax of target language.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- TAIWN 202 - Second-Year Language Study: Taiwanese

native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196950, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Additional Comments:

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 196940, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 196942, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196944, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## TAIWN 330 - Advanced Language Proficiency Through Cultural Studies: Taiwanese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TAIWN | 330 |

Teaching Area
TAIWN
Course Title
Advanced Language Proficiency Through Cultural Studies: Taiwanese
Course Description
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

## TAIWN 340 - Introduction to Literature: Taiwanese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TAIWN | 340 |

Teaching Area
TAIWN
Course Title
Introduction to Literature: Taiwanese
Course Description
Advanced study of literature of target language. Continued emphasis on communication skills and culture.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Taiwn 202 or equivalent.
Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196932, 1 |

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196934, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196936, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196937, 4 |

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites
Complete ALL of the following Courses:
- TAIWN 330 - Advanced Language Proficiency Through Cultural Studies: Taiwanese

Additional Comments:

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196924, 1 |

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196926, 2 |

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196928, 3 |

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196930, 4 |

Learning Outcome
Improve target-language reading, writing, and speaking skills.

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## TAIWN 350 - Advanced Language Study for Career Purposes: Taiwanese

### Course Information

Teaching Area (new)
TAIWN
Course Number
350
Teaching Area
TAIWN
Course Title
Advanced Language Study for Career Purposes: Taiwanese
Course Description
Concentration on target-language and target-culture issues for specific careers.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAIWN 330 - Advanced Language Proficiency Through Cultural Studies: Taiwanese

Additional Comments:

Title
Defined Career Purposes
Tags
196916, 1

## TAMIL 100 - Language Study: Tamil

### Course Information

Teaching Area (new)
TAMIL
Course Number
100
Teaching Area
TAMIL
Course Title
Language Study: Tamil
Course Description
Survival-level conversation, reading, listening, and culture skills in Tamil.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
2
Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Title
Speaking
Tags
196913, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations
Tags
196914, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196917, 2 |

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196918, 3 |

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196920, 4 |

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196922, 5 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196915, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

## TAMIL 101 - First-Year Language Study: Tamil

### Course Information

## TAMIL 102 - First-Year Language Study: Tamil

### Course Information

**Teaching Area (new)**
TAMIL

**Course Number**
101

**Teaching Area**
TAMIL

**Course Title**
First-Year Language Study: Tamil

**Course Description**
Beginning speaking, listening, reading, and writing skills in Tamil.

**Department**
Language Studies

**When Taught**
Contact Department

## Credit Hours

**Min**
4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
196909, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196910, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**
Writing

**Tags**
196911, 3

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

**Teaching Area (new)**
TAMIL

**Course Number**
102

**Teaching Area**
TAMIL

**Course Title**
First-Year Language Study: Tamil

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Tamil.

**Department**
Language Studies

**When Taught**
Contact Department

## Credit Hours

**Min**
4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TAMIL 101 - First-Year Language Study: Tamil

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Comprehension

**Tags**
196896, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196897, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate

| Title | Tags |
| --- | --- |
| Culture | 196912, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196901, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196902, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## TAMIL 201 - Second-Year Language Study: Tamil

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TAMIL | 201 |

**Teaching Area**
TAMIL
**Course Title**
Second-Year Language Study: Tamil
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Tamil.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

## TAMIL 202 - Second-Year Language Study: Tamil

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TAMIL | 202 |

**Teaching Area**
TAMIL
**Course Title**
Second-Year Language Study: Tamil
**Course Description**
Continued emphasis on Tamil communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TAMIL 102 - First-Year Language Study: Tamil

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196888, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196890, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196892, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196893, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TAMIL 201 - Second-Year Language Study: Tamil

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196881, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196883, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196885, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196886, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## TAMIL 305 - Language Skills Development: Tamil

### Course Information

**Teaching Area (new)** | **Course Number**
TAMIL | 305

**Teaching Area**
TAMIL

**Course Title**
Language Skills Development: Tamil

**Course Description**
Increasing proficiency in one or more of the following Tamil language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 196873, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 196875, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal,

## TAMIL 321 - Advanced Grammar: Tamil

### Course Information

**Teaching Area (new)** | **Course Number**
TAMIL | 321

**Teaching Area**
TAMIL

**Course Title**
Advanced Grammar: Tamil

**Course Description**
Systematic review of grammar and syntax of Tamil.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- TAMIL 202 - Second-Year Language Study: Tamil

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |

interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196877, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

| Title | Tags |
| --- | --- |
| Analyze | 196866, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 196867, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196870, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## TAMIL 330 - Advanced Language Proficiency Through Cultural Studies: Tamil

### Course Information

**Teaching Area (new)**
TAMIL
**Course Number**
330
**Teaching Area**
TAMIL
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Tamil
**Course Description**
Study of Tamil culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## TAMIL 340 - Introduction to Literature: Tamil

### Course Information

**Teaching Area (new)**
TAMIL
**Course Number**
340
**Teaching Area**
TAMIL
**Course Title**
Introduction to Literature: Tamil
**Course Description**
Advanced study of Tamil literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Tamil 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement

| Title | Tags |
|---|---|
| Communication Skills | 196859, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196860, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196862, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196865, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TAMIL 330 - Advanced Language Proficiency Through Cultural Studies: Tamil

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196852, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196854, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196856, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196857, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## TAMIL 350 - Advanced Language Study for Career Purposes: Tamil

### Course Information

**Teaching Area (new)**
TAMIL

**Course Number**
350

**Teaching Area**
TAMIL

**Course Title**
Advanced Language Study for Career Purposes: Tamil

**Course Description**
Concentration on Tamil language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TAMIL 330 - Advanced Language Proficiency Through Cultural Studies: Tamil

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196839, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies

## TECH 231 - Foundations of Global Leadership

### Course Information

**Teaching Area (new)**
TECH

**Course Number**
231

**Teaching Area**
TECH

**Course Title**
Foundations of Global Leadership

**Course Description**
Foundational principles and practices of individual and organizational leadership in a global context from an integrated moral, technical, and social perspective. Emphasis on developing integrity, valuing and leveraging diversity, acquiring and applying leadership skills.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 196841, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196842, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196845, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196849, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## TECH 495R - Global Engineering Outreach Projects

### Course Information

**Teaching Area (new)**
TECH

**Course Number**
495R

**Teaching Area**
TECH

**Course Title**
Global Engineering Outreach Projects

**Course Description**
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

**When Taught**
Fall and Winter

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

## TEE 593R - Workshop in Applied Technology Education

### Course Information

**Teaching Area (new)**
TEE

**Course Number**
593R

**Teaching Area**
TEE

**Course Title**
Workshop in Applied Technology Education

**Course Description**
Teaching and learning technological literacy skills. Reviewing and participating in current technological advances, with a focus on teaching practice and methods.

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
0.5

**Fixed**
2

**Fee**
Variable

**Note**
Maximum of 2 credit hours applicable to MS program. Fee.

| Title | Tags |
| --- | --- |
| Course Outcomes | 181178, 0, 0 |

**Learning Outcome**
Students will understand the current pedagogical techniques used in their teaching field of choice.

## TELL 400 - Foundations in Education for English Language Learners

### Course Information

**Teaching Area (new)**
TELL

**Course Number**
400

**Teaching Area**
TELL

**Course Title**
Foundations in Education for English Language Learners

**Course Description**
Identifying and assessing legal, linguistic, cultural, community, and familial issues affecting access of Limited English Proficient (LEP) student populations to education.

**Department**
Teacher Education

**When Taught**
Contact Department

**Credit Hours**

## TELL 410 - Second Language Learning and Teaching

### Course Information

**Teaching Area (new)**
TELL

**Course Number**
410

**Teaching Area**
TELL

**Course Title**
Second Language Learning and Teaching

**Course Description**
The purpose of this course is to introduce teacher candidates to foundational second language teaching/learning theories and knowledge.

**Department**
Teacher Education

**When Taught**
Fall, Winter, Spring

**Credit Hours**

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Historical Context of Diversity | 178717, 5 |

**Learning Outcome**
Interpret the historical context of diversity, discrimination, and language policies and evaluate how they impact current school practices.

| Title | Tags |
| --- | --- |
| Cultural Identity | 178726, 0 |

**Learning Outcome**
Examine and understand the various dimensions of cultural identity, including one's own, and apply this knowledge to their thinking and behavior.

| Title | Tags |
| --- | --- |
| Culture's Effects | 178773, 3 |

**Learning Outcome**
Acknowledge the dynamics of how culture effects students' language learning and school success and teachers' teaching.

| Title | Tags |
| --- | --- |
| Recognizing Racism | 178788, 2 |

**Learning Outcome**
Recognize and acknowledge racism and discrimination in themselves, in others, and within institutions.

**Title**

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Declare a Teaching Major**
**Type**
Prerequisite

**Additional Comments:**

**Other Prerequisites**
EL ED 203, SC ED 353.

| Title | Tags |
| --- | --- |
| Cultural Diversity | 178827, 1 |

**Learning Outcome**

- Teacher Candidates know, understand, and use the major concepts, principles, theories, and research related to the nature and role of culture and cultural groups.
- Teacher Candidates create a learning environment that is sensitive to and supportive of English language learner's cultural identities, language and literacy development, and content area knowledge.

| | |
|---|---|
| Culturally and Linguistically Relevant Pedagogy | **Tags**<br>178790, 4 |
| **Learning Outcome**<br>Identify culturally and linguistically relevant pedagogy and use theoretically grounded principles to analyze why it is effective for many different types of learners. | |

| | |
|---|---|
| **Title**<br>Theoretical Frameworks | **Tags**<br>178798, 1 |
| **Learning Outcome**<br>Recognize and use a moral spiritual framework and the social science theoretical framework to guide multicultural and English language learner education. | |

| | |
|---|---|
| | **Learning Outcome**<br>Candidates know, understand, and use the major theories and research related to the structure and acquisition of language to help English language learners' (ELLs') develop language and literacy and achieve in the content areas. |
| **Tags**<br>178802, 1 | |

## TELL 420 - Assessing Linguistically Diverse Students

### Course Information

**Teaching Area (new)**
TELL

**Course Number**
420

**Teaching Area**
TELL

**Course Title**
Assessing Linguistically Diverse Students

**Course Description**
Fundamental concepts in testing, use/interpretation of current instruments for language/academic assessment, appropriate placement of linguistically diverse students, and developing classroom language assessments.

**Department**
Teacher Education

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Recommended**
TELL 410

| Title | Tags | Learning Outcome |
|---|---|---|
| Assessment | 178828, 1 | Teacher Candidates will understand issues of assessment and accommodation and use a variety of measurement tools to evaluate English language learners for placement, proficiency and instruction. |

## TELL 430 - Developing K-12 Literacy in a Second Language

### Course Information

**Teaching Area (new)**
TELL

**Course Number**
430

**Teaching Area**
TELL

**Course Title**
Developing K-12 Literacy in a Second Language

**Course Description**
Instructional strategies, methodologies, and materials for developing reading and writing skills in a second language. Developing cognitive academic language proficiency and integrating multiple cultural perspectives.

**Department**
Teacher Education

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Recommended**
TELL 410

| Title | Tags | Learning Outcome |
|---|---|---|
| Language/Linguistics | 178829, 1 | Teacher Candidates will know, understand, and use the major concepts, theories, and research related to the nature and acquisition of language and linguistic systems to construct learning environments that support English learners' (EL's) development of English language proficiency: literacy, academic, and cognitive development. |

# TELL 435 - Language and Literacy Instruction in K-12 Dual Immersion Settings

## Course Information

**Teaching Area (new)**
TELL

**Course Number**
435

**Teaching Area**
TELL

**Course Title**
Language and Literacy Instruction in K-12 Dual Immersion Settings

**Course Description**
Theory and rationale for developing language and literacy in two or more languages. Focus on the development of literacy instruction, including theory and methods applicable to K-12 dual language immersion classrooms.

**Department**
Teacher Education

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- FLANG 300 - Foundations of Dual Language and Immersion Education
  **AND** TELL 410 - Second Language Learning and Teaching
  **AND** TELL 420 - Assessing Linguistically Diverse Students

Prerequisites

**Complete ALL of the following Courses:**

- EL ED 213 - Instructional Design and Assessment for all Learners
  **AND** FLANG 300 - Foundations of Dual Language and Immersion Education

# TELL 440 - Content-Based Language Instruction

## Course Information

**Teaching Area (new)**
TELL

**Course Number**
440

**Teaching Area**
TELL

**Course Title**
Content-Based Language Instruction

**Course Description**
Instructional methods, strategies, and materials for integrating curriculum content and language instruction. Teaching, creating, and adapting lesson materials in a multicultural context.

**Department**
Teacher Education

**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Recommended**
TELL 410

| Title | Tags |
| --- | --- |
| Instruction | 178830, 1 |

**Learning Outcome**
Teacher Candidates know, understand, and use the Utah English Language Proficiency Standards in selection of programs, practices and strategies related to planning, implementing, and managing ESL and content instruction, including classroom, organization, teaching strategies for development and integrating language skills, and choosing and adapting classroom resources.

**AND** TELL 410 - Second Language Learning and Teaching

**Additional Comments:**

**Other Prerequisites**
OPI (Advanced-Mid), FBI fingerprint background clearance.

| Title | Tags |
|---|---|
| TELL 435 Course Outcomes | 178890, 1 |

**Learning Outcome**
The students will:

identify the historical and legal foundations of bilingual/dual-immersion education and relate these to specific requirements and procedures in Utah.
identify different models of bilingual/dual-immersion programs in relation to characteristics of effective instructional practices in a variety of content subjects.
identify and be able to articulate theories and philosophies of literacy development and language acquisition in a second language specific to teaching in bilingual/dual-immersion contexts.
implement techniques, strategies, and tasks related to the teaching of content literacy and language in bilingual or dual-immersion programs.
create meaningful lesson plans and activities that demonstrate appropriate decision making procedures to meet bilingual/dual-immersion educational program needs.

## TELL 442R - TESOL K-12 Practicum

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TELL | 442R |

**Teaching Area**
TELL
**Course Title**
TESOL K-12 Practicum
**Course Description**
Supervised practicum experience to help teacher candidates develop and demonstrate competence in teaching English Learners in an approved public school setting. Observation of students and teaching is stressed initially, with teacher candidate responsibility for teaching English Learners increasing across the experience.
**Department**
Teacher Education
**When Taught**

## TELL 445 - Content-Based Language Instruction in K-12 Dual-Language Immersion Settings

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TELL | 445 |

**Teaching Area**
TELL
**Course Title**
Content-Based Language Instruction in K-12 Dual-Language Immersion Settings
**Course Description**
Theory, method, and practical application for teaching language in content area subjects such as math, science, and social studies in K-12 dual language immersion classrooms. Research-based principles used for the creation of criteria and frameworks for curriculum that

All Semesters/Terms

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TELL 440 - Content-Based Language Instruction

**Additional Comments:**

**Other Prerequisites**
FBI fingerprint background clearance.
**Note**
Successful completion of this practicum is required for the TESOL K-12 teaching minor.

| Title | Tags |
|---|---|
| Learning Outcome | 178831, 1 |

**Learning Outcome**
Teacher Candidates demonstrate the knowledge and skills to construct, implement, and manage learning environments by using assessments, learning strategies and teaching methods that integrate language skills within content instruction and align with the Utah English Language Proficiency Standards (WIDA 2012) and the Utah Core Curriculum (USOE ESL Standards for Language/Linguistics and Instruction).

integrates content-based instruction and second language learning needs.
**Department**
Teacher Education
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TELL 435 - Language and Literacy Instruction in K-12 Dual Immersion Settings

**Additional Comments:**

**Other Prerequisites**
OPI (Advanced-Mid); PRAXIS II; FBI fingerprint background clearance.

| Title | Tags |
|---|---|
| TELL 445 Course Outcomes | 178891, 1 |

**Learning Outcome**

Identify both historical and contemporary movements and research concerning bilingual/dual-language immersion programs in the United States and internationally.
Identify different models of bilingual/dual-immersion programs in relation to characteristics of effective instructional practices and standard-based procedures in a variety of content subjects for bilingual/dual language immersion learners.

Identify and be able to articulate rationales for integrating the teaching of subject content matter and target language objectives in a variety of content-based approaches.
Create meaningful lesson plans and activities that demonstrate appropriate decision-making procedures to merge subject matter and target language to the identity needs of dual language immersion students in one-way and two-way settings.
Create and demonstrate an understanding of formative and summative assessments concerning the use of language to learn content and literacy
Demonstrate an understanding of language as a material carrier of meaning through case studies, lesson plans, and field experience. Implement contextualized and situational use of language components (including linguistic, cultural-historical content, and identity issues). Integrate technology and other tools for bilingual/dual-language immersion students.

## TELL 450 - Family, School, and Community Partnerships

### Course Information

**Teaching Area (new)**
TELL
**Course Number**
450
**Teaching Area**
TELL
**Course Title**
Family, School, and Community Partnerships
**Course Description**
Standards, principles, policies, and processes of partnering with parents, families, schools, and communities in fostering and sustaining the development of children and youth.
**Department**
Teacher Education
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2
**Fixed**
2

## TELL 478R - Dual-Language Immersion K-12 Student Teaching

### Course Information

**Teaching Area (new)**
TELL
**Course Number**
478R
**Teaching Area**
TELL
**Course Title**
Dual-Language Immersion K-12 Student Teaching
**Course Description**
Supervised, full-day experience to develop and demonstrate competence in teaching content in a foreign language in an approved public school setting. Observation is stressed initially, with responsibility for teaching increasing across the four-week experience.
**Department**
Teacher Education
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5
**Fixed**
4

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Recommended**
TELL 410

| Title | Tags |
| --- | --- |
| Family, School and Community Partnerships | 179090, 2 |

**Learning Outcome**

Teacher candidates will provide support and advocacy for English Learners (ELs) and their families and understand history, laws, and policies in order to optimize ESL teaching and work in partnerships with families and communities to create positive learning environments.

| Title | Tags |
| --- | --- |
| Role of Family and Community in Children's Development | 179091, 1 |

**Learning Outcome**
Teacher Candidates understand the role and contribution of family and community in the cognitive, linguistic and social development of students.

### Lecture Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TELL 435 - Language and Literacy Instruction in K-12 Dual Immersion Settings
  **AND** TELL 445 - Content-Based Language Instruction in K-12 Dual-Language Immersion Settings

**Additional Comments:**

**Other Prerequisites**
FBI fingerprint background clearance; Language teaching methods in the target language; Passing OPI at advanced-mid; Praxis II.

| Title | Tags |
| --- | --- |
| TELL 478R Course Outcomes | 178893, 1 |

**Learning Outcome**
Students who successfully complete this course will:

Successfully use formative assessment strategies for individual students to determine instructional level in the target language.
Determine comprehensible instructional input necessary for effective learning in a dual-immersion setting.
Successfully organize, plan, implement and evaluate a unit of instruction in their target language in a dual-immersion setting. The unit will align with the Utah State common core curriculum, provide accommodations or modification strategies required for individual students being instructed, and evaluate language and academic development.

## TELL 589R - Current Topics in English Language Learning

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TELL | 589R |

**Teaching Area**
TELL

## TELL 589R - Family, School, and Community Collaboration for English Language Learners

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TELL | 589R |

**Teaching Area**
TELL

**Course Title**
Current Topics in English Language Learning
**Course Description**
Topics vary.
**Department**
Teacher Education
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| diversity | 178806, 0 |

**Learning Outcome**
Candidates will explore special topics in teaching English Language Learners under the direction of a specific instructor.

**Course Title**
Family, School, and Community Collaboration for English Language Learners
**Course Description**
The role and contribution of families, schools, and communities in developing ELLs' developing knowledge, skills, and dispositions to collaborate in the support and advocacy of ELLs and their families.
**Department**
Teacher Education
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| diversity | 178785, 0 |

**Learning Outcome**
Candidates will explore special topics in teaching English Language Learners under the direction of a specific instructor.

| Title | Tags |
| --- | --- |
| Family, School, Community Collaboration | 178948, 1 |

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## TELL 589R - Assessment of English Language Learners K-12

### Course Information

**Teaching Area (new)**
TELL

**Course Number**
589R

**Teaching Area**
TELL

**Course Title**
Assessment of English Language Learners K-12

**Course Description**
Major concepts, principles, theories, and research relating to assessing English as a second language and English language learners (ELLs); using appropriate measurement tools in evaluating ELLs' performance in placement, proficiency, and instruction.

**Department**
Teacher Education

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Assessment of ELL's | 178945, 1 |

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## TELL 589R - Culture, Issues, and Policy for Educating English Language Learners

### Course Information

**Teaching Area (new)**
TELL

**Course Number**
589R

**Teaching Area**
TELL

**Course Title**
Culture, Issues, and Policy for Educating English Language Learners

**Course Description**
Major concepts, principles, and theories relating to educating English language learners; creating learning environments supporting educational progress and achievement.

**Department**
Teacher Education

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Culture, Issues, Policies for ELLs | 178947, 1 |

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## TELL 589R - Literacy Development for English Language Learners

### Course Information

**Teaching Area (new)**
TELL

**Course Number**
589R

**Teaching Area**
TELL

**Course Title**
Literacy Development for English Language Learners

**Course Description**
Major concepts, principles, theories, and research relating to developing literacy in English for ELLs in K-12 schools; creating learning environments that promote literacy development.

**Department**
Teacher Education

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Literacy for ELLs | 178944, 1 |

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## TELL 589R - Understanding Second Language Acquisition for K-12 Schools

### Course Information

**Teaching Area (new)**
TELL

**Course Number**
589R

**Teaching Area**
TELL

**Course Title**
Understanding Second Language Acquisition for K-12 Schools

**Course Description**
Major concepts, principles, theories, and research relating to acquisition of English as a second language; creating learning environments supporting the development of English proficiency.

**Department**
Teacher Education

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| SLA for K-12 schools | 178946, 1 |

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## TELL 589R - Content-Based Instruction for English Language Learners

### Course Information

**Teaching Area (new)**
TELL

**Course Number**
589R

**Teaching Area**
TELL

**Course Title**
Content-Based Instruction for English Language Learners

**Course Description**
Major concepts, principles, theories, and research relating to content-based instruction for ELLs; creating learning environments that support academic development of ELLs.

**Department**
Teacher Education

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
1

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| ELL Content Instruction | 178943, 1 |

**Learning Outcome**
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

## TES 112 - Innovation Bootcamp

### Course Information

**Teaching Area (new)**
TES

**Course Number**
112

**Teaching Area**
TES

**Course Title**
Innovation Bootcamp

**Course Description**
Through a series of hands-on experiences, students explore principles, methods, and tools of innovation and design thinking in technology and engineering.

**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
0

## TES 125 - Communication Technologies and Systems

### Course Information

**Teaching Area (new)**
TES

**Course Number**
125

## TES 200 - Processes and Prototyping with Wood

### Course Information

**Teaching Area (new)**
TES

**Course Number**
200

**Teaching Area**
TES
**Course Title**
Communication Technologies and Systems
**Course Description**
Use of, interaction with, and teaching about communication, technologies.
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

| Title | Tags |
|---|---|
| Course Outcomes - Level 2 | 181242, 0, 6 |

**Learning Outcome**

Historical Development: Introduce students to past communication technologies, with a focus on their development, usability, sustainability, evolution, and relative impact on: society, politics, economy, environment, and leisure.
Ethics: Help students develop an understanding of the ethical development and use of communication technologies.
User and Actor Skills: Help students develop the skills to not only be users, but actors in the positive development and evolution of society's Technology (Postman, 1999).
Tools and Services: Expose and train students in a broad range of communication technology tools and services (i.e., media authoring, desktop publishing, web authoring, HTML and CSS languages, Java and JavaScript, social media, Video and TV production, RSS and ATOM feeds and subscriptions, Vod and

**Teaching Area**
TES
**Course Title**
Processes and Prototyping with Wood
**Course Description**
Processes for and prototyping with wood and wood-based composites.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Fee**
Variable
**Note**
Fee.

| Title | Tags |
|---|---|
| TEE 200 Course Outcomes - Level 2 | 181348, 1 |

**Learning Outcome**

Students will be able to visualize how components are joined and how to communicate this through drawings and specifications.
Students will understand the properties of wood as a material and how these properties impact design of projects using wood and wood products.
Students will select and use subtractive processes in prototype construction: sawing, shaping, milling, turning, routing, etc.
Students will select and use additive processes in prototype construction: joining, laminating, fastening, etc.
Students will be able to identify, and use hand tools including tools for measuring, layout, sawing, planing, scraping, shaping, clamping, drilling, driving, and sharpening.

podcasting, digital photography (techniques, tools, storage), computer hardware and networking issues, GPS technologies, and 3D modeling.
Technology Assessment: Throughout this semester students will be asked to collect, implement, and assess the relative value of various contemporary technologies, and will be asked to discuss if and how the technologies should be used in classrooms and in the world.

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 1 | 181337, 0, 5 |

Learning Outcome
UETS Standard 4: Content Knowledge
UETS Standard 7: Instructional Strategies
UETS Standard 6: Instructional Planning
UETS Standard 8: Professional Growth/Reflection
STEL CDS Standard 1. Students will develop an understanding of the nature and characteristics of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 2. Students will develop an understanding of the core concepts of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 3. Students will develop an understanding of the Integration of Knowledge, Technologies, and Practices (as it pertains to communication technologies).
STELCDS Standard 4: Students will develop an understanding Impacts of Technology (as it pertains to communication technologies).
STEL CDS Standard 5: Students will develop an understanding Influence of Society on Technological Development (as it pertains to communication technologies).
STEL CDS Standard 6: Students will develop an understanding History of Technology (as it pertains to communication technologies).
STEL CDS Standard 7: Students will develop an understanding Design in

Students will be able to accurately set-up and safely use woodworking machinery including the jointer, surface planer, table saw, panel saw, radial arm saw, power miter saw, bandsaw, thickness sander, mortiser, boring machine, lathe, and drill press.
Students will have experience with the use of electric, pneumatic, and cordless power hand tools including routers, drills, and sanders.
Students will be able to apply methods of clamping, gluing, and assembly, sanding, and finishing.
Students will experience practical problem solving in working with industrial materials, tools, and machines.
Students will experience the importance of caring, hard work, planning, initiative, and patience, in making a project that is well designed, includes quality workmanship, and is nicely finished.
Students will learn concepts and methods of teaching safe use of woodworking equipment.
Students will be able to apply basic machine and hand tool maintenance.

| Title | Tags |
| --- | --- |
| TEE 200 Course Outcomes - Level 1 | 181347, 0, 0 |

Learning Outcome
STEL CDS Standard 1. Students will develop an understanding of the nature and characteristics of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 2. Students will develop an understanding of the core concepts of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 3. Students will develop an understanding of the Integration of Knowledge, Technologies, and Practices (as it pertains to communication technologies).
STELCDS Standard 4: Students will develop an understanding Impacts of Technology (as it pertains to

Technology and Engineering Education (as it pertains to communication technologies).
STEL CDS Standard 8: Students will develop an understanding Applying, Maintaining, and Assessing Technological Products and Systems (as it pertains to communication technologies).
STEL TEP Standards 1 - 8: 1. Systems Thinking 2. Creativity 3. Making and Doing 4. Critical Thinking 5. Optimism 6. Collaboration 7. Communication 8. Attention to Ethics (as they pertain to communication technologies).
STEL TEC Standards 5: Information and Communication.

communication technologies).
STEL CDS Standard 5: Students will develop an understanding Influence of Society on Technological Development (as it pertains to communication technologies).
STEL CDS Standard 6: Students will develop an understanding History of Technology (as it pertains to communication technologies).
STEL CDS Standard 7: Students will develop an understanding Design in Technology and Engineering Education (as it pertains to material conversion and processing (TEC Standard 2)).
STEL CDS Standard 8: Students will develop an understanding Applying, Maintaining, and Assessing Technological Products and Systems (as it pertains to material conversion and processing (TEC Standard 2)).
STEL TEP Standards 1 - 8: 1. Systems Thinking 2. Creativity 3. Making and Doing 4. Critical Thinking 5. Optimism 6. Collaboration 7. Communication 8. Attention to Ethics (as it pertains to material conversion and processing (TEC Standard 2)).

STEL TEC Standards 2: Material Conversion and Processing

## TES 210 - Coding for Technology and Engineering Educators

### Course Information

**Teaching Area (new)**
TES
**Course Number**
210
**Teaching Area**
TES
**Course Title**
Coding for Technology and Engineering Educators
**Course Description**
Students will become familiar with and be able to use various coding languages needed to teach middle and high school technology and engineering courses.
**When Taught**
Fall

### Credit Hours

**Min**
3

## TES 225 - Electronics for Technology and Engineering Teachers

### Course Information

**Teaching Area (new)**
TES
**Course Number**
225
**Teaching Area**
TES
**Course Title**
Electronics for Technology and Engineering Teachers
**Course Description**
Teaching electronic, construction, and transportation systems.
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Overview | 214682, 0, 1 |

Learning Outcome

This course is designed to give you and introduction to programming and give you some basic skills and knowledge with the Python programming language and front end web development using HTML, CSS, and Javascript. This course will help you get a jump into the world of programming and give you a basic knowledge you need to move further into computer science. For those on the teaching track, we will cover some basic principles and structures that you would use in a begin programming or web development class.

| Title | Tags |
| --- | --- |
| Outcomes | 214683, 0, 2 |

Learning Outcome

**Web Development**

We will review HTML, CSS and Javascript structure and create a portfolio website using mobile first design and development. You will want to have images and/or video available to add to your website from other TES courses you have taken. This is a chance to show off what you have done. We will also learn to use libraries such as Bootstrap and JQuery to enhance our websites.

While both Python and HTML are considered coding, they differ in the way they are implemented

3

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
4

| Title | Tags |
| --- | --- |
| Course Outcomes Level 1 | 206897, 0, 0 |

Learning Outcome
Utah Effective Teaching Standards
UETS STANDARD 4- Content Knowledge: The teacher understands the central concepts, tools of inquiry, and structure of the discipline.
Standards for Engineering and Technological Literacy
STEL 5: Influence of Society on Technological Development
5F. Analyze how an invention or innovation was influenced by its historical context.
5H. Evaluate a technological innovation that arose from a specific society's unique need or want.
STEL 6: History of Technology
6C. Compare various technologies and how they have contributed to human progress.
6F. Relate how technological development has been evolutionary, often the result of a series of refinements to basic inventions or technological knowledge.
6G. Verify that the evolution of civilization has been directly affected by, and has in turn affected, the development and use of tools, materials and processes.
6H. Evaluate how technology has been a powerful force in reshaping the social, cultural, political, and economic landscapes throughout history.
Technology and Engineering Practices
TEP-1: Systems Thinking

Designs and troubleshoots technological systems in ways that consider the multiple components of the system

the way they are implemented and their uses. Therefore, we will spend the first half on python with a midterm test at the end of this module and the second half on HTML with a final at the end of that unit.

**Python**

We will learn some basic constructs of all programming languages using the Python language. These include variables, functions, libraries and classes. Class time will consist of half lecture and half lab work. You will be given programming assignments that be will written and tested in Repl. You may use each other and the internet as resources for help with construct and syntax, but your solutions should come from you.

components of the system

TEP-2: Creativity

Exhibits innovative and original ideas in the context of design-based activities
Elaborates and articulates novel ideas and aesthetics

TEP-3: Making and Doing

Exhibits safe, effective ways of producing technological products, systems, and processes
Demonstrates the ability to regulate and improve making and doing skills

TEP-4: Critical Thinking

Defends technological decisions based on evidence
Uses evidence to better understand and solve problems in technology and engineering, including applying computational thinking

Technology and Engineering contexts
TEC-4: Energy and Power
TEC-5: Information and Communication

**Title**
Course Outcomes - Level 2

**Tags**
181180, 0, 6

**Learning Outcome**
Course Outcomes - Level 2

Students will be able to describe the basic electronic concepts of voltage, amperage, resistance & power.
Students will be able to use Ohm's and Watt's law to perform basic calculations in an electronic circuit.
Students will be able to describe how voltage, amperage, power & resistance behave in series and parallel circuits and be able to calculate unknown quantities in a circuit.
Students will be able to use a power supply, breadboard, basic components, and a digital multi-meter to build, test and troubleshoot basic electronic circuits.
Students will be able to use a digital multi-meter, oscilloscope

digital multi-meter, oscilloscope and digital logic probe to test, troubleshoot and repair faulty circuits.
Students will be able to identify basic electronics components and describe the function of each component.
Students will be able to identify and draw the basic schematic symbols used to represent electronics components in a circuit.
Students will be able to use appropriate materials and equipment (including simulation software, CNC Mill, soldering iron) to design and build a working electronic circuit that is a solution to a technological problem and/or need.
Students will be able to successfully calculate unknown quantities and complete labs associated with magnetism, electromagnetic induction, capacitors, semiconductors, transformers and alternating current.
Based on a set of given inputs and desired outputs, students will be able to design a digital electronic circuit as a solution to a technological problem or need.
Students will be able to collect technical data and to apply appropriate math and science knowledge to see the connections between technology and other fields of study.
Students will be able to describe historical examples of discoveries, experiments, innovations and inventions related to electronics communications technology and be able to provide examples of technology transfer and how these technologies affected past and current society.

## TES 229 - Processes and Manufacturing with Metals and Polymers

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TES | 229 |

**Teaching Area**
TES
**Course Title**
Processes and Manufacturing with Metals and Polymers

## TES 251 - Video and Photography Production

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TES | 251 |

**Teaching Area**
TES
**Course Title**
Video and Photography Production

**Course Description**
Processes for and manufacturing with metals and polymers.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TES 200 - Processes and Prototyping with Wood

**Additional Comments:**

**Other Prerequisites**
or concurrent enrollment.
**Fee**
Variable
**Note**
Fee.

| Title | Tags |
| --- | --- |
| TEE 229 Course Outcomes - Level 2, Polymers Unit | 181350, 2 |

**Learning Outcome**
Student will be able to:
1. Use an existing object to make a silicone mold for casting multiple identical objects.
2. Cast duplicate polyurethane objects in a silicone mold.
3. Vacuum form a sheet of plastic to a desired shape.
4. Lay-up a fiberglass mold to be used for casting a urethane foam object.
5. Cast a urethane (Nerf) foam object in a fiberglass mold.
6. Produce a polymer/wood composite.
7. Use a 3D printer to create a

**Course Description**
Teaching video and photography to inspire, communicate, and develop creativity. Fundamentals include planning, storyboarding, camera techniques, composition, assembling, and editing video and photo projects.
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Fee**
15
**Note**
Fee.

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 2 | 181288, 0 |

**Learning Outcome**

Provide students an opportunity to gain an understanding of the technical, creative, and cultural, political, economic, and environmental impact of photography, television and film/video media.

Expose and train students in contemporary video, film, TV, and photography pre-production, production, and post-production techniques.

Expose and train students to effectively use contemporary video, film, TV, and photography tools (i.e., Final Cut Pro, DVD Studio, Studio Code, Adobe Creative Suite, Camera Switcher, HD Video, digital SLR cameras, Celtix [script writing], lighting and audio recording equipment, and so forth).
Teach students the primary

simple ABS prototype of an object.
8. Describe qualities of polymers as they pertain to design and polymer fabrication.
9. Understand the fundamental safety procedures and protocol associated to the various manufacturing and fabrication processes associated to the different polymer domains.
10. Evaluate the economic and environmental issues associated with the different polymers and their related manufacturing processes.

**Title**
TEE 229 Course Outcomes - Level 2, Metals Unit

**Tags**
181351, 3

**Learning Outcome**
Students will be able to:
1. Describe classifications, properties and characteristics of many different metals.
2. Identify and understand the different types of information indicated on a drawing.
3. Apply safe work habits when operating tools and equipment.
4. Accurately measure with and read a ruler, venier calipers, and various gauges.
5. Use tools to make a layout for a project.
6. Identify, select, and safely use basic hand tools in metalworking.
7. Identify and correctly use several types of metal fasteners.
8. Cut, bend and make a sheet metal project using several different tools.
9. Demonstrate the soldering and brazing process.
10. Demonstrate how to use an oxy-acetylene torch to cut metal.
11. Correctly use various tools to make a bench metal project.
12. Correctly select the rod and adjust arc welding equipment.
13. Correctly setup and adjust the current and feed rate for a MIG welder.
14. Use a MIG welder to strike an arc, run a bead, and make a butt and lap joint to given specifications.
15. Correctly use a metal lathe to make a specified project.
16. Correctly use a CNC mill to make a specified project.

elements of photography and TV/Film production, which are:

1. Principles of audio, including micing techniques and handling of common audio problems.
2. Camera placement and operations, including a basic understanding of camera color balancing and various important framing techniques.
3. Lighting techniques, including existing light, bounced light and three-point lighting.
4. Technical and production differences between standard definition (SDTV) and HDTV/DTV production.
5. Elements of effective visual composition.
6. Editing techniques: assembly and insert, on-line and off-line, linear and random access, and the use of time-code.
7. A general understanding of the pre-production, production, and post-production stages for both TV and film, including associated audio and video equipment.

**Title**
TEE 229 Course Outcomes - Level 2, Manufacturing and Free Enterprise Unit

**Tags**
181352, 3

**Learning Outcome**
Students will be able to work within an organization to:
1. Conduct market research for product selection.
2. Develop design drawings and engineering drawings.
3. Design and use jigs and fixtures in producing a finished product.
4. Develop a manufacturing system and produce multiples of a product.
5. Set up and conduct a manufacturing pilot run and production run.
6. Establish methods for quality control in manufacturing.
7. Organize a manufacturing enterprise.
8. Keep records relative to finances, labor, and material purchase and use.
9. Develop practices and attitudes for safe use of equipment and tools.

Students will understand:
1. Historical aspects and impacts of manufacturing.
2. Principles of manufacturing including material flow, converting raw materials and standard stock into finished products, economy of motion and material use, interchangeability of parts, product design for manufacture, and tasks involved in manufacturing a finished product.
3. Principles of free enterprise including types of ownership, product selection and design, marketing techniques, corporate structure in manufacturing, and record keeping.

**Title**
TEE 229 Course Outcomes - Level 1

**Tags**
181349, 0, 1

**Learning Outcome**
STEL CDS Standard 1. Students will develop an understanding of the nature and characteristics of technology and engineering (as it pertains to communication technologies).

STEL CDS Standard 2. Students will develop an understanding of the core concepts of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 3. Students will develop an understanding of the Integration of Knowledge, Technologies, and Practices (as it pertains to communication technologies).
STELCDS Standard 4: Students will develop an understanding Impacts of Technology (as it pertains to communication technologies).
STEL CDS Standard 5: Students will develop an understanding Influence of Society on Technological Development (as it pertains to communication technologies).
STEL CDS Standard 6: Students will develop an understanding History of Technology (as it pertains to communication technologies).
STEL CDS Standard 7: Students will develop an understanding Design in Technology and Engineering Education (as it pertains to material conversion and processing (TEC Standard 2)).
STEL CDS Standard 8: Students will develop an understanding Applying, Maintaining, and Assessing Technological Products and Systems (as it pertains to material conversion and processing (TEC Standard 2)).
STEL TEP Standards 1 - 8: 1. Systems Thinking 2. Creativity 3. Making and Doing 4. Critical Thinking 5. Optimism 6. Collaboration 7. Communication 8. Attention to Ethics (as it pertains to material conversion and processing (TEC Standard 2)).

STEL TEC Standards 2: Material Conversion and Processing

## TES 255 - Visual Communication Design

### Course Information

**Teaching Area (new)**
TES

**Course Number**
255

**Teaching Area**
TES

## TES 276A - Exploration of Teaching A

### Course Information

**Teaching Area (new)**
TES

**Course Number**
276A

**Teaching Area**
TES

**Course Title**
Visual Communication Design
**Course Description**
Teaching visual design principles and processes through digital and print media.
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TES 125 - Communication Technologies and Systems

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags |
|---|---|
| Basic Skills | 181095, 2 |

**Learning Outcome**
Provide an opportunity to learn the basics of graphic design.

| Title | Tags |
|---|---|
| Teacher Preparation | 181187, 1 |

**Learning Outcome**
Prepare you to teach communications technology, graphic design, and web design.

| Title | Tags |
|---|---|
| Profession | 181248, 3 |

**Learning Outcome**

**Course Title**
Exploration of Teaching A
**Course Description**
Lecture series directed at helping prospective teachers understand demands and opportunities associated with teaching secondary students.
**When Taught**
Fall

### Credit Hours

**Min**
3.5

**Fixed**
3.5

**Other Prerequisites**
Concurrent enrollment with TES 276B.

| Title | Tags |
|---|---|
| Introduction | 181345, 1 |

**Learning Outcome**
Educator Preparation Program Outcomes
This course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This course will help you fulfill the EPP Outcomes required for accreditation. Advisors in Education Student Services (350 MCKB / 801-422-3426) can answer questions you have about the licensure requirements (http://education.byu.edu/ess/licensing.html) for your teaching major or minor. As students progress through the Technology and Engineering teacher education program, they should gain knowledge, dispositions and skills that will enable them to become effective teachers. The standards that encompass the knowledge, dispositions and skills that teachers should have are known as the UETS standards and can be found on the TEE Outcomes webpage. The following UETS standards will be addressed in this class (TEE 276).

| Title | Tags |
|---|---|
| Course Outcomes - Levels 1 and 2 | 181340, 0, 2 |

**Learning Outcome**
Course Outcomes - Level 1 (Listed as STEL and UETS); Course Outcomes - Level 2 (Listed in the table and below as objectives and how assignments meet level 1

Introduce you to the visual communications profession and professional literature.

| Title | Tags |
| --- | --- |
| Application | 181264, 4 |

**Learning Outcome**
Gain competency in applying the design principles in both print and web mediums.

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 2 | 181339, 6 |

**Learning Outcome**

Students will prepare to teach communication technology - specifically graphic design in print and web formats. To accomplish this students will first learn the primary and fundamental theories of design, and develop associated skills and understanding by completing a variety of projects, including but not limited to: user experience designs for a variety of web applications, print designs in the form of advertisements and identity design. Second, students will design instructional ideas for use in both industry and educational settings (i.e., lesson and unit plans), which they will have evaluated by peers, instructor, and through application (i.e., they will teach their lesson plan(s) in an educational setting).
Students will be introduced to the visual communication profession and associated professional literature. Field trips, readings, and client work will be the primary methods of meeting these criteria.
Students will gain competency in applying the design principles in both print and web mediums. As note above the course assignments will provide the means for accomplishing this outcome. In addition, peer evaluations, and student presentations will help accomplish this outcome.

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 1 | 181338, 0, 5 |

criteria).
Upon completion of this course students will:
Identify and demonstrate characteristics of an effective teacher, including:

Positive expectations
Classroom management
Lesson preparation
A knowledge of one's own strengths and weaknesses
Participate in clinical field experience to observe and to engage in meaningful education practices.
Research and present supplementary educational research materials.
Demonstrate an understanding of current issues facing public schools.
Reflect in writing, discussion, and assignment the effective teacher model and how it is reinforced through public school observation and experience.
Evaluate and assess one's own commitments and practices relative to teaching and learning with frequent reflections on teaching practices.

A description of how these will be met are outlined in the table below:

Course Objectives

UETS Standard (Utah Effective Teaching Standards)

Assignment

Assessment

Student will become aware of the UETS Standards and will select and reflect about course assignments using these standards.

All

| Learning Outcome | |
|---|---|
| UETS Standard 4: Content Knowledge<br>UETS Standard 7: Instructional Strategies<br>UETS Standard 6: Instructional Planning<br>UETS Standard 8: Professional Growth/Reflection<br>STEL CDS Standard 1. Students will develop an understanding of the nature and characteristics of technology and engineering (as it pertains to communication technologies).<br>STEL CDS Standard 2. Students will develop an understanding of the core concepts of technology and engineering (as it pertains to communication technologies).<br>STEL CDS Standard 3. Students will develop an understanding of the Integration of Knowledge, Technologies, and Practices (as it pertains to communication technologies).<br>STELCDS Standard 4: Students will develop an understanding Impacts of Technology (as it pertains to communication technologies).<br>STEL CDS Standard 5: Students will develop an understanding Influence of Society on Technological Development (as it pertains to communication technologies).<br>STEL CDS Standard 6: Students will develop an understanding History of Technology (as it pertains to communication technologies).<br>STEL CDS Standard 7: Students will develop an understanding Design in Technology and Engineering Education (as it pertains to communication technologies).<br>STEL CDS Standard 8: Students will develop an understanding Applying, Maintaining, and Assessing Technological Products and Systems (as it pertains to communication technologies).<br>STEL TEP Standards 1 - 8: 1. Systems Thinking 2. Creativity 3. Making and Doing 4. Critical Thinking 5. Optimism 6. Collaboration 7. Communication 8. Attention to Ethics (as they pertain to communication technologies).<br>STEL TEC Standards 5: Information and | School Observations<br>Final<br><br>Checklist<br>Rubric<br><br>Student will become aware of the State Core Requirements in their content area and will connect lessons to the core.<br><br>1, 6<br><br>School Observations<br>PPAT 2<br>Inquiry Lesson Plan<br><br>Checklist<br>Rubric<br>Rubric<br><br>Student will discuss complex issues that relate to their content area and the public purposes of education including the Moral Dimensions of Education (Goodlad).<br><br>1, 4, 9<br><br>PPAT 1-4<br>Final<br><br>Rubric<br>Rubric<br><br>Student will experience the cultural of the school he/she visits and will consider his/her personal disposition to teach.<br><br>1, 4, 9 |

| | | |
|---|---|---|
| Communication. | School Observation<br>Field Experience Demographics Form<br><br>Checklist<br>Checklist | |
| | Student will understand that teachers design instruction for specific learning goals, students' characteristics and needs, and learning contexts. | |
| | 1, 2, 4, 9 | |
| | School Observation<br>PPAT 3-4<br>Inquiry Lesson Plan<br><br>Checklist<br>Rubric | |
| | Students will experience teachers using on-going analysis of student learning to make instructional decisions. | |
| | 6, 7, 8, 9 | |
| | School Observations<br><br>Checklist | |
| | Students will be able to access professional resources including websites, organizations, conferences, etc., that are available for their professional development. | |
| | 8, 9 | |
| | PPAT 4 | |

Rubric

Students will articulate their motivation, strengths, and weaknesses for becoming a teacher.

8

Final

Rubric

Students will learn and practice the Standards for Technological & Engineering Literacy (8).

All

In-class peer teaching
Final Exam

## TES 276B - Exploration of Teaching B

### Course Information

**Teaching Area (new)**
TES
**Course Number**
276B
**Teaching Area**
TES
**Course Title**
Exploration of Teaching B
**Course Description**
Field-based initial experience directed at helping prospective teachers understand demands and opportunities associated with teaching secondary students.
**When Taught**
Fall

### Credit Hours

**Min**
0.5

## TES 291R - Undergraduate Seminar

### Course Information

**Teaching Area (new)**
TES
**Course Number**
291R
**Teaching Area**
TES
**Course Title**
Undergraduate Seminar
**Course Description**
Student leadership training, including organization and operation of student technology education clubs. College Lecture attendance required. Separate program sections.
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
0.5

**Other Prerequisites**
FBI fingerprint and background clearance; concurrent enrollment with TES 276A.

| Title | Tags |
| --- | --- |
| Introduction | 181346, 1 |

**Learning Outcome**
Educator Preparation Program Outcomes
This course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This course will help you fulfill the EPP Outcomes required for accreditation. Advisors in Education Student Services (350 MCKB / 801-422-3426) can answer questions you have about the licensure requirements (http://education.byu.edu/ess/licensing.html) for your teaching major or minor.
As students progress through the Technology and Engineering teacher education program, they should gain knowledge, dispositions and skills that will enable them to become effective teachers. The standards that encompass the knowledge, dispositions and skills that teachers should have are known as the UETS standards and can be found on the TEE Outcomes webpage. The following UETS standards will be addressed in this class (TEE 276).

| Title | Tags |
| --- | --- |
| Course Outcomes | 181341, 0, 2 |

**Learning Outcome**
Course Outcomes - Level 1 (Listed as STEL and UETS); Course Outcomes - Level 2 (Listed in the table and below as objectives and how assignments meet level 1 criteria).
Upon completion of this course students will:
Identify and demonstrate characteristics of an effective teacher, including:

Positive expectations
Classroom management
Lesson preparation
A knowledge of one's own strengths and weaknesses
Participate in clinical field

**Fixed**
0.5

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Note**
Required each semester for undergraduate majors not enrolled in TES 391R or 491R.

| | | |
|---|---|---|
| experience to observe and to engage in meaningful education practices.<br>Research and present supplementary educational research materials.<br>Demonstrate an understanding of current issues facing public schools.<br>Reflect in writing, discussion, and assignment the effective teacher model and how it is reinforced through public school observation and experience.<br>Evaluate and assess one's own commitments and practices relative to teaching and learning with frequent reflections on teaching practices.<br><br>A description of how these will be met are outlined in the table below: | | |
| Course Objectives | | |
| UETS Standard (Utah Effective Teaching Standards) | | |
| Assignment | | |
| Assessment | | |
| Student will become aware of the UETS Standards and will select and reflect about course assignments using these standards. | | |
| All | | |
| School Observations<br>Final | | |
| Checklist<br>Rubric | | |

| | | |
|---|---|---|
| Student will become aware of the State Core Requirements in their content area and will connect lessons to the core. | 1, 6 | School Observations<br>PPAT 2<br>Inquiry Lesson Plan |
| | | Checklist<br>Rubric<br>Rubric |
| Student will discuss complex issues that relate to their content area and the public purposes of education including the Moral Dimensions of Education (Goodlad). | 1, 4, 9 | PPAT 1-4<br>Final |
| | | Rubric<br>Rubric |
| Student will experience the cultural of the school he/she visits and will consider his/her personal disposition to teach. | 1, 4, 9 | School Observation<br>Field Experience Demographics Form |
| | | Checklist<br>Checklist |
| Student will understand that teachers design instruction for | | |

| | |
|---|---|
| specific learning goals, students' characteristics and needs, and learning contexts. | |
| 1, 2, 4, 9 | |
| School Observation<br>PPAT 3-4<br>Inquiry Lesson Plan | |
| Checklist<br>Rubric | |
| Students will experience teachers using on-going analysis of student learning to make instructional decisions. | |
| 6, 7, 8, 9 | |
| School Observations | |
| Checklist | |
| Students will be able to access professional resources including websites, organizations, conferences, etc., that are available for their professional development. | |
| 8, 9 | |
| PPAT 4 | |
| Rubric | |
| Students will articulate their motivation, strengths, and weaknesses for becoming a teacher. | |

8

Final

Rubric

Students will learn and practice the Standards for Technological & Engineering Literacy (8).

All

In-class peer teaching
Final Exam

## TES 320 - Creative Engineering and Problem Solving I

### Course Information

**Teaching Area (new)**
TES

**Course Number**
320

**Teaching Area**
TES

**Course Title**
Creative Engineering and Problem Solving I

**Course Description**
This course is a hands-on experience centered on preparing students to teach middle school Technology & Engineering Education courses. During this course, students will be exposed to a wide breadth of topics, assignments, teaching styles, and activities within Technology & Engineering Education. Students will explore different pedagogical approaches in the context of career and technology education employment clusters and engage in iterative design, build, automate, test, and refine cycles (e.g., engineering design process)

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## TES 330 - Creative Engineering and Problem Solving II

### Course Information

**Teaching Area (new)**
TES

**Course Number**
330

**Teaching Area**
TES

**Course Title**
Creative Engineering and Problem Solving II

**Course Description**
Designing solutions to technological problems using innovation, creativity, experimentation, problem solving, and engineering design. Manufacturing systems; teaching methods and prototype development.

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

Fixed
2

### Lab Hours

Fixed
4

Title
Course Outcomes Level 1

Tags
214646, 0, 1

Learning Outcome

## Utah Effective Teaching Standards

**UETS STANDARD 4- Content Knowledge:** The teacher understands the central concepts, tools of inquiry, and structure of the discipline.

## Standards for Engineering and Technological Literacy

**STEL 1 Nature andCharacteristics ofTechnology andEngineering**

1J. Develop innovative products and systems that solve problems and extend capabilities based on individual or collective needs and wants.

1K. Compare and contrast the contributions of science, engineering, mathematics and technology in the development of technological systems.

1L. Explain how technology and engineering are closely linked to creativity, which can result in both intended and unintended innovations.

1M. Apply creative problem-solving strategies to the improvement of existing devices or processes or the development of new approaches.

### Lab Hours

Fixed
4

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- TES 210 - Coding for Technology and Engineering Educators

Prerequisites

**Complete ALL of the following Courses:**

- C S 142 - Introduction to Computer Programming

**Additional Comments:**

Note
Two sets of standards guide the outcomes of TES 330: 1)\tUtah Effective Teaching Standards: UETS STANDARD 4- Content Knowledge. 2)\tStandards for Technological and Engineering Literacy (STEL - 2020):

1N. Explain how the world around them guides technological development and engineering design.

1O. Assess how similarities and differences among scientific, mathematics, engineering, and technological knowledge and skills contributed to the design of a product or system.

1P. Analyze the rate of technological development and predict future diffusion and adoption of new technologies.

1R. Develop a plan that incorporates knowledge from science, methematics, and other disciplines to design and improve a technological product or system.

**STEL 2 Core Concepts of Technology and Engineering**

2M. Differentiate between inputs, processes, outputs, and feedback in technological systems.

2O. Create an open-loop system that has no feedback path and requires human intervention.

2P. Create a closed-loop system that has a feedback path and requires no human intervention.

2Q. Predict outcomes of a future product or system at the beginning of the design process.

2S. Defend decisions related to a design problem.

2V. Analyze the stability of a technological system and how it is influenced by all of the components in the system, especially those in the feedback loop.

2W. Select resources that involve tradeoffs between competitng values, such as availability, cost,

desiribility and waste while solving problems.

2X. Cite examples of the criteria and constraints of a product or system and how they affect final design.

2Y. Implemt quality control as a planned process to ensure that a product, service, or system meets established criteria.

**STEL 4 Impacts of Technology**

4K. Examine the ways that technology can have both positive and negative effects at the same time.

4L. Analyze how the creation and use of technologies consumes renewable and non-renewable resources and creates waste.

4M. Devise strategies for devising, reusing, and recycling waste caused from the creation and use of technology.

4P. Evaluate ways that technology can impact individuals, society, and the environment.

4Q. Critique whether existing or proposed technologies use resources sustainably.

***STEL 5: Influence of Society on Technological Development***

**5F.** Analyze how an invention or innovation was influenced by its historical context.

**5G.** Evaluate trade-offs based on vrious perspectives as part of a decision process that recognizes the need for careful comprimises among competing factors.

***STEL 6: History of Technology***

**6C.** Compare various technologies and how they have contributed to human progress.

6D. Engage in a research and development process to simulate how inventions and innovations have evolved through systematic tests and refinements.

**6F.** Relate how technological development has been evolutionary, often the result of a series of refinements to basic inventions or technological knowledge.

**6G.** Verify that the evolution of civilization has been directly affected by, and has in turn affected, the development and use of tools, materials and processes.

**6H.** Evaluate how technology has been a powerful force in reshaping the social, cultural, political, and economic landscapes throughout history.

**STEL 7 Design in Technology and Engineering Education**

7Q. Apply thre technological design process.

7R. Refine design solutions to address criteria and constraints.

7S. Create solutions to problems by identifying human factors in design.

7T. Assess design quality based upon established principles and elements of design.

7U. Evaluate the strengths and weaknesses of fifferent design solutions.

7V. Improve essential skills necessary to successfully design.

7X. Document trade-offs in the

technology and engineering process to produce optimal design.

7Y. Optimize a design by addressing desired qualities within criteria and constraints.

7BB. Implement the best possible solution to a design.

7CC. Apply a broad range of design skills to their design process.

7DD. Apply a broad range of making skills to their design process.

**STEL 8 Applying, Maintaining, and Assessing Technological Products and Systems**

8J. Use devices to control technological systems

*k. Design methods to gather data about technological systems

8L. Interpret the accuracy of information collected

8M. Use instruments to gather data on the performance of everyday products.

## Technology and Engineering Practices

**TEP-1: Systems Thinking**

- Designs and troubleshoots technological systems in ways that consider the multiple components of the system

**TEP-2: Creativity**

- Exhibits innovative and original ideas in the context of design-based activities
- Elaborates and articulates novel ideas and aesthetics

**TEP-3: Making and Doing**

- Exhibits safe, effective ways of producing technological products, systems, and processes
- Demonstrates the ability to regulate and improve making and doing skills

**TEP-4: Critical Thinking**

- Defends technological decisions based on evidence
- Uses evidence to better understand and solve problems in technology and engineering, including applying computational thinking

## Technology and Engineering contexts

**TEC-4:** Energy and Power

**TEC-5:** Information and Communication

| Title | Tags |
| --- | --- |
| Course Outcomes Level 2 | 214647, 0, 2 |

Learning Outcome

## Course Outcomes - Level 2

1. Students will incorporate the concepts of group goals, individual accountability, group processing and practice interpersonal and small group skills in order to work cooperatively in a group engineering design project.
2. Students will incorporate various systems (e.g., electronic, mechanical, hydraulic, pneumatic, thermal) as they use the engineering design process to design an invention, innovation or solution to a design problem.
3. Students will know the steps of the engineering design process and then document and apply this process in building a solution to a design activity.
4. Students will use the steps of the engineering design process to innovate a new design solution to a common household item.
5. Students will create an operations manual (design portfolio) which includes a self-evaluation, peer evaluation, sketches made during the ideation stage, problem-solving log, copy of the computer program and final drawing of the engineering design project.
6. As a group, students will verbally and visually present their design portfolio to the rest of the class.
7. During the engineering design process, students will identify the constraints and limitations of the design problem, consider trade-offs, and then design, build a prototype, test, optimize and troubleshoot a design

solution to a problem.

8. Students will collect technical data and then apply math and science knowledge in contextual setting.

9. Students will learn the basics of computer control systems, including, inputs, outputs, and feedback loops; and be able to design, build and program a microprocessor-driven system to drive a specific set of output devices based upon inputs to the system from various sensors and feedback mechanisms.

10. Students will build and program a robot as a solution to a given problem.

11. Students will know the basics of radio control devices and then use these principles to design a solution to a problem.

12. Students will identify a variety of engineering related curriculum resources that are currently available for them to use in their future classrooms.

## TES 340 - Principles of Technology and Engineering

### Course Information

**Teaching Area (new)**
TES
**Course Number**
340
**Teaching Area**
TES
**Course Title**
Principles of Technology and Engineering
**Course Description**
Teaching technology and engineering concepts in education. Developing problem-solving skills by tackling technological and engineering problems.
**When Taught**
Fall

### Credit Hours

**Min**
3

## TES 350 - Multimedia Authoring and Publishing

### Course Information

**Teaching Area (new)**
TES
**Course Number**
350
**Teaching Area**
TES
**Course Title**
Multimedia Authoring and Publishing
**Course Description**
Developing advanced media authoring skills for teaching interactive design. Solving real-world interactive design problems for the World Wide Web, CD-ROM, and DVD-ROM in an entrepreneurial environment.
**When Taught**
Spring Term

### Credit Hours

**Min**

Fixed
3

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
4

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 2 | 181068, 1 |

Learning Outcome
Students will understand and be able to differentiate between the concepts of force, work, energy and power in mechanical, fluid, electrical and thermal systems.Students will be able to perform calculations to determine the amount of work, energy or power of various mechanical, fluid, electrical or thermal systems. Students will know and be able to use the engineering design cycle to design a prototype of a solution to a power, energy and/or transportation problem.Students will be able to identify, describe, and perform basic calculations for simple machines (e.g. levers, gears, pulleys, hydraulic systems).Students will be able to use equipment and materials to perform basic power and energy experiments.Students will understand basic terminology related to construction technologies and be able to identify and describe the basic components of a structure.Students will know how to use tools and equipment to process various materials in order to design, build and test a structure as a solution to a technological problem.Students will be able to use simulation software to design, build and test a structure as a solution to a technological problem.

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 1 | 181204, 0, 0 |

3

Fixed
3

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
4

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TES 125 - Communication Technologies and Systems

**Additional Comments:**

Other Prerequisites
or instructor's consent.

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 1 | 181085, 0 |

Learning Outcome
Each candidate possesses a knowledge of and an ability to implement a contemporary technology and engineering education program based on all 20 of the Standards for Technological Literacy developed by the International Technology and Engineering Educators Association (ITEEA).

| Learning Outcome |
| --- |
| Utah Effective Teaching Standards |
| UETS STANDARD 4- Content Knowledge: The teacher understands the central concepts, tools of inquiry, and structure of the discipline. |
| Standards for Engineering and Technological Literacy |
| STEL 1 Nature andCharacteristics ofTechnology andEngineering |
| 1J. Develop innovative products and systems that solve problems and extend capabilities based on individual or collective needs and wants. |
| 1K. Compare and contrast the contributions of science, engineering, mathematics and technology in the development of technological systems. |
| 1L. Explain how technology and engineering are closely linked to creativity, which can result in both intended and unintended innovations. |
| 1M. Apply creative problem-solving strategies to the improvement of existing devices or processes or the development of new approaches. |
| 1N. Explain how the world around them guides technological development and engineering design. |
| 1O. Assess how similarities and differences among scientific, mathematics, engineering, and technological knowledge and skills contributed to the design of a product or system. |
| 1P. Analyze the rate of technological development and predict future diffusion and adoption of new technologies. |
| 1R. Develop a plan that incorporates knowledge from science, methematics, and other disciplines to design and improve a technological product or system. |
| STEL 2 Core Concepts of Technology and Engineering |
| 2M. Differentiate between inputs, processes, outputs, and feedback in technological systems. |
| 2O. Create an open-loop system that has no feedback path and requires human intervention. |
| 2P. Create a closed-loop system that has a feedback path and requires no human intervention. |
| 2Q. Predict outcomes of a future product or system at the |

product or system at the beginning of the design process.
2S. Defend decisions related to a design problem.
2V. Analyze the stability of a technological system and how it is influenced by all of the components in the system, especially those in the feedback loop.
2W. Select resources that involve tradeoffs between competitng values, such as availability, cost, desiribility and waste while solving problems.
2X. Cite examples of the criteria and constraints of a product or system and how they affect final design.
2Y. Implemt quality control as a planned process to ensure that a product, service, or system meets established criteria.

STEL 4 Impacts of Technology
4K. Examine the ways that technology can have both positive and negative effects at the same time.
4L. Analyze how the creation and use of technologies consumes renewable and non-renewable resources and creates waste.
4M. Devise strategies for devising, reusing, and recycling waste caused from the creation and use of technology.
4P. Evaluate ways that technology can impact individuals, society, and the environment.
4Q. Critique whether existing or proposed technologies use resources sustainably.
STEL 5: Influence of Society on Technological Development
5F. Analyze how an invention or innovation was influenced by its historical context.
5G. Evaluate trade-offs based on vrious perspectives as part of a decision process that recognizes the need for careful comprimises among competing factors.
STEL 6: History of Technology
6C. Compare various technologies and how they have contributed to human progress.
6D. Engage in a research and development process to simulate how inventions and innovations have evolved through systematic tests and refinements.
6F. Relate how technological development has been evolutionary, often the result of a

series of refinements to basic inventions or technological knowledge.
6G. Verify that the evolution of civilization has been directly affected by, and has in turn affected, the development and use of tools, materials and processes.
6H. Evaluate how technology has been a powerful force in reshaping the social, cultural, political, and economic landscapes throughout history.

STEL 7 Design in Technology and Engineering Education
7Q. Apply thre technological design process.
7R. Refine design solutions to address criteria and constraints.
7S. Create solutions to problems by identifying human factors in design.
7T. Assess design quality based upon established principles and elements of design.
7U. Evaluate the strengths and weaknesses of fifferent design solutions.
7V. Improve essential skills necessary to successfully design.
7X. Document trade-offs in the technology and engineering process to produce optimal design.
7Y. Optimize a design by addressing desired qualities within criteria and constraints.
7BB. Implement the best possible solution to a design.
7CC. Apply a broad range of design skills to their design process.
7DD. Apply a broad range of making skills to their design process.
STEL 8 Applying, Maintaining, and Assessing Technological Products and Systems
8J. Use devices to control technological systems
*k. Design methods to gather data about technological systems
8L. Interpret the accuracy of information collected
8M. Use instruments to gather data on the performance of everyday products.

Technology and Engineering Practices
TEP-1: Systems Thinking

Designs and troubleshoots technological systems in ways that consider the multiple components of the system

TEP-2: Creativity

Exhibits innovative and original ideas in the context of design-based activities
Elaborates and articulates novel ideas and aesthetics

TEP-3: Making and Doing

Exhibits safe, effective ways of producing technological products, systems, and processes
Demonstrates the ability to regulate and improve making and doing skills

TEP-4: Critical Thinking

Defends technological decisions based on evidence
Uses evidence to better understand and solve problems in technology and engineering, including applying computational thinking

Technology and Engineering contexts
TEC-4: Energy and Power
TEC-5: Information and Communication

## TES 360 - Standards for Technological Literacy

### Course Information

**Teaching Area (new)** | **Course Number**
TES | 360

**Teaching Area**
TES

**Course Title**
Standards for Technological Literacy

**Course Description**
The teaching of technological literacy and engineering problem solving in education specifically focusing on the fields of medical, agricultural, and energy and power technologies.

**When Taught**
Fall

### Credit Hours

Min

## TES 377 - Teaching Methods in Technology Education

### Course Information

**Teaching Area (new)** | **Course Number**
TES | 377

**Teaching Area**
TES

**Course Title**
Teaching Methods in Technology Education

**Course Description**
Developing meaningful and engaging instruction for secondary students in technology education; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

**When Taught**
Winter Term 1.

### Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
4

**Other Prerequisites**
Eng T 231 or concurrent enrollment; completion of the GE Physical Science and Biological Science requirements.

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 1 | 181149, 0 |

**Learning Outcome**
UETS Standard 4: Content Knowledge. Each candidate understands the central concepts, tools of inquiry, and structure of the discipline.UETS Standard 6: Instructional Planning. Each candidate plans instruction to support students in meeting rigorous learning goals by drawing upon knowledge of content area, Core Curriculum standards, instructional best practices, and the community context.UETS Standard 7: Instructional Strategies. Each candidate uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections, and build skills to apply and extend knowledge in meaningful ways.STL Standard 3: Students will develop an understanding of the relationships among technologies and the connections between technology and other fields of study.STL Standard 7: Students will develop an understanding of the influence of technology on history.STL Standard 8: Students will develop an understanding of the attributes of design.STL Standard 11: Students will develop the abilities to apply the design process.STL Standard 14: Students will develop an understanding of and be able to select and use medical

Min
2

Fixed
2

## Lecture Hours

Fixed
2

## Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TES 276B - Exploration of Teaching B

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Course Outcomes - Level One | 181058, 7 |

**Learning Outcome**
UETS Standard 1 - Learner and Development:The teacher understands cognitive, linguistic, social, emotional and physical areas of student development.UETS Standard 3 - Learning Environments:The teacher works with learners to create environments that support individual and collaborative learning, encouraging positive social interaction, active engagement in learning, and self-motivation.UETS Standard 4 - Content Knowledge:The teacher understands the central concepts, tools of inquiry, and structure of the discipline.UETS Standard 5 - Assessment:The teacher uses multiple methods of assessment to engage learners in their own growth, monitor learner progress, guide planning and instruction, and determine whether the outcomes described in the content standards have been met.UETS Standard 6- Instructional Planning:The teacher plans instruction to

technologies.STL Standard 15: Students will develop an understanding of and be able to select and use agricultural and related biotechnologies.STL Standard 16: Students will develop an understanding of and be able to select and use energy and power technologies.

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 2 | 181254, 1 |

**Learning Outcome**

Students will be able to create lesson plans that would enable a teacher to teach basic principles involving STL Standard 14, Medical Technologies.Students will be able to create lesson plans that would enable a teacher to teach basic principles involving STL Standard 15, Agricultural and Related Biotechnologies.Students will be able to create lesson plans that would enable a teacher to teach basic principles involving STL Standard 16, Energy and Power Technologies.Students will be able to demonstrate technical understanding of a few technological issues and think critically regarding the wise development and use of technology relative to STL Standard 14, Medical Technologies.Students will be able to demonstrate technical understanding of a few technological issues and think critically regarding the wise development and use of technology relative to STL Standard 15, Agricultural and Related Biotechnologies.Students will be able to demonstrate technical understanding of a few technological issues and think critically regarding the wise development and use of technology relative to STL Standard 16, Energy and Power Technologies.

support students in meeting rigorous learning goals by drawing uopn knowlege of content area, Core Curriculum standards, instructional best practices, and the community context.UETS Standard 7-Instructional Strategies:The teacher uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections, and build skills to apply and extend knowledge in meaningful ways.

| Title | Tags |
| --- | --- |
| Introduction | 181111, 6 |

**Learning Outcome**

Educator Preparation Program OutcomesThis course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This course will help you fulfill the EPP Outcomes required for accreditation. Advisors in Education Student Services (350 MCKB / 801-422-3426) can answer questions you have about the licensure requirements (http://education.byu.edu/ess/licensing.html) for your teaching major or minor.As students progress through the Technology and Engineering teacher education program, they should gain knowledge, dispositions and skills that will enable them to become effective teachers. The standards that encompass the knowledge, dispositions and skills that teachers should have are known as the UETS standards and can be found on the TEE Outcomes webpage. The following UETS standards will be addressed in this class (TEE 377).

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 2 | 181115, 8 |

**Learning Outcome**

Students will be able to identify the basic theories of student motivation and apply these theories to design classroom instruction for a technology and engineering classroom.Students will be able to identify and differentiate between direct and

inquiry- based instruction and to develop lesson plans using both instructional approaches.Students will be able to develop instructional objectives that address cognitive, affective, and psychomotor domains of learning.Students will be able to develop instructional objectives for each of the levels of Blooms taxonomy.Students will be able to develop a disclosure document that outlines classroom procedures and student expectations appropriate for a T&E classroom.Students will be able to identify instructional strategies and teaching methods that might be used in a T&E classroom and to incorporate these strategies into a lesson plan.Students will be able to develop an assessment plan that includes strategies for formative and summative assessment in a T&E classroom.Students will be able to develop a rubric for assessment of a technology and engineering classroom activity.Students will be able to develop a plan for implementing problem solving strategies into their course instruction.Students will be able to identify implications for how students learn; including addressing student pre-conceptions of course content, developing student competence in a content area, and developing strategies for meta-cognition. Students will also be able to identify interventions for each of these areas.Students will be able to identify examples of student multiple intelligences and develop a plan for how this might affect instruction in the classroom.Students will be able to describe appropriate procedures for implementing cooperative learning into classroom activities.

## TES 378 - Practicum in Technology Education

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TES | 378 |

## TES 399R - Academic Internship

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TES | 399R |

Teaching Area

TES 376

**Teaching Area**
TES
**Course Title**
Practicum in Technology Education
**Course Description**
Implementing meaningful and engaging instruction for secondary students in technology education; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.
**When Taught**
Winter Term 2.

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TES 377 - Teaching Methods in Technology Education

**Additional Comments:**

| Title | Tags |
|---|---|
| Course Outcome - Level 1 | 181283, 0 |

**Learning Outcome**
Educator Preparation Program OutcomesThis course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This course will help you fulfill the EPP Outcomes required for accreditation. Advisors in Education Student Services (350 MCKB / 801-422-3426) can answer questions you have about the licensure requirements (http://education.byu.edu/ess/licensing.html) for your teaching major or minor.UETS Standard 1 - Learner

TES
**Course Title**
Academic Internship
**Course Description**
Work experience in technical and/or teaching environment. Internship will be supervised by employer and program internship coordinator. Formal technical report required.
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Department chair's consent.
**Note**
An APPROVED Internship Application is required before adding. Note: Follow the Department Pre-registration Instructions prior to Internship Application.

and Development:The teacher understands cognitive, linguistic, social, emotional and physical areas of student development.UETS Standard 2 - Learning Differences: The teacher understands individual learner differences and cultural and linguistic diversity.UETS Standard 3 - Learning Environments:The teacher works with learners to create environments that support individual and collaborative learning, encouraging positive social interaction, active engagement in learning, and self-motivation.UETS Standard 4 - Content Knowledge:The teacher understands the central concepts, tools of inquiry, and structure of the discipline.UETS Standard 5 - Assessment:The teacher uses multiple methods of assessment to engage learners in their own growth, monitor learner progress, guide planning and instruction, and determine whether the outcomes described in the content standards have been met.UETS Standard 6- Instructional Planning:The teacher plans instruction to support students in meeting rigorous learning goals by drawing uopn knowlege of content area, Core Curriculum standards, instructional best practices, and the community context.UETS Standard 7- Instructional Strategies:The teacher uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections, and build skills to apply and extend knowledge in meaningful ways.UETS Standard 8 - Reflection and Continuous Growth: The teacher is a reflectiv practitioner who uses evidence to continually evaluate and adapt practice to meet the needs of each learner.

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 2 | 181063, 0, 1 |

**Learning Outcome**

Students will identify the basic steps of the Backwards Design

steps of the Backwards Design approach to curriculum development and use these steps to develop a curricular unit to be taught as part of the practicum experience in a middle school setting.
As part of their practicum experience, students will successfully develop and teach a curricular unit (including unit plan, lesson plans, assessments, lab experiences, instructional materials) in a middle school technology and engineering classroom. Note: the mentor teacher and the university supervisor will assess this practicum experience using the CPAS assessment.
During their practicum experience, students will demonstrate effective classroom management strategies.
Students will demonstrate a partial ability to meet the UETS Standards by a successful completion of the PPAT #1.

## TES 400 - Furniture Design and Advanced Woodworking Processes

### Course Information

**Teaching Area (new)**
TES

**Course Number**
400

**Teaching Area**
TES

**Course Title**
Furniture Design and Advanced Woodworking Processes

**Course Description**
Designing several projects and building a significant piece of furniture. Topics include: current and past designers; surface decoration through coloring, texturing, pyrography; models, mock-ups, working drawings; bending, turning, advanced machining.

**When Taught**
Winter Odd Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

## TES 476 - Secondary Student Teaching

### Course Information

**Teaching Area (new)**
TES

**Course Number**
476

**Teaching Area**
TES

**Course Title**
Secondary Student Teaching

**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**When Taught**
Fall and Winter

### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Completion of all course work or departmental approval.

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 1 | 181331, 1 |

**Learning Outcome**

UETS Standard 1: Learner

## Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TES 200 - Processes and Prototyping with Wood

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 1 | 181153, 0 |

**Learning Outcome**
Each candidate possesses a knowledge of and an ability to implement a contemporary technology and engineering education program based on all 20 of the Standards for Technological Literacy developed by the International Technology and Engineering Educators Association (ITEEA).

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 2 | 181289, 1 |

**Learning Outcome**

Explore furniture design and design and build a significant piece of furniture.

Prepare a research report summarizing the life and key contributions of a furniture designer assigned/selected from the list provided and give a brief presentation (five minutes) to the class of your findings.

Construct 6 sketch models of possible furniture pieces.

Complete thumbnail design sketches of at least 24 pieces of furniture that could be appropriate to build in the class.

Complete a working drawing

Development. Each candidate understands cognitive, linguistic, social, emotional, and physical areas of student development.?
UETS Standard 2: Learning Differences. Each candidate understands individual learner differences and cultural and linguistics diversity.
UETS Standard 3: Learning Environments?. Each candidate works with learners to create environments that support individual and collaborative learning, encouraging positive social interaction, active engagement in learning, and self-motivation.?
UETS Standard 4: Content Knowledge. Each candidate understands the central concepts, tools of inquiry, and structure of the discipline.
UETS Standard 5: Assessment. Each candidate uses multiple methods of assessment to engage learners in their own growth, monitor learner progress, guide planning and instruction, and determine whether the outcomes described in content standards have been met.?
UETS Standard 6: Instructional Planning. Each candidate plans instruction to support students in meeting rigorous learning goals by drawing upon knowledge of content area, Core Curriculum standards, instructional best practices, and the community context.
UETS Standard 7: Instructional Strategies. Each candidate uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections, and build skills to apply and extend knowledge in meaningful ways.
UETS Standard 8: Reflection and Continuous Growth. Each candidate is a reflective practitioner who uses evidence to continually evaluate and adapt practice to meet the needs of each learner.?
UETS Standard 9: Leadership and Collaboration. Each candidate is a leader who engages collaboratively with learners, families, and colleagues, and community members to build a shared vision and supportive professional culture focused on

which includes a 3-view orthographic projection drawn to an appropriate scale, and full scale details of all joints and connections of materials (including those containing hardware).

If building a chair, a full-scale mock-up is required and will substitute for the primary views of the drawing requirement, full scale details of each joint or connection of materials is still required.

Complete a cost estimate using the Estimating Sheet provided.

Complete a plan of procedure detailing the sequence to be followed in building your furniture.

Using a variety of surface decoration/manipulation techniques make three surface decoration swatches approximately 1/4" x 2" x 5".

Design and make two full-scale, completely finished, functioning door or drawer pulls.

student growth and success.?
UETS Standard 10: Professional and Ethical Behavior. Each candidate demonstrates the highest standard of legal, moral, and ethical conduct as specified in Utah State Board Rule R277-515.

| Title | Tags |
| --- | --- |
| Course Outcomes - Level 2 | 181330, 2 |

**Learning Outcome**

Students will work with a colleague to plan and teach curriculum.

Students will understand the physical, mental, emotional, and social demands of a junior high and/or high school teacher.

Students will complete the requirements for Secondary Education and licensure.

## TES 490R - Independent Research and Development

### Course Information

**Teaching Area (new)**
TES

**Course Number**
490R

**Teaching Area**
TES

**Course Title**
Independent Research and Development

**Course Description**
Individually preparing technical content associated with selected technological emphases.

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
1

**Other Prerequisites**
Program supervisor's consent.

**Fee**
Variable

**Note**
Fee.

## TES 495R - Global Engineering Outreach Projects

### Course Information

**Teaching Area (new)**
TES

**Course Number**
495R

**Teaching Area**
TES

**Course Title**
Global Engineering Outreach Projects

**Course Description**
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

## TES 496 - Academic Internship

### Course Information

**Teaching Area (new)**
TES

**Course Number**
496

**Teaching Area**
TES

**Course Title**
Academic Internship

**Course Description**
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

**When Taught**
Fall

**Credit Hours**

**Min**
12

**Fixed**
12

**Other Prerequisites**
All course work or departmental approval; major GPA of 2.85; at least a C- in TES 377.

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Internship | 181364, 1 |

**Learning Outcome**
Students will improve upon what they have learned at BYU by going out into industry and gaining additional experience through mentoring and teaching in the schools of the surrounding community.

## TEST 101 - Test Class-Contact Registrar

### Course Information

**Teaching Area (new)**
TEST

**Course Number**
101

**Teaching Area**
TEST

**Course Title**
Test Class-Contact Registrar

**Course Description**
Course created for the purpose of testing.

**Department**
1000

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
1

**Fixed**
1

**Lecture Hours**

**Fixed**
1

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Background check.

## THAI 100 - Language Study: Thai

### Course Information

**Teaching Area (new)**
THAI

**Course Number**
100

**Teaching Area**
THAI

**Course Title**
Language Study: Thai

**Course Description**
Survival-level conversation, reading, listening, and culture skills in the Thai.

**Department**
Language Studies

**When Taught**
Contact Department

**Credit Hours**

## THAI 101 - First-Year Language Study: Thai

### Course Information

**Teaching Area (new)**
THAI

**Course Number**
101

**Teaching Area**
THAI

**Course Title**
First-Year Language Study: Thai

**Course Description**
Beginning speaking, listening, reading, and writing skills in Thai.

**Department**
Language Studies

**When Taught**
Contact Department

**Credit Hours**

Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 196832, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 196835, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 196837, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

Min
4

Fixed
4

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 196736, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196738, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196740, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196826, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## THAI 102 - First-Year Language Study: Thai

## THAI 201 - Second-Year Language Study:

## THAI 102 - First-Year Language Study: Thai

### Course Information

**Teaching Area (new)**
THAI
**Course Number**
102
**Teaching Area**
THAI
**Course Title**
First-Year Language Study: Thai
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Thai.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- THAI 101 - First-Year Language Study: Thai

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 196730, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196731, 2 |

**Learning Outcome**

## THAI 201 - Second-Year Language Study: Thai

### Course Information

**Teaching Area (new)**
THAI
**Course Number**
201
**Teaching Area**
THAI
**Course Title**
Second-Year Language Study: Thai
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Thai.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- THAI 102 - First-Year Language Study: Thai

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196719, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196732, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196734, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Vocabulary | 196722, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 196723, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 196726, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## THAI 202 - Second-Year Language Study: Thai

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| THAI | 202 |

**Teaching Area**
THAI
**Course Title**
Second-Year Language Study: Thai
**Course Description**
Continued emphasis on Thai communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

## THAI 305 - Language Skills Development: Thai

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| THAI | 305 |

**Teaching Area**
THAI
**Course Title**
Language Skills Development: Thai
**Course Description**
Increasing proficiency in one or more of the following Thai language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 196708, 1 |

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- THAI 201 - Second-Year Language Study: Thai

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196712, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196714, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196716, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196709, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196710, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196717, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## THAI 321 - Advanced Grammar: Thai

### Course Information

**Teaching Area (new)**
THAI
**Course Number**
321
**Teaching Area**
THAI
**Course Title**
Advanced Grammar: Thai
**Course Description**
Systematic review of grammar and syntax of target language.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Recommended**
THAI 202 or equivalent
**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 196705, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

## THAI 330 - Advanced Language Proficiency Through Cultural Studies: Thai

### Course Information

**Teaching Area (new)**
THAI
**Course Number**
330
**Teaching Area**
THAI
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Thai
**Course Description**
Study of Thai culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Thai 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 196701, 1 |

| Title | Tags |
| --- | --- |
| Apply | 196706, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196707, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 196702, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 196703, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196704, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## THAI 340 - Introduction to Literature: Thai

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| THAI | 340 |

**Teaching Area**
THAI
**Course Title**
Introduction to Literature: Thai
**Course Description**
Advanced study of literature of target language. Continued emphasis on communication skills and culture.

## THAI 350 - Advanced Language Study for Career Purposes: Thai

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| THAI | 350 |

**Teaching Area**
THAI
**Course Title**
Advanced Language Study for Career Purposes: Thai
**Course Description**
Concentration on Thai language and culture issues for specific careers.

**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Thai 330
**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196696, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196698, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196699, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196700, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- THAI 330 - Advanced Language Proficiency Through Cultural Studies: Thai

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196688, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 196689, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 196690, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196691, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196692, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## TIBET 100 - Language Study: Tibetan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TIBET | 100 |

**Teaching Area**
TIBET
**Course Title**
Language Study: Tibetan
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Tibet.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

**Lecture Hours**

## TIBET 101 - First-Year Language Study: Tibetan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TIBET | 101 |

**Teaching Area**
TIBET
**Course Title**
First-Year Language Study: Tibetan
**Course Description**
Beginning speaking, listening, reading, and writing skills in Tibet.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

**Lecture Hours**

Fixed
2

**Lab Hours**

Fixed
0

| Title | Tags |
|---|---|
| Speaking | 196684, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 196685, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 196687, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

**Lecture Hours**

Fixed
5

**Lab Hours**

Fixed
1

| Title | Tags |
|---|---|
| Comprehension | 196679, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196680, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 196681, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 196682, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## TMA 100 - Introduction to Visual Literacy

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TMA | 100 |

Teaching Area
TMA
Course Title

## TMA 102 - Introduction to Film

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TMA | 102 |

Teaching Area
TMA
Course Title

Introduction to Visual Literacy

**Course Description**

Overview of visual communication, with hands-on experience in multimedia design and tools, structured to increase awareness of visual functions and develop beginning proficiency with computer-assisted visual communications.

**Department**

Theatre & Media Arts

**When Taught**

Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

| Title | Tags |
| --- | --- |
| Visual Literacy | 189176, 1 |

**Learning Outcome**

Students will demonstrate knowledge in visual literacy. (This course has not been offered for a few years. The department is currently reviewing whether or not to offer it again. In the event that we do decide to begin offering it again, we will determine more specific outcomes at that time.)

Introduction to Film

**Course Description**

Analytical studies for understanding and appreciating media forms and messages, as well as basic history, theory, and aesthetics. Lab required.

**Department**

Theatre & Media Arts

**When Taught**

Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
2

**Note**

Students enrolled in on-campus sections must attend one session of Classic Cinema each week. Online sections have an alternative viewing requirement.

| Title | Tags |
| --- | --- |
| Intelligent Film Viewing | 188432, 1 |

**Learning Outcome**

Students will become active, intelligent film viewers.

| Title | Tags |
| --- | --- |
| Elements of Film | 188433, 2 |

**Learning Outcome**

Students will be exposed to the practical elements of film.

| Title | Tags |
| --- | --- |
| Story and Style Strategies | 188434, 3 |

**Learning Outcome**

Students will learn about a wide range of stories and stylistic strategies utilized by film artists and institutions.

| Title | Tags |
| --- | --- |
| Film Analysis | 188435, 4 |

Learning Outcome
Students will become familiar with new and helpful ways of receiving films. They will be able to evaluate and analyze films in a variety of contexts.

## TMA 104 - New Media Tools

### Course Information

Teaching Area (new): TMA
Course Number: 104
Teaching Area: TMA
Course Title: New Media Tools
Course Description: Introductory course to familiarize students with using new media tools.
Department: Theatre & Media Arts
When Taught: Fall and Winter

### Credit Hours

Min: 2
Fixed: 2

### Lecture Hours

Fixed: 2

### Lab Hours

Fixed: 2

Other Prerequisites
Media arts major or minor status

| Title | Tags |
|---|---|
| Expanding Knowledge | 188695, 1 |

Learning Outcome
Students will become familiar with new and helpful ways of receiving films. They will be able to evaluate and analyze films in a variety of contexts.

| Title | Tags |
|---|---|
| Story Creation | 188696, 2 |

## TMA 105 - Using Basic Media Tools

### Course Information

Teaching Area (new): TMA
Course Number: 105
Teaching Area: TMA
Course Title: Using Basic Media Tools
Course Description: Introductory course to familiarize students with basics in camera, lighting, and sound fundamentals.
Department: Theatre & Media Arts
When Taught: Fall, Winter, Spring

### Credit Hours

Min: 1
Fixed: 1

### Lecture Hours

Fixed: 1

### Lab Hours

Fixed: 1

Other Prerequisites
Media arts major or minor status or animation major status; concurrent enrollment in TMA 185
Note
To register, choose "Add an Envelope of Classes" in the Register section of MyMAP.

| Title | Tags |
|---|---|
| Expanding Knowledge | 188562, 1 |

Learning Outcome
Students will become familiar with new and helpful ways of receiving films. They will be able to evaluate and analyze films in a variety of contexts.

Story Creation 188696, 2

Learning Outcome
Students will begin to conceptualize, write, shoot, and edit fiction and non-fiction stories.

Title
Peer Evaluation and Collaboration

Tags
188697, 3

Learning Outcome
Students will present, discuss, analyze, and critique others work in the spirit of peer to peer collaboration.

Title
Story Creation

Tags
188563, 2

Learning Outcome
Students will begin to conceptualize, write, shoot, and edit fiction and non-fiction stories.

Title
Peer Evaluation and Collaboration

Tags
188564, 3

Learning Outcome
Students will present, discuss, analyze, and critique others work in the spirit of peer to peer collaboration.

## TMA 110 - Media Arts Experience

### Course Information

Teaching Area (new)
TMA

Course Number
110

Teaching Area
TMA

Course Title
Media Arts Experience

Course Description
Practical introductory experience working in media environments (including film and broadcast facilities).

Department
Theatre & Media Arts

When Taught
Contact Department

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
0

### Lab Hours

Fixed
4

## TMA 111 - Performance Matters

### Course Information

Teaching Area (new)
TMA

Course Number
111

Teaching Area
TMA

Course Title
Performance Matters

Course Description
An introduction to the Theatre Arts Studies major that emphasizes the critical thinking and creative planning necessary to become an innovative scholar artist.

Department
Theatre & Media Arts

When Taught
Fall and Winter

### Credit Hours

Min
1

Fixed
1

### Lecture Hours

Fixed
1

### Lab Hours

Fixed
1

Other Prerequisites
Premajor status

| Title | Tags |
| --- | --- |
| Media Arts Experience | 189177, 1 |

Learning Outcome
Students will participate in media arts-based experiences. (This course has not been offered for a few years. The department is currently reviewing whether or not to offer it again. In the event that we do decide to begin offering it again, we will determine more specific outcomes at that time.)

| Title | Tags |
| --- | --- |
| Degree Planning and Mentorship | 207391, 0, 1 |

Learning Outcome
Students will create a graduation plan in consultation with a faculty mentor and academic advisor.

| Title | Tags |
| --- | --- |
| Career and Life Trajectory Development | 207392, 0, 2 |

Learning Outcome
Students will discuss various life trajectories both inside and outside the world of theatre and begin to formulate a plan for their own journey.

| Title | Tags |
| --- | --- |
| Lifelong Learning | 209265, 0, 3 |

Learning Outcome
Students will begin to develop lifelong learning habits, both for theatre and life in general.

## TMA 114 - Reading and Constructing Narratives

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 114 |

Teaching Area
TMA
Course Title
Reading and Constructing Narratives
Course Description
Analyzing basic narrative principles; conceptualizing and writing narratives for media arts.
Department
Theatre & Media Arts
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

## TMA 115 - Introduction to Performance Studies

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 115 |

Teaching Area
TMA
Course Title
Introduction to Performance Studies
Course Description
Exploration of performance in all areas of life--religion, gaming, sports, theatre, dance, music, visual art, ethnicity, popular culture, etc..
Department
Theatre & Media Arts
When Taught
Fall, Winter, Summer

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Other Prerequisites**
Media Arts major or minor status.

| Title | Tags |
| --- | --- |
| Storytelling and Narrative Methods | 188569, 1 |

**Learning Outcome**
The objective of this class is to explore a range of story types that you should all know about. You have different career aspirations, but practitioners and scholars alike will want to be able to read, comprehend, and adapt/implement this array of narrative methods.

| Title | Tags |
| --- | --- |
| World Construction and Influence | 188570, 4 |

**Learning Outcome**
To provide students a stronger understanding of how the world around them is constructed and how they might better participate in, resist, and/or affect that world.

| Title | Tags |
| --- | --- |
| Critical Tools | 189151, 2 |

**Learning Outcome**
To equip students with a set of critical tools that will aid them in their production work.

| Title | Tags |
| --- | --- |
| Foundational Content | 189152, 3 |

**Learning Outcome**
To establish a solid foundation for students as they prepare to take higher-level Critical Studies courses.

## TMA 122 - Voice Production and Phonetics

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Theatre arts studies major or minor status; or BFA acting major or acting pre-major status; or theatre education major status.

| Title | Tags |
| --- | --- |
| Performance Studies History | 188868, 1 |

**Learning Outcome**
Students will identify many of the key figures and movements that have contributed to the history of Performance Studies.

| Title | Tags |
| --- | --- |
| Performance Analysis | 188973, 2 |

**Learning Outcome**
Students will utilize the vocabulary of Performance Studies to analyze various performances in the world around them.

## TMA 123 - Acting Fundamentals

# TMA 122 - Voice Production and Phonetics 1

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
122

**Teaching Area**
TMA

**Course Title**
Voice Production and Phonetics 1

**Course Description**
Foundational exercises to aid in freeing tensions, habits/patterns, and finding the natural state of the voice. Lab required. Introduction to the use of Standard American Stage Dialect with International Phonetic Alphabet. Identification of speech/articulation problems.

**Department**
Theatre & Media Arts

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
BFA acting or acting pre-major status; or instructor's consent.

| Title | Tags |
|---|---|
| Voice Production | 188436, 0, 1 |

**Learning Outcome**
Students will practice voice production techniques integrating voice work, body awareness, and emotional dexterity.

| Title | Tags |
|---|---|
| International Phonetic Alphabet | 188438, 0, 3 |

**Learning Outcome**
Students will identify and incorporate key characteristics of the International Phonetic Alphabet and integrate that knowledge into performance.

# TMA 123 - Acting Fundamentals

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
123

**Teaching Area**
TMA

**Course Title**
Acting Fundamentals

**Course Description**
Fundamental acting skills: exercises in perception, objective/action, thought processes, scoring of scripts. Lab required.

**Department**
Theatre & Media Arts

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
1

**Note**
Students must attend one Mask Club performance, held Thursdays at 1:00 pm, 2:00 pm, and 4:00 pm in the Nelke Theatre.

| Title | Tags |
|---|---|
| Professional Practice and Behaviors | 188972, 1 |

**Learning Outcome**
Students will apply professional work habits of dependability, promptness, cooperation, a sense of ensemble, and the ability to make independent choices.

| Title | Tags |
|---|---|
| Acting Skills | 188869, 0, 3 |

**Learning Outcome**
Students will develop script and character analysis skills including identifying circumstances, relationships, obstacles, and actions/tactics.

| Title | Tags |
| --- | --- |
| Evaluation and Peer Coaching | 188439, 0, 4 |

**Learning Outcome**
Students will self-evaluate progress and practice effective and supportive peer coaching.

| Title | Tags |
| --- | --- |
| Work Ethic | 210863, 0, 5 |

**Learning Outcome**
Students will practice professional work habits of dependability, punctuality, preparation, collaborations and the ability to make independent choices.

| Title | Tags |
| --- | --- |
| Critical Observation | 189061, 0, 4 |

**Learning Outcome**
Students will develop critcial observation skills through attendance at theatrical performances and the reading of selected dramatic texts.

## TMA 125 - Yoga and Alexander Technique

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 125 |

**Teaching Area**
TMA
**Course Title**
Yoga and Alexander Technique
**Course Description**
Techniques of relaxation, breath, focus, and posture to enhance actor's body and voice as a whole integrated tool in performance.
**Department**
Theatre & Media Arts
**When Taught**
Fall

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**

## TMA 127 - Beginning Stage Combat

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 127 |

**Teaching Area**
TMA
**Course Title**
Beginning Stage Combat
**Course Description**
Basic hand-to-hand stage combat instruction. Introduction to tumbling and falls.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**

BFA acting or acting pre-major status; or instructor's consent.

| Title | Tags |
| --- | --- |
| Yoga Practice | 188442, 0, 3 |

**Learning Outcome**
Students will develop greater body awareness, breath capacity, flexibility, strength and relaxation through the practice of various Yoga positions.

| Title | Tags |
| --- | --- |
| Balance | 188443, 0, 4 |

**Learning Outcome**
Students will demonstrate a sense of balance and centering.

| Title | Tags |
| --- | --- |
| Meditation | 210866, 0, 5 |

**Learning Outcome**
Students will demonstrate focused control over mind and body.

BFA acting, acting pre-major, or theatre education major status; or instructor's consent

| Title | Tags |
| --- | --- |
| Choreography Performance | 188447, 0, 4 |

**Learning Outcome**
Students will practie physical dexterity and concentration skills while safely integrating stage combat choreography into scene work.

| Title | Tags |
| --- | --- |
| Stage Combat Vocabulary | 188448, 0, 5 |

**Learning Outcome**
Students will recognize and utilize basic stage combat vocabulary.

| Title | Tags |
| --- | --- |
| History of Weapons | 210867, 0, 6 |

**Learning Outcome**
Students will demonstrate a knowledge of the developmental history of weapons.

## TMA 128 - Acting 1: BFA or Pre-BFA

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
128
**Teaching Area**
TMA
**Course Title**
Acting 1: BFA or Pre-BFA
**Course Description**
Accelerated fundamental acting skills: exercises in perception, objective/action, thought processes, scoring of scripts. Lab required.
**Department**
Theatre & Media Arts
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**

## TMA 140 - Script Analysis

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
140
**Teaching Area**
TMA
**Course Title**
Script Analysis
**Course Description**
An introduction to script analysis for production with an emphasis on close reading, understanding narratives, and the importance of story and audience reception.
**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

6

### Lab Hours

Fixed
1

Other Prerequisites
BFA MDT or acting pre-major status; or instructor's consent.
Note
NOTE: Designed specifically for acting pre-major students and first-year music dance theatre students. NOTE: Students must attend one Mask Club performance, held Thursdays at 1:00 pm, 2:00 pm, and 4:00 pm in the Nelke Theatre.

| Title | Tags |
| --- | --- |
| Critical Observation | 210865, 0, 3 |

Learning Outcome
Develop critical observation skills through attendance at theatrical performances and the reading of selected dramatic texts.

| Title | Tags |
| --- | --- |
| Work Ethic | 189017, 0, 2 |

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

| Title | Tags |
| --- | --- |
| Acting Skills | 188873, 0, 1 |

Learning Outcome
Develop script and character analysis skills including identifying circumstances, relationships, objectives, obstacles, and actions/tactics.

Fixed
4

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Structures and Genres | 207397, 2 |

Learning Outcome
Students will demonstrate a working knowledge of dramatic structures and genres.

| Title | Tags |
| --- | --- |
| Script Analysis | 207424, 1 |

Learning Outcome
Students will analyze play scripts in preparation for productions.

## TMA 170R - Practicum: Television

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
170R
**Teaching Area**
TMA
**Course Title**
Practicum: Television
**Course Description**
Practicum in beginning television production skills. Topics will vary by semester.
**Department**
Theatre & Media Arts
**When Taught**
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

### Credit Hours

**Min**
0.5

**Fixed**
6

### Lab Hours

**Fixed**
1

**Title**
BYU Broadcasting Shadowing
**Tags**
189056, 1

**Learning Outcome**
Students are expected to gain knowlege and skills by shadowing a Television Professional at BYU Broadcasting.

## TMA 184R - Practicum: Cinematic Skills

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
184R
**Teaching Area**
TMA
**Course Title**
Practicum: Cinematic Skills
**Course Description**
Fundamentals of cinematic skills.
**Department**
Theatre & Media Arts
**When Taught**
Spring and Summer Terms

### Credit Hours

**Min**
0.5

**Fixed**
6

### Lab Hours

**Fixed**
1

**Title**
LDS Motion Picture Studios Shadowing
**Tags**
188571, 1

**Learning Outcome**
Students are expected to gain added knowlege and skills by shadowing a Film Professional at the LDS Motion Pictures Studio.

## TMA 185 - Basic Media Production

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
185
**Teaching Area**
TMA
**Course Title**
Basic Media Production
**Course Description**
Introduction to basics of film and video production. Includes lecture and practical lab experiences with audio and video.
**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

### Credit Hours

## TMA 187 - Production Management: Beginning

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
187
**Teaching Area**
TMA
**Course Title**
Production Management: Beginning
**Course Description**
Fundamentals of media production; budgeting, scheduling, and management skills.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

Min
3

Fixed
3

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
3

Other Prerequisites
Media arts major/minor status or animation major status; concurrent enrollment in TMA 105

| Title | Tags |
| --- | --- |
| Expanding Knowledge | 188572, 1 |

Learning Outcome
Students will improve their capacity as story tellers and filmmakers.

| Title | Tags |
| --- | --- |
| Story Creation | 188573, 2 |

Learning Outcome
Students will begin to conceptualize, write, shoot, and edit fiction and non-fiction stories.

| Title | Tags |
| --- | --- |
| Text Analysis | 188574, 3 |

Learning Outcome
Students will engage with texts about storytelling and production processes.

| Title | Tags |
| --- | --- |
| Peer Evaluation and Collaboration | 188575, 4 |

Learning Outcome
Students will present, discuss, analyze, and critique others work in the spirit of peer to peer collaboration.

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
3

| Title | Tags |
| --- | --- |
| Professional Communication | 188578, 0, 3 |

Learning Outcome
Students will be taught to communicate effectively, appropriately and competently in a business environment.

| Title | Tags |
| --- | --- |
| Personal Development | 188579, 0, 4 |

Learning Outcome
Students will learn how to anticipate and prepare for unexpected challenges, develop essential questions and find their answers, manage details and to creatively problem-solve.

| Title | Tags |
| --- | --- |
| Role Responsibilities | 210335, 0, 5 |

Learning Outcome
Students will gain a broad-stroke understanding of the responsibilities of all key crew positions, with an emphasis on understanding what the student is undertaking and what is expected when he/she agrees to accept a department head or other key role - particularly that of Producer or Unit Production Manager; Additionally, the student will understand how all roles work together to create a collaborative and mutually edifying environment.

| Title | Tags |
| --- | --- |
| Producing/Production Management Basics | 210336, 0, 6 |

**Learning Outcome**
Students will gain a specific understanding and working knowledge of the responsibility of a film's Producer/Unit Production Manager and its accompanying practical application.

| Title | Tags |
| --- | --- |
| Page to Screen | 210337, 0, 7 |

**Learning Outcome**
Students will discover resources for story development, how to create and develop story ideas at a basic level, learn to comprehensively analyze a script, break it down, to identify both implicit and explicit elements, and determine to which departments the identified elements belong. Students will learn to synthesize the information and how to use that information to develop a budget, schedule, and to generally prepare for production.

| Title | Tags |
| --- | --- |
| Phases of Film Production | 210338, 0, 8 |

**Learning Outcome**
Students will understand the essentials of the pre-production/planning stage of a film, including budgeting, scheduling and all elements required to ready a film for production [shooting], and also learn the basics associated with production [shooting] and post-production.

| Title | Tags |
| --- | --- |
| Production Wrap | 210339, 0, 9 |

**Learning Outcome**
Students will understand how to wrap production, including scheduling wrap, the unique wrap requirements for each department in each phase of production, and what activities, reporting, tasks and paperwork must be complete in order to release cast and crew and declare

a full project wrap.

## TMA 199R - Academic Internship: Media

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
199R
**Teaching Area**
TMA
**Course Title**
Academic Internship: Media
**Course Description**
Off-campus experience or internship in media arts.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 114 - Reading and Constructing Narratives
  **AND** TMA 185 - Basic Media Production

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 115 - Introduction to Performance Studies

**Additional Comments:**

**Other Prerequisites**
Theatre major status. By application only.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Individual Internship Outcomes | 189191, 1 |

**Learning Outcome**
Because of the individual nature of the internship course, students work with their advisor

## TMA 199R - Academic Internship: Theatre

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
199R
**Teaching Area**
TMA
**Course Title**
Academic Internship: Theatre
**Course Description**
Off-campus experience or internship in theatre.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
TMA 115. Theatre major status. By application only.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Individual Internship Outcomes | 189190, 0 |

**Learning Outcome**
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

## TMA 199R - Academic Internship

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
199R
**Teaching Area**
TMA
**Course Title**
Academic Internship
**Course Description**
Off-campus experience or internship in theatre and media arts.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5
**Fixed**
3

**Other Prerequisites**
Theatre students: TMA 115 and application. Media students: TMA 112 and 114 and 185/105 and application.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Individual Internship | 188587, 1 |

**Learning Outcome**
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

| Title | Tags |
| --- | --- |
| Individual Internship | 188978, 1 |

**Learning Outcome**
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

## TMA 201 - Dramatic Performance: Antiquity to Renaissance

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
201
**Teaching Area**
TMA
**Course Title**
Dramatic Performance: Antiquity to Renaissance
**Course Description**
Civilization from Greek antiquity through Renaissance, primarily from perspective of dramatic literature and performance. Ways in which performance functions within particular socioeconomic, political, religious, and aesthetic perspectives.
**Department**
Theatre & Media Arts
**When Taught**
Fall

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Great Works | 188453, 2 |

**Learning Outcome**

Students will analyze great works of literature through multiple perspectives-society, culture, politics, economics, gender roles, religion-to better understand the ways in which dramatic performance functioned in particular times and places.

| Title | Tags |
| --- | --- |
| Self-representation | 189297, 3 |

**Learning Outcome**

Students will appraise (1) how we represent the world, others, and ourselves and (2) the consequences of these representations for our families, our communities, and ourselves.

| Title | Tags |
| --- | --- |
| Historical Context | 188452, 0, 1 |

**Learning Outcome**

Students will demonstrate a general working knowledge of major historical periods, philosophical trends, and performance movements and will draw connections between society and performance.

## TMA 202 - Dramatic Performance: Renaissance to the Present

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 202 |

**Teaching Area**
TMA
**Course Title**
Dramatic Performance: Renaissance to the Present
**Course Description**
Civilization from Renaissance through present, primarily from perspective of dramatic literature and performance. Ways in which performance functions within particular socioeconomic, political, religious, and aesthetic perspectives.
**Department**
Theatre & Media Arts
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**

## TMA 215R - Special Projects 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 215R |

**Teaching Area**
TMA
**Course Title**
Special Projects 1
**Course Description**
Special projects in theatre and media arts.
**Department**
Theatre & Media Arts
**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Theatre and media arts major status. By application only.

| Title | Tags |
| --- | --- |
| Statement on Outcomes | 189169, 0 |

**Learning Outcome**
Because this course serves as an umbrella for a number of different sections that provide a

3

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Great Works | 188455, 2 |

**Learning Outcome**
Students will analyze great works of literature through multiple perspectives-society, culture, politics, economics, gender roles, religion-to better understand the ways in which dramatic performance functioned in particular times and places.

| Title | Tags |
| --- | --- |
| Self-representation | 188456, 3 |

**Learning Outcome**
Students will appraise 1) how we represent the world, others, and ourselves and 2) the consequences of these representations for our families, our communities, and ourselves.

| Title | Tags |
| --- | --- |
| Historical Context | 188454, 0, 1 |

**Learning Outcome**
Students will demonstrate a general working knowledge of major historical periods, philosophical trends, and performance movements and will draw connections between society and performance.

variety of learning experiences, the instructor of each section will list at least three (3) course-level learning outcomes for that section that are in line with the applicable program-level learning outcomes.

## TMA 215R - Special Projects 1: Media.

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
215R

**Teaching Area**
TMA

**Course Title**
Special Projects 1: Media.

**Course Description**
Special projects in media arts.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Theatre and media arts major status. By application only.

| Title | Tags |
|---|---|
| Statement on Outcomes | 189192, 1 |

**Learning Outcome**
Because this course serves as an umbrella for a number of different sections that provide a variety of learning experiences, the instructor of each section will list at least three (3) course-level learning outcomes for that section that are in line with the applicable program-level learning outcomes.

## TMA 215R - Special Projects 1: Theatre

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
215R

**Teaching Area**
TMA

**Course Title**
Special Projects 1: Theatre

**Course Description**
Special projects in theatre arts.

**Department**
Theatre & Media Arts

**When Taught**
All Semesters/Terms

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Theatre and media arts major status. By application only.

| Title | Tags |
|---|---|
| Statement on Outcomes | 189252, 1 |

**Learning Outcome**
Because this course serves as an umbrella for a number of different sections that provide a variety of learning experiences, the instructor of each section will list at least three (3) course-level learning outcomes for that section that are in line with the applicable program-level learning outcomes.

## TMA 220R - Workshop 1: Acting

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
220R

**Teaching Area**
TMA

**Course Title**
Workshop 1: Acting

**Course Description**
Experience in production: acting.

**Department**
Theatre & Media Arts

**When Taught**
Fall, Winter, Spring

**Credit Hours**

## TMA 222 - Voice Production and Phonetics 2

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
222

**Teaching Area**
TMA

**Course Title**
Voice Production and Phonetics 2

**Course Description**
Advanced exercises to aid in the understanding and use of optimal vocal technique with emphasis on singing. Continued study and mastery of Standard American Stage Dialect with International Phonetic Alphabet. Lab required.

**Department**
Theatre & Media Arts

**When Taught**

Min
0.5

Fixed
3

## Lecture Hours

Fixed
0

Other Prerequisites
By audition only

| Title | Tags |
| --- | --- |
| Performance Project | 188457, 2 |

Learning Outcome
Students will prepare a role in a mainstage production synthesizing and showcasing the research, creative process, and collaboration of the rehearsal process.

| Title | Tags |
| --- | --- |
| Professional Habits | 188459, 0, 1 |

Learning Outcome
Students will apply professional work habits of dependability, promptness, cooperation, preparation, and the ability to make independent choices.

Winter

## Credit Hours

Min
2

Fixed
2

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- TMA 115 - Introduction to Performance Studies

Prerequisites

**Complete ALL of the following Courses:**

- TMA 122 - Voice Production and Phonetics 1

**Additional Comments:**

Other Prerequisites
BFA acting or acting pre-major status. By audition only.
Note
Students must attend one Mask Club performance, held Thursdays at 1:00 pm, 2:00 pm, and 4:00 pm in the Nelke Theatre.

| Title | Tags |
| --- | --- |
| International Phonetic Alphabet | 188461, 0, 2 |

Learning Outcome
Students will demonstrate a continuing mastery of the key characteristics of the International Phonetic Alphabet.

| Title | Tags |
| --- | --- |
| Evaluation and Work Ethic | 188463, 0, 4 |

Learning Outcome
Students will be able to self-evaluate individual progress and

performance, practice effective and supportive peer coaching and evaluation, and apply professional work habits.

| Title | Tags |
| --- | --- |
| Vocal Technique | 188460, 0, 1 |

**Learning Outcome**
Students will demonstrate advanced voice production techniques with special emphasis on singing in performance.

## TMA 223 - Acting Improvisation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 223 |

**Teaching Area**
TMA
**Course Title**
Acting Improvisation
**Course Description**
Discovery of emotion, thought process, and impulse through improvisation.
**Department**
Theatre & Media Arts
**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

## TMA 224 - Acting for Film and TV

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 224 |

**Teaching Area**
TMA
**Course Title**
Acting for Film and TV
**Course Description**
On-camera techniques for features, sitcoms, industrials, and commercials.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 228 - Acting 2

**Additional Comments:**

**Other Prerequisites**
BFA acting or BFA MDT or acting pre-major status. By audition only.

| Title | Tags |
|---|---|
| Analysis Skills | 188464, 0, 1 |

**Learning Outcome**
Students will analyze performance texts and apply that analysis to improvised performance.

| Title | Tags |
|---|---|
| Performance and Impulse Skills | 188466, 0, 3 |

**Learning Outcome**
Students will demonstrate impulsivity in the performance of improvisational exercises and scene work.

| Title | Tags |
|---|---|
| Expression | 188467, 0, 4 |

**Learning Outcome**
Students will identify and explore methods of emotional and physical expression in characterization and performance.

**Complete ALL of the following Courses:**
- TMA 228 - Acting 2

**Additional Comments:**

**Other Prerequisites**
BFA acting major or acting pre-major status. By audition only.

| Title | Tags |
|---|---|
| Script Analysis | 188468, 0, 1 |

**Learning Outcome**
Students will analyze performance texts in relationship to electronic media performance.

| Title | Tags |
|---|---|
| Genre Exploration | 188469, 0, 2 |

**Learning Outcome**
Students will demonstrate a knowledge of acting for electronic media.

| Title | Tags |
|---|---|
| Film Language | 188471, 0, 4 |

**Learning Outcome**
Students will demonstrate knowledge of the specialized vernacular used in media rehearsal and performance situations.

## TMA 225 - Neutral Mask

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
225
**Teaching Area**
TMA
**Course Title**
Neutral Mask
**Course Description**
Use of masks in teaching specificity of movement, communication, and emotion.
**Department**
Theatre & Media Arts
**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**

## TMA 227 - Acting Explorations

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
227
**Teaching Area**
TMA
**Course Title**
Acting Explorations
**Course Description**
Exploration into various Western acting techniques, styles, and practices to provide further acting experiences as part of a liberal arts education.
**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 125 - Yoga and Alexander Technique
  **AND** TMA 128 - Acting 1: BFA or Pre-BFA
  **AND** TMA 228 - Acting 2

**Additional Comments:**

**Other Prerequisites**
By audition only

| Title | Tags |
|---|---|
| Laban Techniques | 188474, 0, 2 |

**Learning Outcome**
Students will utilize Laban technique as a means of expanding physical and emotional performance range.

| Title | Tags |
|---|---|
| Mask Techniques | 188475, 0, 3 |

**Learning Outcome**
Students will create fully realized characters utilizing mask performance techniques.

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 123 - Acting Fundamentals

**Additional Comments:**

| Title | Tags |
|---|---|
| Professionalism | 189144, 2 |

**Learning Outcome**
Students will acquire the positive work habits of an actor, i.e.: dependability, punctuality, cooperation, dedication, consideration of fellow actors, and ensemble work.

| Title | Tags |
|---|---|
| Performance Analysis | 189145, 3 |

**Learning Outcome**
Students will demonstrate their ability to analyze a play from an actor's point of view.

| Title | Tags |
|---|---|
| Communication Skills | 189146, 1 |

**Learning Outcome**
Students will demonstrate communication skills (focus, objectives & actions, active listening, character empathy, kinesthetic energy, etc.) drawn from a variety of acting traditions.

# TMA 228 - Acting 2

## Course Information

**Teaching Area (new)**
TMA
**Course Number**
228
**Teaching Area**
TMA
**Course Title**
Acting 2
**Course Description**
Integrating acting skills; building a character through exercises and scene work.
**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- TMA 123 - Acting Fundamentals

Prerequisites

**Complete ALL of the following Courses:**
- TMA 128 - Acting 1: BFA or Pre-BFA

**Additional Comments:**

**Other Prerequisites**
BFA acting or BFA MDT or acting pre-major status. By audition only.
**Note**
Students must attend one Mask Club performance, held Thursdays at 1:00 pm, 2:00 pm, and 4:00 pm in the Nelke Theatre.

# TMA 240 - Playmaking

## Course Information

**Teaching Area (new)**
TMA
**Course Number**
240
**Teaching Area**
TMA
**Course Title**
Playmaking
**Course Description**
A survey of the wide range of ways that performance can be made: from a script, through devising, in adaptation, via community collaboration, and more.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 111 - Performance Matters
  **AND** TMA 115 - Introduction to Performance Studies
  **AND** TMA 140 - Script Analysis

**Additional Comments:**

**Other Prerequisites**
Theatre Arts Studies majors must take TMA 111, 115, 140. Students who have declared a Theatre Arts Studies minor, Theatre Education major, BFA Acting major or BFA Acting pre-major must take TMA 115 and 140. With instructor's consent, students may take either or both of the following courses concurrently with TMA 240: TMA 111 and 115. Non Theatre Arts Studies majors may take TMA 240 without taking TMA 111 by instructor consent.

| Title | Tags |
| --- | --- |
| Methods | 207400, 1 |

| Title | Tags |
| --- | --- |
| Acting Skills | 189034, 0, 1 |

**Learning Outcome**
Using imagination and concentration, students will create performances that integrate their actor's analyses into character behavior that is immediate and vulnerable.

| Title | Tags |
| --- | --- |
| Character and Script Analyses | 189048, 0, 2 |

**Learning Outcome**
Working from the actor's perspective, students will discern plays' circumstances and character relationships, locate events, define objectives, identify obstacles, and choose fitting actions/tactics.

| Title | Tags |
| --- | --- |
| Performance and Play Critiques | 211657, 0, 3 |

**Learning Outcome**
Students will develop creative and critical thinking skills by writing critiques after viewing performances and reading plays.

| Title | Tags |
| --- | --- |
| Professionalism | 210868, 0, 4 |

**Learning Outcome**
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

**Learning Outcome**
Students will identify the wide range of methods by which performance can be created.

| Title | Tags |
| --- | --- |
| Performance Practice | 207401, 0, 2 |

**Learning Outcome**
Students will demonstrate their knowledge of playmaking and will creatre a range of performance pieces.

## TMA 241 - Screenwriting 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 241 |

**Teaching Area**
TMA
**Course Title**
Screenwriting 1
**Course Description**
Covers principles of story, character, structure, theme and formatting necessary to successfully write for the screen, with specific emphasis on writing the short screenplay.
**Department**

## TMA 251 - Playwriting 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 251 |

**Teaching Area**
TMA
**Course Title**
Playwriting 1
**Course Description**
Basic playwriting principles through reading, completing writing assignments, testing, and writing the first draft of a one-act play.
**Department**
Theatre & Media Arts

Theatre & Media Arts
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Other Prerequisites
TMA 291 or 292 or concurrent enrollment.

| Title | Tags |
| --- | --- |
| Artistic Voice | 208423, 0, 5 |

Learning Outcome
Students will be able to view the world through the lens of a storyteller and use insights from this view to establish an individual artistic and critical voice in terms of animation storytelling.

| Title | Tags |
| --- | --- |
| Basic Artistry of Screenwriting | 188480, 0, 2 |

Learning Outcome
Students will be able to apply the basic artistic principles of screenwriting, including use of character, structure, images, meaning, theme, etc. and will be able to write scripts with quality storytelling.

| Title | Tags |
| --- | --- |
| Language of Professional Screenwriting | 188479, 0, 1 |

Learning Outcome
Students will be able to follow practices of professional screenwriting, including formatting, economy of description, etc. Students will also be able to differentiate

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Other Prerequisites
TMA 115 or instructor's consent.
Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
| --- | --- |
| Writing Processes | 188484, 0, 1 |

Learning Outcome

Students will begin to develop their own process of writing and tapping inspirational sources for content and subject matter.

| Title | Tags |
| --- | --- |
| Theatrical Storytelling | 188485, 0, 2 |

Learning Outcome

Students will gain a working knowledge of the elements and principles of theatrical storytelling and character development.

| Title | Tags |
| --- | --- |
| Theatrical Structures | 188486, 0, 3 |

Learning Outcome

Students will learn how to use the appropriate theatrical structures in the writing of their plays.

| Title | Tags |
| --- | --- |

between the needs of writing for live action versus animation.

| Title | Tags |
| --- | --- |
| Collaborative Storytelling | 188481, 0, 3 |

**Learning Outcome**
Students will be able to collaborate in production and story development, including present stories for large group projects.

| Title | Tags |
| --- | --- |
| Giving and Receiving Feedback | 188482, 0, 4 |

**Learning Outcome**
Students will be able to give constructive feedback on others' stories and receive constructive feedback on their own work.

| Title | Tags |
| --- | --- |
| Script Analysis | 188487, 0, 4 |

**Learning Outcome**
Students will begin to develop the skills to accurately and thoughtfully analyze and re-write their own plays.

## TMA 252 - Puppetry

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
252
**Teaching Area**
TMA
**Course Title**
Puppetry
**Course Description**
Theories, techniques, and experience constructing and operating puppets for use in performance, recreational, and educational settings.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**

## TMA 256 - Stage Management 1

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
256
**Teaching Area**
TMA
**Course Title**
Stage Management 1
**Course Description**
Principles and objectives of stage management. Prepares students for work as assistant and production stage managers.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**

1

**Other Prerequisites**
Theatre education major status or instructor's consent
**Note**
Contact nat@scera.org for meeting location for first day of class.

| Title | Tags |
|---|---|
| Design | 188901, 0, 0 |

**Learning Outcome**
Students will design, build and manipulate the following types of puppets:

Marionette
Wannabe Puppet
Found Object/Recycled Puppet
Big Mouth (Muppet)
Parade Puppet

| Title | Tags |
|---|---|
| Manipulation and Performance | 188992, 0, 1 |

**Learning Outcome**

Students will create and develop puppet strategies and skills in traditional and non-traditional environments including

Schools
Churches
Arts/Community Centers
Boys/Girls Clubs
Etc

| Title | Tags |
|---|---|
| Ethics | 188934, 0, 2 |

**Learning Outcome**
Students will use puppets to explore social and ethical issues within a targeted community.

0

| Title | Tags |
|---|---|
| Technical Training | 188921, 1 |

**Learning Outcome**
Students will demonstrate the use of stage management skills and paperwork at an introductory level.

## TMA 257 - Storytelling

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TMA | 257 |

**Teaching Area**
TMA
**Course Title**
Storytelling
**Course Description**
Theories, techniques, and practice in the art of constructing and telling stories for use in performance, recreational, and educational settings.
**Department**
Theatre & Media Arts

## TMA 258 - Theatre Drafting

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TMA | 258 |

**Teaching Area**
TMA
**Course Title**
Theatre Drafting
**Course Description**
Basic training in manual and computer-aided drafting as well as visualization for theatre.
**Department**
Theatre & Media Arts

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Theatre education major status or instructor's consent

| Title | Tags |
| --- | --- |
| Writing about Performances | 188886, 1 |

**Learning Outcome**
Students will survey and respond to a variety of storytelling styles by observing and writing about live, video and audio performances.

| Title | Tags |
| --- | --- |
| Teaching Strategies | 188989, 2 |

**Learning Outcome**
Students will develop teaching strategies and coaching styles designed to support storytellers in targeted communities such as schools, businesses, the entertainment industry, churches, family, etc.

| Title | Tags |
| --- | --- |
| Professional Relationships | 188996, 3 |

**Learning Outcome**
Students will foster supportive relationships by connecting to national and local storytellers and organizations.

| Title | Tags |
| --- | --- |
| Individual Storytelling Skill and Style | 189039, 0 |

**When Taught**
Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Technical Training | 189155, 0, 1 |

**Learning Outcome**
Student will employ basic computer drafting techniques for applied theoretical in-class projects.

| Title | Tags |
| --- | --- |
| Technical Training | 189156, 0, 2 |

**Learning Outcome**
Students will create and assess effective materials for their personal portfolios.

Learning Outcome
Students will develop unique individual skills and styles in storytelling, demonstrating ability to create imagery, use vocal animation and characterization, and produce effective story sequences, supported by skilled delivery (body, voice, use of space).

## TMA 259 - Principles of Design for Stage

### Course Information

Teaching Area (new): TMA
Course Number: 259
Teaching Area: TMA
Course Title: Principles of Design for Stage
Course Description: Survey of visual design principles for theatre, collaborative team techniques; research theory; script analysis; production concept; applied approaches to costume, scenic, lighting, makeup, property and sound design.
Department: Theatre & Media Arts
When Taught: Fall; Winter.

### Credit Hours

Min: 3
Fixed: 3

### Lecture Hours

Fixed: 4

### Lab Hours

Fixed: 0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 140 - Script Analysis

## TMA 260R - Theatre Production

### Course Information

Teaching Area (new): TMA
Course Number: 260R
Teaching Area: TMA
Course Title: Theatre Production
Course Description: Beginning practical experience in specialized shops or backstage experience on realized productions.
Department: Theatre & Media Arts
When Taught: Fall, Winter, Spring

### Credit Hours

Min: 1
Fixed: 1

### Lecture Hours

Fixed: 0

Other Prerequisites
Instructor's consent

Title: Technical Training
Tags: 189193, 0, 1

Learning Outcome
Students will practice technical theatre skills in support of deparment productions.

**Additional Comments:**

**Other Prerequisites**
Or instructor consent.

| Title | Tags |
| --- | --- |
| Technical Training | 189125, 0, 3 |

**Learning Outcome**
Students will use effective design language to analyze professional designs, as well as recognize and distinguish the contribution of costumes, sets, lighting, sound, makeup and props to a production.

## TMA 261 - Writing for Animation

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
261
**Teaching Area**
TMA
**Course Title**
Writing for Animation
**Course Description**
Traditional screenwriting emphasizing stories for the medium of animation.
**Department**
Theatre & Media Arts
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Writing for Animation | 189178, 1 |

**Learning Outcome**
Students will demonstrate their ability to write for

## TMA 264 - Theatre Lighting 1

### Course Information

**Course Number**
264
**Teaching Area**
TMA
**Course Title**
Theatre Lighting 1
**Course Description**
An introduction to theatre lighting, the equipment, how to operate it, and the basics of designing light for theatre.
**Department**
Theatre & Media Arts
**When Taught**
Winter

### Credit Hours

**Fixed**
2

### Lecture Hours

**Fixed**
4

| Title | Tags |
| --- | --- |
| Lighting Equipment | 214499, 0, 1, 2023-08-29 13:09:09 |

**Learning Outcome**
Students will identify lighting equipment, describe its functionality, and be able to operate it.

| Title | Tags |
| --- | --- |
| Lighting Paperwork | 214500, 0, 2, 2023-08-29 13:09:11 |

**Learning Outcome**
Students will create and use

animation. (This course has not been offered for a few years. The department is currently reviewing whether or not to offer it again. In the event that we do decide to begin offering it again, we will determine more specific outcomes at that time.)

standard lighting paperwork at a basic level.

**Title**
Controllable Qualities and Functions of Light

**Tags**
214501, 0, 3, 2023-08-29 13:09:12

**Learning Outcome**
Students will describe the controllable qualities of light and use them to accomplish the functions of light.

**Title**
Lighting Design

**Tags**
214502, 0, 4, 2023-08-29 13:09:14

**Learning Outcome**
Students will design lighting for a theatre production at a basic level.

## TMA 266 - Principles of Stage Craft

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
266

**Teaching Area**
TMA

**Course Title**
Principles of Stage Craft

**Course Description**
Introduction to basic stage craft techniques: scenic tools and materials; construction, rigging and handling of scenery pieces; basic scenery painting techniques; properties construction and acquisition; related stage safety and maintenance. \t

**Department**
Theatre & Media Arts

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Technical Training | 189004, 0, 0 | Students will demonstrate a foundational knowledge of basic scenery construction techniques. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Technical Training | 189094, 0, 1 | Students will participate in realized scenery construction projects. |

## TMA 267 - Principles of Makeup

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
267

**Teaching Area**
TMA

**Course Title**
Principles of Makeup

**Course Description**
Introduction to basic makeup application for stage and screen: corrective, glamour and age; stylized approaches; putty construction; crepe hair; wig application techniques.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

| Title | Tags | Learning Outcome |
|---|---|---|
| Applied Design | 188892, 3 | Students will apply previous makeup skills for a stylized project and a complete character, including makeup and hair. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Basic Makeup Application | 188872, 0, 0 | Students will demonstrate basic flat and 2 dimensional makeup, special effects, and hair application skills. |

## TMA 270R - Practicum: Television

## TMA 273 - Beginning Non-Fiction and New

## TMA 270R - Practicum: Television

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
270R
**Teaching Area**
TMA
**Course Title**
Practicum: Television
**Course Description**
Practicum in intermediate television production and direction. Topics will vary depending on specific television programs under production.
**Department**
Theatre & Media Arts
**When Taught**
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

### Credit Hours

**Min**
1
**Fixed**
6

### Lab Hours

**Fixed**
1

**Title**
Application
**Tags**
189206, 1
**Learning Outcome**
Students will use skills and knowledge in television based in a professional setting.

**Tags**
189023, 1
**Learning Outcome**
This class is currently on Hiatus

## TMA 273 - Beginning Non-Fiction and New Media Storytelling

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
273
**Teaching Area**
TMA
**Course Title**
Beginning Non-Fiction and New Media Storytelling
**Course Description**
Principles and techniques of new media production, information gathering, conceptualizing, and storytelling.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 105 - Using Basic Media Tools
  **AND** TMA 185 - Basic Media Production
  **AND** TMA 187 - Production Management: Beginning

**Additional Comments:**

**Other Prerequisites**
None

**Title**
Expanding Knowledge
**Tags**
188588, 1
**Learning Outcome**
Students will improve their capacity as story tellers and filmmakers.

| Title | Tags |
| --- | --- |
| Story Creation | 188589, 2 |

**Learning Outcome**
Students will begin to conceptualize, write, shoot, and edit non-fiction stories.

| Title | Tags |
| --- | --- |
| Text Analysis | 188590, 3 |

**Learning Outcome**
Students will engage with texts about storytelling and production processes.

| Title | Tags |
| --- | --- |
| Peer Evaluation and Collaboration | 188591, 4 |

**Learning Outcome**
Students will present, discuss, analyze, and critique others work in the spirit of peer to peer collaboration

## TMA 274 - Advanced Film Production - Non-Fiction: Pre-Production

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 373 |

**Teaching Area**
TMA
**Course Title**
Advanced Film Production - Non-Fiction: Pre-Production
**Course Description**
Non-Fiction Advanced Film Productions (AFPs) are peer-mentoring environments provided by the Media Arts Department and initiated by Media Arts majors. While the student initiating a Non-Fiction AFP assumes the primary responsibility for interacting with the Department, the process is collaborative. These advanced projects are generally culminating experiences at the end of a student's undergraduate work (similar to a senior project). Each Non-Fiction AFP comes with associated coursework, class credit, and departmental supervision. Non-Fiction AFPs also receive a large amount of departmental support, through equipment access and funding. This class covers Pre-Production.
**Department**
Theatre & Media Arts
**When Taught**
Fall Term 1; Winter Term 1.

### Credit Hours

**Min**
0.5

## TMA 276 - Exploration of Teaching Theatre

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 276 |

**Teaching Area**
TMA
**Course Title**
Exploration of Teaching Theatre
**Course Description**
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.
**Department**
Theatre & Media Arts
**When Taught**
Fall

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
6

Fixed
3

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

**Other Prerequisites**
Directors and Producers must have taken TMA 394.

**Recommended**
DPs (and 2nd Camera operators if needed) must have taken or be concurrently taking TMA 394 \n\nEditors must have taken or be concurrently taking TMA 273\n\nIt is preferable that Production Sound students have taken, or be concurrently taking, TMA 273, however, it is not required as long as they have taken TMA 185

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 115 - Introduction to Performance Studies

**AND**

**Additional Comments:**

**Other Prerequisites**
Theatre education major status. FBI fingerprint and background clearance.

| Title | Tags |
|---|---|
| Education Theory and Practice | 188914, 1 |

**Learning Outcome**
Understand the theoretical and practical nature of education;

| Title | Tags |
|---|---|
| Teaching Resources | 188930, 7 |

**Learning Outcome**
Learn about teaching resources and information.

| Title | Tags |
|---|---|
| Teaching Experience | 188937, 3 |

**Learning Outcome**
Gain practical teaching experience;

| Title | Tags |
|---|---|
| Learning Styles | 188940, 1 |

**Learning Outcome**
Evaluate a variety of learning styles;

| Title | Tags |
|---|---|
| Lesson Plan Development | 188964, 5 |

**Learning Outcome**
Learn to develop specific lesson plans and educational units;

## TMA 277 - New Media Conceptualization

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
277

## TMA 284R - Practicum: Cinematic Skills

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
284R

TMA 279

**Teaching Area**
TMA
**Course Title**
New Media Conceptualization
**Course Description**
Concepts and techniques for creating new media production.
**Department**
Theatre & Media Arts
**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

| Title | Tags |
|---|---|
| New Media Storytelling | 188592, 1 |

**Learning Outcome**
Understand history, theory, principles of new media storytelling

| Title | Tags |
|---|---|
| Audience-specific New Media Story | 188593, 2 |

**Learning Outcome**
Develop a new media story. focus story to a specific audience.

| Title | Tags |
|---|---|
| Incorporating LDS Themes | 188594, 3 |

**Learning Outcome**
Incorporate lds themes into story in a way that is authentic and accessible to a modern audience.

## TMA 291 - Media Arts History 1

TMA 284R

**Teaching Area**
TMA
**Course Title**
Practicum: Cinematic Skills
**Course Description**
Intermediate cinematic skills.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
6

### Lab Hours

**Fixed**
1

| Title | Tags |
|---|---|
| Cinematic Skills | 189312, 1 |

**Learning Outcome**
Students will participate in a practicum experience that will develop their cinematic skills. (This course has not been offered for a few years. The department is currently reviewing whether or not to offer it again. In the event that we do decide to begin offering it again, we will determine more specific outcomes at that time.)

## TMA 292 - Media Arts History 2

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
291

**Teaching Area**
TMA

**Course Title**
Media Arts History 1

**Course Description**
Survey of social, aesthetic, business, and technical dimensions of film and media from 1895 to 1945.

**Department**
Theatre & Media Arts

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 114 - Reading and Constructing Narratives

**Additional Comments:**

**Title**
World Cinema: 1895 to 1946

**Tags**
188598, 1

**Learning Outcome**
Familiarize students with the history of world cinema from 1895 to 1946 as informing and informed by culture, social history, emerging technologies and industry adaptations, and trends in visual art.

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
292

**Teaching Area**
TMA

**Course Title**
Media Arts History 2

**Course Description**
Survey of social, aesthetic, business, and technical dimensions of film and media from 1946 to present.

**Department**
Theatre & Media Arts

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 114 - Reading and Constructing Narratives

**Additional Comments:**

**Title**
World Cinema: Post-WWII

**Tags**
188599, 1

**Learning Outcome**
To familiarize students with the history of post-WWII world cinema as informing and informed by culture, social history, emerging technologies and industry adaptations, and trends in visual art.

# TMA 293 - History of Documentary and Nonfiction Film

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
293

**Teaching Area**
TMA

**Course Title**
History of Documentary and Nonfiction Film

**Course Description**
Introduction to and contextualization of documentary film from its inception to present.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**

**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 114 - Reading and Constructing Narratives

**Additional Comments:**

| Title | Tags |
|---|---|
| Non-Fiction Films | 188600, 1 |

**Learning Outcome**
To watch a lot of non-fiction films. And enjoy them *perhaps immensely). Meanwhile: to consider the idea of the nonfiction film from its beginning to the present day; to explore a range of approaches, styles, and individuals associated with the documentary idea; to discuss social and ethical issues that emerge around documentary film making; finally to consider how our own lives (as film makers, film critics, and normal people) are informed and shaped by documentary

# TMA 294 - History of Animation

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
294

**Teaching Area**
TMA

**Course Title**
History of Animation

**Course Description**
Origins and developments of animation internationally to the present, focusing on aesthetic, technical, political, and economic aspects of the medium.

**Department**
Theatre & Media Arts

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Media Arts major/minor status or Animation major status or Illustration major status.

| Title | Tags |
|---|---|
| Popular Culture | 189302, 1 |

**Learning Outcome**
Students will be able to discuss animation (film, television, Internet) as a microcosm of the larger aesthetic and social developments of popular culture artifacts.

| Title | Tags |
|---|---|
| Historical Contexts | 189303, 2 |

**Learning Outcome**
Students will be able to examine the relationship of text, subtext, and context in animated fare, as well as understand how animation has influenced and is influenced by art, society,

sensibilities. (or ought to be).

history, and technology.

| Title | Tags |
| --- | --- |
| Genre | 189304, 3 |

**Learning Outcome**
Students will be able to analyze the significance of generic conventions and themes in animation, both diachronically and synchronically.

| Title | Tags |
| --- | --- |
| Secondary Literature | 189305, 4 |

**Learning Outcome**
Students will be able to identify and appraise scholarly material related to animation studies.

## TMA 299R - Academic Internship: Theatre

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
299R

**Teaching Area**
TMA

**Course Title**
Academic Internship: Theatre

**Course Description**
Off-campus experience or internship in theatre arts.

**Department**
Theatre & Media Arts

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
TMA 115. By application only.

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Individual Internship Outcomes | 189255, 1 |

**Learning Outcome**
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

## TMA 299R - Academic Internship

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
299R

**Teaching Area**
TMA

**Course Title**
Academic Internship

**Course Description**
Off-campus experience or internship in theatre or media arts.

**Department**
Theatre & Media Arts

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
By application only.

**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Individual Internship Outcomes | 188605, 1 |

**Learning Outcome**
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

## TMA 299R - Academic Internship: Media

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
299R

**Teaching Area**
TMA

**Course Title**
Academic Internship: Media

**Course Description**
Off-campus experience or internship in media arts.

**Department**
Theatre & Media Arts

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**

## TMA 302 - Studies in British Theatre Performance

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
302

**Teaching Area**
TMA

**Course Title**
Studies in British Theatre Performance

**Course Description**
Analytical and theoretical study of theatre history, dramatic literature, and performance from the Renaissance to the present through pre- and post-performance study and discussion of a play presented in London by some of the world's most notable theatre companies.

**Department**
Theatre & Media Arts

**When Taught**
Spring Term

Min
0.5

Fixed
9

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 114 - Reading and Constructing Narratives
  **AND** TMA 185 - Basic Media Production

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 115 - Introduction to Performance Studies

**Additional Comments:**

**Other Prerequisites**
TMA 112 and 114 and 185/105. By application only.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Individual Internship Outcomes | 189254, 1 |

**Learning Outcome**
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

Spring Term

## Credit Hours

Min
3

Fixed
3

## Lecture Hours

Fixed
3

## Lab Hours

Fixed
0

**Other Prerequisites**
Acceptance in the Theatre in London Study Abroad program

| Title | Tags |
| --- | --- |
| Expand Performance Techniques | 188904, 0, 3 |

**Learning Outcome**
Students will demonstrate a familiarity with a range of techniques in performance.

| Title | Tags |
| --- | --- |
| Discussion Techniques | 188852, 0, 2 |

**Learning Outcome**
Students will engage orally and in writing critical with a theatrical performance in terms of aesthetics, values, and preferences.

# TMA 303R - International Studies in Film & Culture

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
303R

**Teaching Area**
TMA

**Course Title**
International Studies in Film & Culture

**Course Description**
This course offered in conjunction with the Media Arts program's study abroad program will expose students to renowned repertory programs, thorough retrospectives, and the most wide-ranging commercially distributed film offerings in the world. We will enjoy the films themselves along with a host of exemplary scholarly resources (lectures, artist interviews, scholarly notes) from nation-specific institutes of film education. In addition, our program will be distinguished by its emphasis on the ancestor arts and by its access to some of the world's great art institutions. Film is a combination and occasionally a culmination of the arts preceding it. In that spirit, film practitioners as well as students of the arts will be enriched and deepened by their exposure to our host city's rich history and its vast supply of great plays, paintings, buildings, landscapes, and design.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Students must be admitted to the study abroad program.

# TMA 315R - Special Projects 2: Theatre

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
315R

**Teaching Area**
TMA

**Course Title**
Special Projects 2: Theatre

**Course Description**
Intermediate projects in theatre.

**Department**
Theatre & Media Arts

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Theatre and media arts major status. By application only.

| Title | Tags |
| --- | --- |
| Statement On Outcomes | 211685, 0, 1 |

**Learning Outcome**
Because this course serves as an umbrella for a number of different sections that provide a variety of learning experiences, the instructor of each section will list at least three (3) course-level learning outcomes for that section that are in line with the applicable program-level learning outcomes.

# TMA 315R - Special Projects 2: Assistant Stage Managers

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
315R

**Teaching Area**
TMA

**Course Title**
Special Projects 2: Assistant Stage Managers

**Course Description**
Intermediate projects for assistant stage managers.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Concurrent enrollment in TMA 455R. By application only

| Title | Tags |
|---|---|
| Story creation | 189240, 1 |

**Learning Outcome**
Students will begin to conceptualize, write, shoot, and edit fiction and non-fiction stories.

| Title | Tags |
|---|---|
| Text Analysis | 189241, 2 |

**Learning Outcome**
Students will engage with texts about storytelling and production processes.

| Title | Tags |
|---|---|
| Expanding Knowledge | 189242, 3 |

**Learning Outcome**
Students will improve their capacity as story tellers and filmmakers.

# TMA 315R - Special Projects 2

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
315R

**Teaching Area**
TMA

**Course Title**
Special Projects 2

**Course Description**
Intermediate projects in theatre or media arts.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Theatre and media arts major status. By application only.

| Title | Tags |
|---|---|
| Statement on Outcomes | 189168, 19 |

**Learning Outcome**
Because this course serves as an umbrella for a number of different sections that provide a variety of learning experiences, the instructor of each section will list at least three (3) course-level learning outcomes for that section that are in line with the applicable program-level learning outcomes.

## TMA 315R - Special Projects 2: Media.

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
315R

**Teaching Area**
TMA

**Course Title**
Special Projects 2: Media.

**Course Description**
Intermediate projects in media arts.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Theatre and media arts major status. By application only.

**Title**
Story creation

**Tags**
189246, 1

**Learning Outcome**
Students will begin to conceptualize, write, shoot, and edit fiction and non-fiction stories.

**Title**
Text Analysis

**Tags**
189247, 2

**Learning Outcome**
Students will engage with texts about storytelling and production processes.

**Title**
Expanding Knowledge

**Tags**
189248, 3

**Learning Outcome**
Students will improve their capacity as story tellers and filmmakers.

## TMA 315R - Special Projects 2: Young Company Teaching Artists.

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
315R

**Teaching Area**
TMA

**Course Title**
Special Projects 2: Young Company Teaching Artists.

**Course Description**
Intermediate projects for Young Company Teaching Artists.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Concurrent enrollment in TMA 455R. By application only.

**Title**
Story creation

**Tags**
189243, 1

**Learning Outcome**
Students will begin to conceptualize, write, shoot, and edit fiction and non-fiction stories.

**Title**
Text Analysis

**Tags**
189244, 2

**Learning Outcome**
Students will engage with texts about storytelling and production processes.

**Title**
Expanding Knowledge

**Tags**
189245, 3

**Learning Outcome**
Students will improve their capacity as story tellers and filmmakers.

## TMA 316 - Theatre and Media Arts Instruction: Media

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
316
**Teaching Area**
TMA
**Course Title**
Theatre and Media Arts Instruction: Media
**Course Description**
Developing teaching methods and techniques for instruction in the media arts classroom.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

**Credit Hours**

**Min**
2
**Fixed**
2

**Lecture Hours**

**Fixed**
2

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
TMA 102 and TMA 114. Instructor's consent.

## TMA 316 - Theatre and Media Arts Instruction

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
316
**Teaching Area**
TMA
**Course Title**
Theatre and Media Arts Instruction
**Course Description**
Developing teaching methods and techniques for instruction in theatre and media arts classroom.
**Department**
Theatre & Media Arts
**When Taught**
Fall; Winter.

**Credit Hours**

**Min**
1
**Fixed**
3

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Theatre students: instructor's consent. Media arts students: TMA 102 and 114

## TMA 316 - Theatre and Media Arts Instruction: Theatre

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
316
**Teaching Area**
TMA
**Course Title**
Theatre and Media Arts Instruction: Theatre
**Course Description**
Developing teaching methods and techniques for instruction in the theatre classroom.
**Department**
Theatre & Media Arts
**When Taught**
Fall

## TMA 318 - Approaches to Screen Directing

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
318
**Teaching Area**
TMA
**Course Title**
Approaches to Screen Directing
**Course Description**
Practice, view, study, and analyze various cinematic techniques and elements in order to create emphasis for film audiences. The course helps students identify and express the multiple storytelling points of view associated with fiction film direction.
**Department**
Theatre & Media Arts
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 102 - Introduction to Film
  **AND** TMA 114 - Reading and Constructing Narratives

**Additional Comments:**

**Other Prerequisites**
Instructor's consent.

**Title**
Theatre: Effective Teaching Principles

**Tags**
189131, 3

**Learning Outcome**
Students will identify and apply the principles of effective teaching.

**Title**
Theatre: Personal Teaching Philosophy

**Tags**
189132, 4

**Learning Outcome**
Studens will develop a personal philosophy for effective teaching.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 185 - Basic Media Production
  **AND** TMA 114 - Reading and Constructing Narratives

**Additional Comments:**

**Recommended**
TMA 123, TMA 384R

**Title**
Point of View

**Tags**
212835, 0, 1

**Learning Outcome**
Students will demonstrate the ability to direct using the narrative, character, and storyteller points of view.

**Title**
Directing Performance

**Tags**
212836, 0, 2

**Learning Outcome**
Students will collaborate with classmates to stage scenes from existing scripts.

**Title**
Text and Subtext

**Tags**
212837, 0, 3

**Learning Outcome**
Students will demonstrate the ability to express text and subtext through camera, sound, design, performance, and editing.

| Title | Learning Outcome |
| --- | --- |
| Narrative Directing | Students will create finished scenes demostrating the ability to express intenion through point of view, composition, subtext, rising action, performance, movement, blocking, and contrast/affinity across cinematic elements. |

## TMA 321 - Voice Over

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
321

**Teaching Area**
TMA

**Course Title**
Voice Over

**Course Description**
Studio procedures and protocol, skills involved in producing effective reading choices, creation and cataloging voice over characters for commercial and animation voice overs.

**Department**
Theatre & Media Arts

**When Taught**
Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

## TMA 322 - Classical Voice

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
322

**Teaching Area**
TMA

**Course Title**
Classical Voice

**Course Description**
Speech techniques (word stress, inflection, pitch, pace, etc.) applied in the classical play.

**Department**
Theatre & Media Arts

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
BFA acting or MDT major status. BFA acting majors: TMA 222 and 228. BFA MDT majors: TMA 121 and 228.

| Title | Tags |
| --- | --- |
| Standard American Stage Dialect & International Phonetic Alphabet | 188492, 0, 3 |

**Learning Outcome**
Students will demonstrate

**Complete ALL of the following Courses:**

- TMA 123 - Acting Fundamentals

Prerequisites

**Complete ALL of the following Courses:**

- TMA 128 - Acting 1: BFA or Pre-BFA

**Additional Comments:**

**Other Prerequisites**
Approval to add required from BFA Acting Program Area Head.

**Recommended**
TMA 121; TMA 122

**Note**
For BFA Acting and MDT majors and majors for which the study of voice over technique is relevant and important such as Media Arts, Animation, Theatre Arts Studies, and Advertising.

| Title | Tags |
|---|---|
| Fluency | 188491, 3 |

**Learning Outcome**
Students will demonstrate fluency in studio protocol and terminology.

| Title | Tags |
|---|---|
| Evaluation and Peer Coaching | 188490, 0, 2 |

**Learning Outcome**
Students will self-evaluate progress and practice effective and supportive peer coaching.

| Title | Tags |
|---|---|
| Technique | 188489, 0, 1 |

**Learning Outcome**
Students will demonstrate the ability to recognize, create, perform with, and talk about authenticity and proficiency in voice over recording.

mastery of Standard American Stage dialect and the International Phonetic Alphabet (IPA).

| Title | Tags |
|---|---|
| Self-Evaluation & Peer Coaching | 212901, 0, 4 |

**Learning Outcome**
Students will self-evaluate progress and practice effective and supportive peer coaching.

| Title | Tags |
|---|---|
| Work Ethic | 212902, 0, 5 |

**Learning Outcome**
Students will practice professional work habits of dependability, punctuality, preparation, collaborations and the ability to make independent choices.

| Title | Tags |
|---|---|
| Voice Production & Exploration | 189275, 0, 1 |

**Learning Outcome**
Students will practice voice production techniques integrating voice work, body awareness, and emotional dexterity as well as explore a variety of voice pedagogies and apply the techniques to the performance of classical texts.

## TMA 323R - Kennedy Center American College Theatre Festival

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
323R

**Teaching Area**
TMA

**Course Title**
Kennedy Center American College Theatre Festival

**Course Description**
Coaching students who will participate in the Kennedy Center American College Theatre Festival.

**Department**

## TMA 324 - Acting Classics

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
324

**Teaching Area**
TMA

**Course Title**
Acting Classics

**Course Description**
Acting skills helpful in classical literature, emphasizing Shakespearean scansion and text analysis.

**Department**
Theatre & Media Arts

**When Taught**

Theatre & Media Arts
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
By application only

| Title | Tags |
|---|---|
| Participation | 210873, 0, 2 |

**Learning Outcome**
Students will attend the Region VIII American College Theatre Festival and report on their experience.

| Title | Tags |
|---|---|
| Preparation | 189157, 0, 1 |

**Learning Outcome**
Students will prepare to attend the Region VIII Kennedy Center American College Theatre Festival.

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 222 - Voice Production and Phonetics 2
  **AND** TMA 228 - Acting 2

**Additional Comments:**

**Other Prerequisites**
BFA acting major status. By audition only

| Title | Tags |
|---|---|
| Scansion and Folio Text Analysis | 188493, 1 |

**Learning Outcome**
Students will show proficiency with scansion and folio text analysis for Shakespearean text.

| Title | Tags |
|---|---|
| Skill Integration in Performance | 188494, 2 |

**Learning Outcome**
Students will apply fundamental acting principles and vocal techniques to the performance of assigned scenes and monologues from classical texts.

| Title | Tags |
|---|---|
| Play and Character Analysis | 188495, 3 |

**Learning Outcome**
Students will demonstrate their ability to analyze a play from an

actor's point of view and choose objectives, actions, and obstacles congruent with the historical text.

| Title | Tags |
| --- | --- |
| Work Ethic | 188496, 0, 4 |

**Learning Outcome**
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

## TMA 325 - Stage Combat

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 325 |

**Teaching Area**
TMA
**Course Title**
Stage Combat
**Course Description**
Skills of safe hand-to-hand combat, including use of rapier, dagger, and broadsword, for stage and screen.
**Department**
Theatre & Media Arts
**When Taught**
Fall

#### Credit Hours

**Min**
2

**Fixed**
2

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## TMA 326R - Divine Comedy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 326R |

**Teaching Area**
TMA
**Course Title**
Divine Comedy
**Course Description**
Participation as performers, writers, directors, or crew members of a sketch comedy group.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
By audition only

Prerequisites

**Complete ALL of the following Courses:**

- TMA 125 - Yoga and Alexander Technique
  **AND** TMA 127 - Beginning Stage Combat
  **AND** TMA 225 - Neutral Mask

**Additional Comments:**

**Other Prerequisites**
BFA acting major status.

| Title | Tags |
|---|---|
| Body Awareness and Storytelling | 188501, 5 |

**Learning Outcome**
Students will demonstrate a deeper awareness of body and its impact on the storytelling process in scene work.

| Title | Tags |
|---|---|
| Physical Coordination | 188498, 0, 2 |

**Learning Outcome**
Students will demonstrate improved individual physical coordination through modeling correct fighting techniques for rapier, rapier and dagger and broadsword.

| Title | Tags |
|---|---|
| Terrminology | 188499, 0, 3 |

**Learning Outcome**
Students will use various technical terms from a glossary of Society of American Fight Directors Lexicon.

## TMA 329 - Theatre and Film Acting Conservatory

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TMA | 329 |

**Teaching Area**
TMA
**Course Title**
Theatre and Film Acting Conservatory
**Course Description**
Extensive work on a theatre or film project through semester, culminating in performance of play or preview of film/video.
**Department**
Theatre & Media Arts
**When Taught**
Winter Even Years

## TMA 330R - Assistant Directing

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TMA | 330R |

**Teaching Area**
TMA
**Course Title**
Assistant Directing
**Course Description**
Assisting directors for departmental productions.
**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

**Credit Hours**

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 122 - Voice Production and Phonetics 1
  **AND** TMA 224 - Acting for Film and TV

**Additional Comments:**

**Other Prerequisites**
BFA acting major status. By audition only.

| Title | Tags |
|---|---|
| Script Analysis | 188502, 0, 1 |

**Learning Outcome**
Students will analyze a performance script.

| Title | Tags |
|---|---|
| Collaboration | 188505, 0, 4 |

**Learning Outcome**
Students will collaborate with the conservatory company in order to develop a trusting ensemble in the creation of an artistic work.

| Title | Tags |
|---|---|
| Expanding Comfort Zone | 188504, 0, 3 |

**Learning Outcome**
Students will demonstrate the ability to push the limits of their comfort zone in terms of personal acting habits and practices.

## TMA 331 - Directing Narrative Literature

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

### Lab Hours

**Fixed**
9

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 336 - Stage Directing 1: Principles and Practices

**Additional Comments:**

**Other Prerequisites**
Theatre arts studies major status. Instructor's consent.

| Title | Tags |
|---|---|
| Directing Practice | 209089, 0, 3 |

**Learning Outcome**
Students will create performance under the direction of a faculty mentor.

| Title | Tags |
|---|---|
| Best Practices | 209090, 0, 4 |

**Learning Outcome**
Student will identify best practices in directing in the laboratory of pre-production, rehearsal, and technical rehearsal for a mainstage production.

## TMA 336 - Stage Directing 1: Principles and

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
331

**Teaching Area**
TMA

**Course Title**
Directing Narrative Literature

**Course Description**
Theory and practice of adapting, directing, and performing nondramatic literature. Readers Theatre.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 115 - Introduction to Performance Studies

**Additional Comments:**

**Other Prerequisites**
Theatre arts studies major status.

| Title | Tags |
|---|---|
| Creative Foundations | 189141, 1 |

**Learning Outcome**
Gain experience selecting, adapting and performing various forms of narrative literature and other written materials.

| Title | Tags |
|---|---|
| Production Processes | 189142, 2 |

**Learning Outcome**

## Practices

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
336

**Teaching Area**
TMA

**Course Title**
Stage Directing 1: Principles and Practices

**Course Description**
Theories and processes of taking a scene from script to production. Lab required.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 240 - Playmaking

**Additional Comments:**

**Other Prerequisites**
Or instructor's consent

Learn to adapt, direct and perform a style of theatre that offers an alternative to conventional theatre within the boundaries of church, community, educational organizations, and professional theatre.

**Title**
Collaboration and Character Building

**Tags**
189143, 3

**Learning Outcome**
Instill in our hearts and minds the vision and skills necessary to enter a ward or stake community, a classroom, a community theatre or a professional theatre and use narrative performance techniques to bring people to Christ.

## TMA 341R - Screenwriting 2

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
341R

**Teaching Area**
TMA

**Course Title**
Screenwriting 2

**Course Description**
Intermediate conceptualization, screenwriting, and development for narrative or nonnarrative projects.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## TMA 342 - Screenwriting 2: Writers Room

### Course Information

**Course Number**
342

**Teaching Area**
TMA

**Course Title**
Screenwriting 2: Writers Room

**Course Description**
TMA 342 focuses on the collaborative process of episodic storytelling within a writers room. Students will function as staff writers and story editors for their own material and the material of the other writers in the creation of an episodic narrative.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

### Credit Hours

**Fixed**
3

### Lecture Hours

**Fixed**
4

**Simple Requisites**

**Untitled Requirement**
**Type**
Prerequisite

Fixed
0

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- TMA 114 - Reading and Constructing Narratives
  **AND** TMA 241 - Screenwriting 1

Additional Comments:

Other Prerequisites
major status. By application only.
Note
TMA 241 prerequisite can be waived for TMA 341R: Writers Room section with instructor approval.

| Title | Tags |
|---|---|
| Short/Medium Form Screenwriting | 188607, 1 |

Learning Outcome
The purpose of this class is to assist the student in continuing to develop as a screenwriter, and especially to hone the student's short/medium form screenwriting abilities. The importance of reading as it relates to quality writing will also be stressed.

Complete ALL of the following Courses:
- TMA 114 - Reading and Constructing Narratives

Additional Comments:

| Title | Tags |
|---|---|
| Collaboration | 212838, 0, 1 |

Learning Outcome
Students will collaborate on the creation of a media series or long-form piece. They will conceptualize and execute the writing of the script in a team environment.

| Title | Tags |
|---|---|
| Story Structure | 212839, 0, 2 |

Learning Outcome
Students will demonstrate the ability to create tension and forward movement in narrative storytelling by applying fundamental story structure to their material.

| Title | Tags |
|---|---|
| Story Editing | 212840, 0, 3 |

Learning Outcome
Students will demonstrate the ability to eliminate excess or irrelevance in their own scripts and in the scripts of their colleagues.

| Title | Tags |
|---|---|
| Writer's Room | 212841, 0, 4 |

Learning Outcome
Students will execute the creation of a story employing a rudimentary writer's room model.

## TMA 351 - Playwriting 2

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TMA | 351 |

Teaching Area
TMA
Course Title
Playwriting 2

## TMA 352 - Drama in the Elementary Classroom

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TMA | 352 |

Teaching Area
TMA
Course Title

**Course Description**
Workshop course designed to assist more advanced students in furthering their playwriting skills by writing the first draft of a full-length play.
**Department**
Theatre & Media Arts
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 251 - Playwriting 1

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags |
|---|---|
| Writing Processes | 188510, 0, 1 |

**Learning Outcome**
Students will establish their own successful writing process.

| Title | Tags |
|---|---|
| Theatrical Storytelling | 188511, 0, 2 |

**Learning Outcome**
Students will begin to master the elements and principles of theatrical storytelling and character development.

| Title | Tags |
|---|---|
| Theatrical Structures | 188512, 0, 3 |

Drama in the Elementary Classroom
**Course Description**
Varied teaching methodologies for application of drama within the pre-K--6 classroom. Dual emphasis on Utah state elementary drama standards as well as integration with core curricula.
**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

**Other Prerequisites**
Theatre education major status: TMA 101 or 102; TMA 276. Or early childhood education or elementary education major status. Or instructor's consent.
**Note**
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Theatre Presentation and Activities | 188958, 0, 1 |

**Learning Outcome**

Successful students in this course will be able to create and perform collaborative theatre presentations and utilize creative drama with confidence and skill.

| Title | Tags |
|---|---|
| Dramatic Activities: USOE Curriculum | 188982, 0, 0 |

**Learning Outcome**

Successful students in this course will be able to use drama/theatre to effectively teach across the Utah State Office of Education's (USOE) core and drama curriculum for elementary school grades.

Learning Outcome
Students will apply appropriate elements of theatrical structures and character development to their original plays.

| Title | Tags |
| --- | --- |
| Script Analysis | 188513, 0, 4 |

Learning Outcome
Students will demonstrate the skills to accurately and thoughtfully analyze and re-write their own plays.

## TMA 355 - Acting Pedagogy

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 355 |

Teaching Area
TMA
Course Title
Acting Pedagogy
Course Description
Students will become perceptive, inquisitive, practical theatre artists and educators by researching, performing, and teaching diverse acting pedagogies.\n
Department
Theatre & Media Arts
When Taught
Winter

#### Credit Hours

Min
2

Fixed
2

#### Lecture Hours

Fixed
4

#### Lab Hours

Fixed
0

Recommended
It is recommended that students have taken TMA 123 or have a basic understanding of the tenets of acting

## TMA 356R - Stage Management 2 - Assistant Stage Management

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 356R |

Teaching Area
TMA
Course Title
Stage Management 2 - Assistant Stage Management
Course Description
Students will learn skills of stage management in pre-production, rehearsals, tech rehearsals, performance/calling a show, and post-production responsibilities within educational, community, and professional settings.
Department
Theatre & Media Arts
When Taught
Fall, Winter, Spring

#### Credit Hours

Min
0.5

Fixed
6

Simple Requisites

Prerequisites
Type
Prerequisite

Prerequisites
Complete ALL of the following Courses:
- TMA 256 - Stage Management 1

Additional Comments:

Other Prerequisites
Instructor's consent.

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Skill Development | 214503, 0, 1, 2023-08-29 13:10:18 |

**Learning Outcome**
Students will apply complex skills of stage management in pre-production, rehearsals, tech rehearsals, performance/calling a show, and post-production responsibilities within educational, community, and professional settings.

| Title | Tags |
| --- | --- |
| Professional Skills | 214504, 0, 2, 2023-08-29 13:10:20 |

**Learning Outcome**
Students will prepare for employment opportunities within educational, community, and professional settings.

| Title | Tags |
| --- | --- |
| Portfolio | 214505, 0, 3, 2023-08-29 13:10:22 |

**Learning Outcome**
Students will synthesize their stage management responsibilities into a portfolio.

## TMA 360R - Theatre Production 3: Scenery/Props.

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
360R
**Teaching Area**
TMA
**Course Title**
Theatre Production 3: Scenery/Props.
**Course Description**
Advanced practical experience in the scenery or prop shops, or backstage experience on realized productions.
**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Lecture Hours**

**Fixed**
0

**Other Prerequisites**
TMA 160 and instructor's consent.

**Title**
Advanced Technical Production Experience
**Tags**
207419, 1

**Learning Outcome**
Students will participate in a hands-on experience in a technical area such as wardrobe, lighting, sound, or as a member of the backstage crew for a fully-realized production.

## TMA 360R - Theatre Production 3: Costume/Makeup.

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
360R
**Teaching Area**
TMA
**Course Title**
Theatre Production 3: Costume/Makeup.
**Course Description**
Advanced practical experience in the costume shop or make-up lab, or backstage experience on realized productions.
**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

**Credit Hours**

**Min**
0.5

**Fixed**
3

**Lecture Hours**

**Fixed**
0

**Other Prerequisites**
TMA 160 and instructor's consent.

**Title**
Advanced Technical Production Experience
**Tags**
189261, 1

**Learning Outcome**
Students will participate in a hands-on experience in costuming and makeup for a fully-realized production.

## TMA 360R - Theatre Production 3

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
360R
**Teaching Area**
TMA
**Course Title**
Theatre Production 3
**Course Description**
Advanced practical experience in specialized shops or backstage experience on realized productions.

## TMA 360R - Theatre Production 3: Lights/Sound.

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
360R
**Teaching Area**
TMA
**Course Title**
Theatre Production 3: Lights/Sound.
**Course Description**
Advanced practical experience in the lighting or sound labs, or

**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
and instructor's consent.

| Title | Tags |
| --- | --- |
| Performance Practice | 189195, 0, 1 |

**Learning Outcome**
Students will apply the basics skills of stage management as an assistant stage manager on a BYU production.

[illegible] backstage experience on realized productions.

**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

**Additional Comments:**

**Other Prerequisites**
TMA 160 and instructor's consent.

**Title**
Advanced Technical Production Experience

**Tags**
189260, 1

**Learning Outcome**
Students will participate in a hands-on experience in lights and sounds for a fully-realized production.

## TMA 362 - Costume Design.

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
362

**Teaching Area**
TMA

**Course Title**
Costume Design.

**Course Description**
Comprehensive course in costume design for stage and screen; renderings; costume theory; script research; costume paperwork; collaboration techniques; preparation for work as assistant and/or full designer positions in departmental productions.

**Department**
Theatre & Media Arts

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 259 - Principles of Design for Stage

## TMA 363 - Scenic Design

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
363

**Teaching Area**
TMA

**Course Title**
Scenic Design

**Course Description**
Comprehensive course in scenic design for stage and screen: scenic history and theory; renderings and model construction; script research; scenic paperwork; collaboration techniques; preparation for work as assistant and/or full designer positions in departmental productions.

**Department**
Theatre & Media Arts

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 259 - Principles of Design for Stage

**Additional Comments:**

| Other Prerequisites | Recommended |
| --- | --- |
| Or instructor's consent. | TMA 462 or concurrent enrollment |

| Title | Tags |
| --- | --- |
| Concept and Approach | 189016, 0 |

**Learning Outcome**
Students will apply script analysis and the use of a director's concept in the creation of an effective costume design for a production.

| Title | Tags |
| --- | --- |
| Portfolio | 207404, 3 |

**Learning Outcome**
Students will produce effective visual materials for personal portfolios and demonstrate an ability to constructively critique other designers.

| Title | Tags |
| --- | --- |
| Professional Skills | 207403, 0, 2 |

**Learning Outcome**
Students will demonstrate professional costume-rendering and graphic skills in figure proportions, stance, and fabric representation.

| Title | Tags |
| --- | --- |
| Communication and Collaboration | 188933, 0, 1 |

**Learning Outcome**
Students will demonstrate collaborative communication verbally, in visual presentation, and through costume rendering as preparation for costume design assignments in the Department of Theatre & Media Arts.

**Additional Comments:**

| Other Prerequisites | Recommended |
| --- | --- |
| TMA 258 (concurrent enrollment allowed) or instructor's consent. | TMA 366R or concurrent enrollment |

| Title | Tags |
| --- | --- |
| Portfolio | 207408, 3 |

**Learning Outcome**
Students will produce effective visual materials for personal portfolios and demonstrate an ability to constructively critique other designers.

| Title | Tags |
| --- | --- |
| Art Skills | 207409, 0, 1 |

**Learning Outcome**
Students will demonstrate professional rendering, drafting, modeling, and design skills for theoretical stage-design projects.

| Title | Tags |
| --- | --- |
| Scene Design Skills | 188870, 0, 2 |

**Learning Outcome**
Students will employ the skills of collaboration, script analysis, research, and aural and visual commnication to define and resolve the challenges of scene design for theatre and media productions.

## TMA 364 - Lighting Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 364 |

**Teaching Area**
TMA

**Course Title**

## TMA 365 - Sound Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 365 |

**Teaching Area**
TMA

**Course Title**

**Course Title**
Lighting Design
**Course Description**
Comprehensive course in lighting design for stage: collaboration techniques; lighting theory; instruments and lighting systems; preparation for work as assistant and/or full designer positions in departmental productions.
**Department**
Theatre & Media Arts
**When Taught**
Fall.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 264 - Theatre Lighting 1

**Additional Comments:**

**Other Prerequisites**
Or instructor's consent.

**Recommended**
TMA 258, TMA 259

| Title | Tags | Learning Outcome |
|---|---|---|
| Design Process | 189010, 1 | Students will practice a process for designing light for live performance. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Design Portfolio | 188887, 0, 3 | Students will produce effective visual materials for a design portfolio. |

**Course Title**
Sound Design
**Course Description**
Comprehensive course in sound design for stage: sound reinforcement; stage equipment; sound space design; collaboration techniques; preparation for work as assistant and/or full designer positions in departmental productions.
**Department**
Theatre & Media Arts
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 259 - Principles of Design for Stage

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

| Title | Tags | Learning Outcome |
|---|---|---|
| Design Collaboration | 207411, 0, 1 | Students will communicate effectively and collaborate with other personnel, including directors and other designers. |

| Title | Tags | Learning Outcome |
|---|---|---|
| Design Concept | 207410, 0, 0 | Students will showcase their comprehension of sound's impact and implementation in theatrical designs. |

| Title | Tags |
| --- | --- |
| Lighting Technology | 212259, 0, 2 |

**Learning Outcome**
Students will set up, program, and troubleshoot lighting control systems.

| Title | Tags |
| --- | --- |
| Technical Design | 207414, 0, 2 |

**Learning Outcome**
Students will compose and present clear and accurate technical documentation for their sound designs.

| Title | Tags |
| --- | --- |
| Design Portfolio | 207413, 0, 3 |

**Learning Outcome**
Students will produce effective portfolio material and evaluate other student's work in productive, meaningful ways.

## TMA 366R - Production Topics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 366R |

**Teaching Area**
TMA
**Course Title**
Production Topics
**Course Description**
Topical theory and skill training in specialized performance support areas of theatre design and technology.
**Department**
Theatre & Media Arts
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

| Title | Tags |
| --- | --- |
| Professional Skills | 207420, 0 |

**Learning Outcome**
Students will demonstrate professional skills in intermediate topic areas as preparation for realized production work.

## TMA 367 - Makeup Design

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 367 |

**Teaching Area**
TMA
**Course Title**
Makeup Design
**Course Description**
\tComprehensive course in makeup design for stage and screen: prosthetics; advanced makeup effects; makeup theory; script research; collaboration techniques; preparation for work as assistant and/or full designer positions in departmental productions.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 259 - Principles of Design for Stage
  **AND** TMA 267 - Principles of Makeup

**Additional Comments:**

**Other Prerequisites**
or instructor consent

| Title | Tags |
| --- | --- |
| Design Theory | 189036, 3 |

**Learning Outcome**
Students will employ basic design principles in analyzing and creating makeup designs for various projects.

| Title | Tags |
| --- | --- |
| Concept and Approach | 207415, 0 |

**Learning Outcome**
Students will apply script analysis and the use of a director's concept in the creation of an effective makeup design for a production.

| Title | Tags |
| --- | --- |
| Professional Skills | 207417, 2 |

**Learning Outcome**
Students will demonstrate professional rendering and graphic skills in makeup, hair, and prosthetic design and construction.

| Title | Tags |
| --- | --- |
| Portfolio | 207418, 3 |

**Learning Outcome**
Students will produce effective visual materials for personal portfolios and demonstrate an ability to constructively critique other designers.

## TMA 368 - Scenic Art

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
368

**Teaching Area**
TMA

**Course Title**
Scenic Art

**Course Description**
Basic approaches to painting and finishing scenic elements. Priming, lay-in, texturing, and effects. Possible work painting on departmental productions.

**Department**
Theatre & Media Arts

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Title**
Technical Training

**Tags**
189085, 0, 1

**Learning Outcome**
Students will employ scenic painting techniques in theoretical and realized projects, including the use of textures, graining, marbleizing, washes, bricks, stone, drapery, distressing, as well as other methods used by scenic artists.

## TMA 369R - Design Practicum

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
369R

**Teaching Area**
TMA

**Course Title**
Design Practicum

**Course Description**
Practical experience working as assistant designers; practicum experience in related performance design and/or technology topic areas.

**Department**
Theatre & Media Arts

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 259 - Principles of Design for Stage

**Additional Comments:**

**Other Prerequisites**
TMA 259 or instructor's consent.

**Title**
Performance Practice

**Tags**
189263, 0, 1

**Learning Outcome**
Students will support a fully-mounted production as an assistant designer or as a shop technician.

## TMA 369R - Design and Technology Projects 1: Assistant Stage Managers.

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
369R

**Teaching Area**
TMA

**Course Title**
Design and Technology Projects 1: Assistant Stage Managers.

**Course Description**
Practical experience working as main season assistant stage managers; related topics.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
6

**Other Prerequisites**
Theatre arts studies major or minor status. Concurrent enrollment in TMA 360 and 361. Instructor's consent

| Title | Tags |
| --- | --- |
| Performance Practice | 189083, 0, 0 |

**Learning Outcome**
Students will create an element of Theatre in a fully-mounted production.

## TMA 369R - Design and Technology Projects 1: Young Ambassadors.

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
369R

**Teaching Area**
TMA

**Course Title**
Design and Technology Projects 1: Young Ambassadors.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
4

**Other Prerequisites**
Or instructor's consent.

| Title | Tags |
| --- | --- |
| Production Experience | 189262, 1 |

**Learning Outcome**
Students will create an element of Theatre in a fully-mounted production.

## TMA 370R - Practicum: Television

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
370R
**Teaching Area**
TMA
**Course Title**
Practicum: Television
**Course Description**
Practicum in advanced mentored television productions offered as needed for student projects.
**Department**
Theatre & Media Arts
**When Taught**
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

### Credit Hours

**Min**
1
**Fixed**
6

### Lab Hours

**Fixed**
1

**Title**
Production Experience
**Tags**
189196, 1
**Learning Outcome**
Students will create an element of Theatre in a fully-mounted production.

**Title**
General
**Tags**
188955, 1
**Learning Outcome**
2. Learn some general “technical stuff” about creating nicer movies for the internet as well astelevision/DVD.

**Title**
Animations
**Tags**
189041, 2
**Learning Outcome**
3. Create a nifty animation (or two).

## TMA 372R - Media Collaboration

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
372R
**Teaching Area**
TMA
**Course Title**
Media Collaboration
**Course Description**
Experience collaborating with senior capstone media arts experience.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5
**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- TMA 187 - Production Management: Beginning

**Additional Comments:**

**Other Prerequisites**
Major status. By application only.
**Note**
Concurrent enrollment in TMA 187 can be approved by instructor.

**Title**
Professional Crew Experience
**Tags**
188608, 1
**Learning Outcome**
This course should give students the opportunities to gain professional film crew experience by working on approved institutional productions.

## TMA 374 - Advanced Film Production - Non-

## TMA 375 - Creative Drama

# Fiction: Production

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
374

**Teaching Area**
TMA

**Course Title**
Advanced Film Production - Non-Fiction: Production

**Course Description**
Non-Fiction Advanced Film Productions (AFPs) are peer-mentoring environments provided by the Media Arts Department and initiated by Media Arts majors. While the student initiating a Non-Fiction AFP assumes the primary responsibility for interacting with the Department, the process is collaborative. These advanced projects are generally culminating experiences at the end of a student's undergraduate work (similar to a senior project). Each Non-Fiction AFP comes with associated coursework, class credit, and departmental supervision. Non-Fiction AFPs also receive a large amount of departmental support, through equipment access and funding. This class covers Pre-Production.

**Department**
Theatre & Media Arts

**When Taught**
Fall Term 2; Winter Term 2.

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Directors and Producers must have taken TMA 394.

**Recommended**
DPs (and 2nd Camera operators if needed) must have taken or be concurrently taking TMA 394 \n\nEditors must have taken or be concurrently taking TMA 273\n\nIt is preferable that Production Sound students have taken, or be concurrently taking, TMA 273, however, it is not required as long as they have taken TMA 185

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
375

**Teaching Area**
TMA

**Course Title**
Creative Drama

**Course Description**
Theory and methods of teaching drama to young people, grades K-6. Emphasis on creative drama, process drama and contemporary trends in drama pedagogy at the elementary level.

**Department**
Theatre & Media Arts

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Title**
3.

**Tags**
189072, 2

**Learning Outcome**
Successful students in this course will be able to identify and implement 21st Century Learning Skills in their drama-based curriculum.

**Title**
2.

**Tags**
189025, 0, 1

**Learning Outcome**
Successful students in this course will be able to employ the process of informal drama towards teaching and learning with confidence and skill.

**Title**
1.

**Tags**
189116, 0, 0

**Learning Outcome**
Successful students in this course will be able to utilize various dramatic strategies to effectively teach drama and non-drama curriculum for grades K-5.

## TMA 377B - Theatre Methods and Instruction: Secondary Curriculum

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
377B
**Teaching Area**
TMA
**Course Title**
Theatre Methods and Instruction: Secondary Curriculum
**Course Description**
Developing meaningful and engaging instruction for secondary students in theatre; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.
**Department**
Theatre & Media Arts
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**

- **AND** TMA 276 - Exploration of Teaching Theatre

**Additional Comments:**

## TMA 377C - Theatre Methods and Instruction: Applied Theatre

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
377C
**Teaching Area**
TMA
**Course Title**
Theatre Methods and Instruction: Applied Theatre
**Course Description**
Practicing contemporary theatre-in-education (TIE) methods to be employed in practical secondary education settings.
**Department**
Theatre & Media Arts
**When Taught**
Fall

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Title**
Applied Theatre Performances and Workshops
**Tags**
189009, 2
**Learning Outcome**
Successful students in this course will be able to create and facilitate Applied Theatre performances and workshops.

**Title**
TIE and TO Experiences
**Tags**
189118, 1

**Other Prerequisites**
Theatre education major or minor status. FBI fingerprint and background clearance.
**Note**
NOTE: For help with questions about fingerprint clearance, contact the McKay School of Education Advisement Center.

| Title | Tags |
| --- | --- |
| Diverse Learners | 188858, 4 |

**Learning Outcome**
Create a nurturing and motivating learning environment that helps diverse learners succeed.

| Title | Tags |
| --- | --- |
| Instructional Design and Delivery | 188947, 2 |

**Learning Outcome**
Design and deliver instruction to help young learners develop proficiency in theatre content and critical thinking.

| Title | Tags |
| --- | --- |
| Assessment Development and Use | 188954, 7 |

**Learning Outcome**
Create and use assessments to evaluate learners as well as the effectiveness of their own instruction.

| Title | Tags |
| --- | --- |
| Lesson Planning and Pedagogical Strategies | 189064, 5 |

**Learning Outcome**
Plan lessons, units and courses based on the understanding of theatre content and theatre standards, as well as pedagogical strategies.

| Title | Tags |
| --- | --- |
| Teaching Competency | 189098, 0 |

**Learning Outcome**
Demonstrate competency in theatre content and the pedagogical presentation of theatre concepts.

**Learning Outcome**
Successful students in this course will be able to facilitate the devising process for Theatre in Education (TIE) and Theatre of the Oppressed (TO) experiences.

## TMA 377D - Theatre Methods and

## TMA 378R - New Media Producing and

## TMA 377D - Theatre Methods and Instruction: Elementary Curriculum

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
377D

**Teaching Area**
TMA

**Course Title**
Theatre Methods and Instruction: Elementary Curriculum

**Course Description**
Practicing contemporary elementary education methods students will later employ in practical education settings.

**Department**
Theatre & Media Arts

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Theatre Education major status. FBI fingerprint and background clearance

**Title**
Drama and Education Methodologies

**Tags**
188885, 4

**Learning Outcome**
Successful students in TMA 377D will reflect on current methodology regarding drama and education.

**Title**
Lesson and Unit Planning

**Tags**
188903, 0

**Learning Outcome**
Successful students in TMA 377D will plan lessons and units based on their understanding of state and national K-6 drama and core curriculum standards.

## TMA 378R - New Media Producing and Directing

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
378R

**Teaching Area**
TMA

**Course Title**
New Media Producing and Directing

**Course Description**
Pre-production and production of short projects. Discussion and individual/group experiences and critiques.

**Department**
Theatre & Media Arts

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 277 - New Media Conceptualization

**Additional Comments:**

**Other Prerequisites**
Media arts major or minor status

**Tags**
188970, 1

**Learning Outcome**
This course is currently on hiatus.

| Title | Tags |
| --- | --- |
| Personal Competence | 188946, 5 |

**Learning Outcome**
Successful students in TMA 377D will reflect on their personal competence, and the effects of their own instructional choices, and seek opportunities for improvement.

| Title | Tags |
| --- | --- |
| Instructional Design and Delivery | 188977, 2 |

**Learning Outcome**
Successful students in TMA 377D will design and deliver instructions to help elementary students develop skills in drama and core curriculum content.

| Title | Tags |
| --- | --- |
| Advocacy in the Arts | 189103, 3 |

**Learning Outcome**
Successful students in TMA 377D will demonstrate ability to advocate for the arts in an elementary setting.

## TMA 379R - Design Studio

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
379R
**Teaching Area**
TMA
**Course Title**
Design Studio
**Course Description**
Performance design studio experience in team collaboration, portfolio building, and faculty mentored projects.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

## TMA 380 - Production Dramaturgy

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
380
**Teaching Area**
TMA
**Course Title**
Production Dramaturgy
**Course Description**
Research and apply hands-on theatrical skills in four critical studies areas: literary management, production dramaturgy, new play development, educational outreach.
**Department**
Theatre & Media Arts
**When Taught**
Fall.

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 259 - Principles of Design for Stage

**Additional Comments:**

Other Prerequisites
Complete one or more of TMA 362, 363, 364, 365, and 367; or instructor's consent.

| Title | Tags |
|---|---|
| Technical Training | 189158, 0, 1 |

Learning Outcome
Students will identify and apply design step-by-step processes in the realization of in-class projects for portfolio development.

### Lecture Hours

Fixed
4

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 115 - Introduction to Performance Studies

**Additional Comments:**

Other Prerequisites
or instructor's consent.

| Title | Tags |
|---|---|
| Self-Assessment | 188855, 3 |

Learning Outcome
Students will assess their own dramaturgical work and practices.

| Title | Tags |
|---|---|
| Collaboration | 188859, 1 |

Learning Outcome
Students will collaborate with others in dramaturgical exercises.

| Title | Tags |
|---|---|
| Evaluate Dramaturgy | 189001, 0 |

Learning Outcome
Students will evaluate dramaturgical documents, presentations, and practices.

| Title | Tags |
|---|---|
| Do Dramaturgy | 189054, 2 |

Learning Outcome
Students will generate dramaturgical documents.

## TMA 384R - Practicum: Cinematic Skills

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
384R
**Teaching Area**
TMA
**Course Title**
Practicum: Cinematic Skills
**Course Description**
Advanced cinematic skills.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
1
**Fixed**
6

#### Lab Hours

**Fixed**
1

**Title**
Production Skill Sets
**Tags**
188611, 0, 2
**Learning Outcome**
Students will learn individual and collaborative behind-the-camera principles and practices, including producing, directing, interviewing, shooting, sound creation, editing, and visual effects.

**Title**
Practical Cinematic Skills
**Tags**
188609, 0, 1
**Learning Outcome**
Students will learn to use logistical and technological tools of cinema, including production management, cinematography, lighting, sound acquisition and design, editing, visual and practical effects, and post-production, to prepare for positions in the film and television industry.

## TMA 387 - Production Management: Advanced

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
387
**Teaching Area**
TMA
**Course Title**
Production Management: Advanced
**Course Description**
Overview of techniques for managing large arts projects, involving individual and team projects.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- TMA 187 - Production Management: Beginning

**Additional Comments:**

**Other Prerequisites**
media arts major status; media arts foundation courses.

**Title**
Detecting Good Stories
**Tags**
188613, 1
**Learning Outcome**
Detect good stories and what to do next.

**Title**
Producer Role and Responsibilities
**Tags**
188614, 2

| | |
|---|---|
| responsibilities | 188614, 2 |

**Learning Outcome**
Further understand what a producer is, specificall the creative sides to a producer; better understand producing through the research of successful producers past and present.

| Title | Tags |
|---|---|
| The Current Film Industry | 188615, 3 |

**Learning Outcome**
Find necessary information to keep current on the film industry, including researching and finding box office numbers; individuals active in the industry; how problems are addressed and solved; marketing; etc.

## TMA 388R - Media Arts Crew

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
388R

**Teaching Area**
TMA

**Course Title**
Media Arts Crew

**Course Description**
Practical supervised experience in media arts production. Exposure to protocols, as well as organizational and technical aspects.

**Department**
Theatre & Media Arts

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 114 - Reading and Constructing Narratives
  **AND** TMA 185 - Basic Media Production

**Additional Comments:**

**Other Prerequisites**
By application only.

**Title**
Professional Crew Experience

**Tags**
188616, 1

**Learning Outcome**
This course should give students the opportunities to gain professional film crew experience by working on approved professional productions.

## TMA 389R - Producing Symposium

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
389R

**Teaching Area**
TMA

**Course Title**
Producing Symposium

**Course Description**
Developing organizational skills by workshop meetings with industry professionals, who share their producing experiences, styles, and strategies.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 114 - Reading and Constructing Narratives

**Additional Comments:**

**Other Prerequisites**
media arts major status. By application only

**Tags**
189093, 1

**Learning Outcome**
This course is currently on hiatus.

## TMA 391 - Introduction to Media Arts Theory

## TMA 392 - Children's Media

Theory

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
391

**Teaching Area**
TMA

**Course Title**
Introduction to Media Arts Theory

**Course Description**
Identifying and analyzing contemporary film and media theories, with application to specific media texts.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- TMA 291 - Media Arts History 1

Prerequisites

**Complete ALL of the following Courses:**

- TMA 292 - Media Arts History 2

**Additional Comments:**

**Title**
Personal Framework and Values

**Tags**
188617, 1

**Learning Outcome**
Articulate and develop your personal framework of how films make meaning and implement

## Course Information

**Teaching Area (new)**
TMA

**Course Number**
392

**Teaching Area**
TMA

**Course Title**
Children's Media

**Course Description**
Historical and theoretical survey of media for and about children and the literature that informs it; discussions and strategies relating to production, reception, pedagogy, and parenting.

**Department**
Theatre & Media Arts

**When Taught**
Winter Even Years

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Children's Media History and Development

**Tags**
188620, 1

**Learning Outcome**
To survey the history of children's media, its various forebears (children's literature particularly) and components (film, television, interactive mult-media), and to consider some of the theoretical and practical implications of same; to study both texts and authors, signal moments and broad movements; to attend not only to conventional issues relating to production and criticism, but to also give special consideration to audience: reception, phenomenology, appropriation and the likening of outside material to one's own life and circumstances; to identify techniques by which teachers, parents and children together can make media an abiding part of an abundant relationship

those values in his/her own filmmaking. Film viewing and film analysis.

| Title | Tags |
| --- | --- |
| Canonical Film Theory | 188618, 2 |

**Learning Outcome**
Using canonical film theory paradigms and vocabulary, understand and apply multiple ways spectators construct meanings while viewing films.

| Title | Tags |
| --- | --- |
| Film Theory Analysis | 188619, 3 |

**Learning Outcome**
Competently analyze key film theories from 1915 to the present and apply them to specific film texts.

of an abundant relationship.

## TMA 394 - Intermediate Nonfiction Production

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 394 |

**Teaching Area**
TMA
**Course Title**
Intermediate Nonfiction Production
**Course Description**
Advanced readings, conceptualization, and practical applications of various nonfiction forms.
**Department**
Theatre & Media Arts
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## TMA 395 - Dramatic Literature 1

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 395 |

**Teaching Area**
TMA
**Course Title**
Dramatic Literature 1
**Course Description**
Survey of dramatic texts, from ancient Greek to today, through Western literary theories, emphasizing performance.
**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, and Spring

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Lab Hours**

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 273 - Beginning Non-Fiction and New Media Storytelling
  **AND** TMA 293 - History of Documentary and Nonfiction Film

**Additional Comments:**

**Other Prerequisites**
media arts major or minor status.

| Title | Tags |
|---|---|
| Expanding Knowledge | 188621, 1 |

**Learning Outcome**
Students will improve their capacity as story tellers and filmmakers.

| Title | Tags |
|---|---|
| Film Project: Pre- through Post-Production | 188622, 2 |

**Learning Outcome**
Guide a film from pre-production, through production, to post-production.

| Title | Tags |
|---|---|
| Peer Evaluation and Collaboration | 188624, 4 |

**Learning Outcome**
Students will present, discuss, analyze, and critique others work in the spirit of peer to peer collaboration.

| Title | Tags |
|---|---|
| Effective Communication | 188623, 0, 3 |

**Learning Outcome**
Students will practice advanced collaborative skills effectively with other filmmakers in the creation of a film.

## TMA 396 - TMA 396 - Dramatic Literature 2

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 140 - Script Analysis
  **AND** TMA 201 - Dramatic Performance: Antiquity to Renaissance
  **AND** TMA 202 - Dramatic Performance: Renaissance to the Present

**Additional Comments:**

**Note**
Other History of Civilization courses may be substituted for TMA 201 and TMA 202 with instructor permission.

| Title | Tags |
|---|---|
| Theorizing Practice | 188516, 4 |

**Learning Outcome**
Students will create socially conscious, ideologically-grounded performances that respond both to their world views and contemporary issues in critical theory.

| Title | Tags |
|---|---|
| Practicing Theory | 189136, 3 |

**Learning Outcome**
Students will develop an ethics of representation through the application of linguistic theory and social theories to great works of dramatic literature.

| Title | Tags |
|---|---|
| Critical Response | 189139, 2 |

**Learning Outcome**
Students will create cogent and compelling responses to great works of dramatic literature in a variety of different mediums-oral reports, production reviews, persuasive essays, and critical analyses.

## TMA 399R - Academic Internship: Theatre.

## Course Information

**Course Number**
396
**Teaching Area**
TMA
**Course Title**
TMA 396 - Dramatic Literature 2
**Course Description**
Survey of dramatic texts, from Western literature through contemporary theories, emphasizing performance.
**Department**
Theatre & Media Arts
**When Taught**
Winter

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

**Complete ALL of the following Courses:**
- TMA 140 - Script Analysis
- TMA 201 - Dramatic Performance: Antiquity to Renaissance
- TMA 202 - Dramatic Performance: Renaissance to the Present

**Additional Comments:**

| Title | Learning Outcome |
|---|---|
| Theorizing Practice | Students will create socially conscious, ideologically-grounded performances that respond both to their world views and contemporary issues in critical theory. |

| Title | Learning Outcome |
|---|---|
| | Students will develop an ethics of representation through the application of linguistic theory and social theories to great works |

## Course Information

**Teaching Area (new)**
TMA
**Course Number**
399R
**Teaching Area**
TMA
**Course Title**
Academic Internship: Theatre.
**Course Description**
Off-campus experience or internship in theatre.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5
**Fixed**
9

**Other Prerequisites**
By application only.
**Note**
An APPROVED Internship Application is required before adding

| Title | Tags |
|---|---|
| Outcomes Specific to Experience | 189216, 1 |

**Learning Outcome**
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program level learning outcomes.

| | |
|---|---|
| Practicing Theory | of dramatic literature. |

| | |
|---|---|
| Title<br>Critical Response | Learning Outcome<br>Students will create cogent and compelling responses to great works of dramatic literature in a variety of different mediums- oral reports, production reviews, persuasive essays, and critical analyses. |

## TMA 399R - Academic Internship

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
399R
**Teaching Area**
TMA
**Course Title**
Academic Internship
**Course Description**
Off-campus experience or internship in theatre or media arts.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 114 - Reading and Constructing Narratives
  **AND** TMA 185 - Basic Media Production

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 115 - Introduction to Performance Studies

**Additional Comments:**

**Other Prerequisites**

## TMA 399R - Academic Internship: Media.

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
399R
**Teaching Area**
TMA
**Course Title**
Academic Internship: Media.
**Course Description**
Off-campus experience or internship in media arts.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Other Prerequisites**
TMA 112 and 185. By application only.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Outcomes Specific to Experience | 189217, 1 |

**Learning Outcome**
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program level learning outcomes.

Theatre students: TMA 115 and application. Media students: TMA 112 and 114 and 185/105 and application.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Outcomes Specific to Experience | 188518, 1 |

**Learning Outcome**
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program level learning outcomes.

## TMA 410 - Acting Capstone

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
410
**Teaching Area**
TMA
**Course Title**
Acting Capstone
**Course Description**
Participation in a final acting project on the BYU main-stage season.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
2
**Fixed**
3

**Other Prerequisites**
BFA acting major status. By audition only

| Title | Tags |
| --- | --- |
| BFA Senior Performance Project | 188519, 0, 1 |

**Learning Outcome**
Students will prepare a role in a BFA Senior Project synthesizing and showcasing the cumulative knowledge and skill attained in the BFA program.

| Title | Tags |
| --- | --- |
| Work Ethic | 188520, 0, 2 |

**Learning Outcome**
Students will practice professional work habits of dependability, punctuality,

## TMA 411 - Future Performance

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
411
**Teaching Area**
TMA
**Course Title**
Future Performance
**Course Description**
A senior-level course for Theatre Arts Studies majors that prepares students to enter into the world as innovative scholar artists. \n
**Department**
Theatre & Media Arts
**When Taught**
Winter

#### Credit Hours

**Min**
1
**Fixed**
1

#### Lecture Hours

**Fixed**
1

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

preparation, collaboration and the ability to make independent choices.

**Complete ALL of the following Courses:**

- 

**Additional Comments:**

| Title | Tags |
|---|---|
| Career Development | 207393, 1 |

**Learning Outcome**
Students will create the materials and skills necessary (e.g. resume, portfolio, interviewing, networking) to enter the professional field.

| Title | Tags |
|---|---|
| Lifelong Learning and Advocacy | 207394, 2 |

**Learning Outcome**
Students will assess their strengths and weaknesses in their areas of expertise and will develop a plan for lifelong learning and arts advocacy.

## TMA 416R - Teaching Assistant Credit: Theatre

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
416R
**Teaching Area**
TMA
**Course Title**
Teaching Assistant Credit: Theatre
**Course Description**
Credit for teaching assistantships for TMA courses.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1
**Fixed**
3

### Lecture Hours

**Fixed**
0

## TMA 416R - Teaching Assistant Credit: Media

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
416R
**Teaching Area**
TMA
**Course Title**
Teaching Assistant Credit: Media
**Course Description**
Credit for teaching assistantships for TMA courses.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1
**Fixed**
3

### Lecture Hours

**Fixed**
0

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
TMA 316 and instructor's consent.

| Title | Tags |
| --- | --- |
| Effective Teaching Principles | 189214, 1 |

**Learning Outcome**
Students will understand the prinicples of good teaching.
Students will be introduced to various pedagogical philosophies.
Students will develop skills in teaching.

| Title | Tags |
| --- | --- |
| Pedagogical Philosophies | 189218, 2 |

**Learning Outcome**
Students will be introduced to various pedagogical philosophies.

| Title | Tags |
| --- | --- |
| Teaching Skills | 189219, 3 |

**Learning Outcome**
Students will develop skills in teaching.

**Lab Hours**

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- TMA 316 - Theatre and Media Arts Instruction: Theatre

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- TMA 316 - Theatre and Media Arts Instruction: Theatre

**Additional Comments:**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- TMA 316 - Theatre and Media Arts Instruction: Theatre

**Additional Comments:**

**Other Prerequisites**
TMA 316 and instructor's consent.

| Title | Tags |
| --- | --- |
| Effective Teaching Principles | 189215, 1 |

**Learning Outcome**
Students will understand the prinicples of good teaching.
Students will be introduced to various pedagogical philosophies.
Students will develop skills in teaching.

| Title | Tags |
| --- | --- |
| Pedagogical Philosophies | 189220, 2 |

**Learning Outcome**
Students will be introduced to various pedagogical philosophies.

| Title | Tags |
| --- | --- |
| Teaching Skills | 189221, 3 |

Learning Outcome
Students will develop skills in teaching.

## TMA 416R - Teaching Assistant Credit

### Course Information

Teaching Area (new)
TMA
Course Number
416R
Teaching Area
TMA
Course Title
Teaching Assistant Credit
Course Description
Credit for teaching assistantships for TMA courses.
Department
Theatre & Media Arts
When Taught
All Semesters/Terms

**Credit Hours**

Min
1
Fixed
3

**Lecture Hours**

Fixed
0

**Lab Hours**

Fixed
0

Other Prerequisites
and instructor's consent

Title
Effective Teaching Principles
Tags
188625, 1
Learning Outcome
Students will understand the prinicples of good teaching.

Title
Pedagogical Philosophies
Tags
188626, 2
Learning Outcome
Students will be introduced to various pedagogical philosophies.

## TMA 418 - Advanced Visual Storytelling

### Course Information

Teaching Area (new)
TMA
Course Number
418
Teaching Area
TMA
Course Title
Advanced Visual Storytelling
Course Description
Teaches students the tools and techniques employed by directors, cinematographers, production designers, and editors in the telling of meaningful stories through the creation of purposeful images. Students watch, read, analyze, and practice the craft of filmmaking.
Department
Theatre & Media Arts
When Taught
Fall; Winter.

**Credit Hours**

Min
4
Fixed
4

**Lecture Hours**

Fixed
6

**Lab Hours**

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TMA 318 - Approaches to Screen Directing
  **AND** TMA 185 - Basic Media Production
  **AND** TMA 241 - Screenwriting 1

**Complete ALL of the following :**

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Teaching Skills | 188627, 3 |

**Learning Outcome**
Students will develop skills in teaching.

| Title | Tags |
| --- | --- |
| Personal Teaching Style | 188628, 5 |

**Learning Outcome**
Students will discover a personal style that will combine solid pedagogical philosophies and skills in teaching.

| Other Prerequisites | Recommended |
| --- | --- |
| Instructor Approval Required. See Classes - Class Applications on film.byu.edu for information. | TMA 123 Cinematography Practicum |

**Note**
TMA 318 prerequisite can be waived for cinematographers, editors, producers, and designers. See film.byu.edu for information.

| Title | Tags |
| --- | --- |
| Cinematic Skills | 214506, 0, 1, 2023-08-29 13:11:43 |

**Learning Outcome**
Students will focus and refine their media directing and producorial skills in an advanced production setting.

| Title | Tags |
| --- | --- |
| Collaborative skills | 214507, 0, 2, 2023-08-29 13:11:46 |

**Learning Outcome**
Students will collaborate with peer media artists in the creation of mediated exercises.

## TMA 420R - Performance Workshop 2

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 420R |

**Teaching Area**
TMA
**Course Title**
Performance Workshop 2
**Course Description**
Advanced experience in production: acting.
**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

### Credit Hours

**Min**
0.5

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
By audition only

| Title | Tags |
| --- | --- |
| Performance Project | 188523, 2 |

## TMA 422 - Dialects

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 422 |

**Teaching Area**
TMA
**Course Title**
Dialects
**Course Description**
Major stage dialects.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**

Learning Outcome
Students will prepare a role in a mainstage production syntehesizing and showcasing the research, creative process, and collaboration of the rehearsal process.

| Title | Tags |
| --- | --- |
| Professional Habits | 188524, 0, 1 |

Learning Outcome
Students will apply professional work habits of dependability, promptness, cooperation, preparation, and the ability to make independent choices.

0

Other Prerequisites
BFA acting or MDT major status. BFA acting majors: TMA 222 and 228. BFA MDT majors: TMA 121 and 228. By audition only

| Title | Tags |
| --- | --- |
| Dialect Study | 188527, 0, 1 |

Learning Outcome
Students will engage in a process of dialect study and apply that process to each dialect studied in class.

| Title | Tags |
| --- | --- |
| Skill Integration | 188529, 0, 3 |

Learning Outcome
Students will integrate dialect, voice, and performance skills.

| Title | Tags |
| --- | --- |
| Evaluation | 188530, 0, 4 |

Learning Outcome
Students will peer-evaluate acting and dialect skills as well as self-evaluate individual progress and performance.

| Title | Tags |
| --- | --- |
| Work Ethic | 210869, 0, 5 |

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

## TMA 423R - Advanced Kennedy Center American College Theatre Festival

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 423R |

Teaching Area
TMA
Course Title
Advanced Kennedy Center American College Theatre Festival
Course Description
Coaching advanced students who will participate in the Kennedy Center American College Theatre Festival.
Department
Theatre & Media Arts

## TMA 424 - Advanced Acting

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 424 |

Teaching Area
TMA
Course Title
Advanced Acting
Course Description
Scene studies in extended realism. Absurdism, American classics, Shaw, Chekhov, etc.
Department
Theatre & Media Arts
When Taught
Winter

**When Taught**
Winter Term 1.

### Credit Hours

**Min**
1

**Fixed**
3

### Lecture Hours

**Fixed**
0

**Other Prerequisites**
By application only

| Title | Tags |
| --- | --- |
| Individual Festival Outcomes | 188878, 0 |

**Learning Outcome**
Because of the individual nature of the festival course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Other Prerequisites**
TMA 324. BFA acting major status. By audition only.

| Title | Tags |
| --- | --- |
| Play and Character Analysis | 188531, 1 |

**Learning Outcome**
Students will analyze plays and characters from an actor's point of view, and will choose objectives, actions, and obstacles congruent with the historical text of modern classic texts.

| Title | Tags |
| --- | --- |
| Communication and Listening Skills | 188532, 2 |

**Learning Outcome**
Students will employ honest communication and listening skills and demonstrate an ability to make choices that challenge individual emotional range.

| Title | Tags |
| --- | --- |
| Positive Work Habits | 188533, 0, 3 |

**Learning Outcome**
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

## TMA 425 - Character Mask

## TMA 427 - Auditions

## TMA 425 - Character Mask

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
425

**Teaching Area**
TMA

**Course Title**
Character Mask

**Course Description**
Use of the body as a primary tool for character and script interpretation.

**Department**
Theatre & Media Arts

**When Taught**
Fall Odd Years

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
BFA acting major status. By audition only.

| Title | Tags |
| --- | --- |
| Professionalism | 213149, 0, 3 |

**Learning Outcome**
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

| Title | Tags |
| --- | --- |
| Physical Performance Skills | 188535, 0, 2 |

**Learning Outcome**
Students will practice developing character and story by using physical performance modalities.

| Title | Tags |
| --- | --- |
| Mask and Character Development | 188534, 0, 1 |

## TMA 427 - Auditions

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
427

**Teaching Area**
TMA

**Course Title**
Auditions

**Course Description**
Auditions, cold reading, resumes, and the business end of acting, music, and dance for the professional performer.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
0

**Other Prerequisites**
BFA acting or MDT major status. BFA acting majors: TMA 229 and 325 and 422 and 424. BFA MDT majors: TMA 229 and 422 and Dance 240. By audition only

| Title | Tags |
| --- | --- |
| Auditioning Skills | 188537, 0, 2 |

**Learning Outcome**
Students will identify, recognize, and apply effective cold reading, improvisation, prepared, on camera, and other auditioning techniques.

| Title | Tags |
| --- | --- |
| Integration of Acting Skills | 188538, 0, 3 |

**Learning Outcome**
Students will demonstrate a mastery of performance technique integrating acting proficiency, vocal production, and emotional dexterity.

Learning Outcome
Students will learn how to work with character masks to develop characters for performance.

Title
Evaluation

Tags
188539, 0, 4

Learning Outcome
Students will self-evaluate progress and practice effective peer coaching and peer evaluation techniques.

Title
Professional Practice and Behaviors

Tags
210870, 0, 5

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

## TMA 428 - Acting Practicum

### Course Information

Teaching Area (new)
TMA

Course Number
428

Teaching Area
TMA

Course Title
Acting Practicum

Course Description
Acting practicum experience focused on acting performance in theatre or media arts.

Department
Theatre & Media Arts

When Taught
Contact Department

### Credit Hours

Min
0.5

Fixed
4

Other Prerequisites
Acceptance into the BFA acting major; BFA faculty approval.

Title
Work Ethic

Tags
210872, 0, 2

Learning Outcome
Students will apply professional work habits of dependability, promptness, cooperation, preparation, and the ability to make independent choices.

## TMA 429 - Performance: Recital

### Course Information

Teaching Area (new)
TMA

Course Number
429

Teaching Area
TMA

Course Title
Performance: Recital

Course Description
Thirty- to forty-five minute performance of cuttings from varied genres.

Department
Theatre & Media Arts

When Taught
Winter Odd Years

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
4

Other Prerequisites

| Title | Tags |
| --- | --- |
| Performance Project | 210871, 0, 1 |

**Learning Outcome**
Students will accomplish a significant performance or performance-related project, approved by the BFA Acting Committee. This work is intended to be customized to the student's opportunity provided it will fulfill the expected rigor of TMA 428.

| Title | Tags |
| --- | --- |
| Compassion and Empathy in Art and Life | 213070, 0, 3 |

**Learning Outcome**
Students will develop a gospel-centered sense of empathy and compassion that will serve as a foundation for the actor on stage and screen, as well as a foundation for living a more Christian life.

**Other Prerequisites**
TMA 229 and 422 and 424. BFA acting major status. By audition only

| Title | Tags |
| --- | --- |
| Performance | 188540, 0, 1 |

**Learning Outcome**
Students will demonstrate their performance proficiency in a curated and directed showcase performance.

| Title | Tags |
| --- | --- |
| Identify and Expand Capabilities | 188542, 0, 3 |

**Learning Outcome**
Students will identify and expand their range as a performer in order to demonstrate flexibility and contrast of voice, movement, energies, dialect, and characterizations in performance.

| Title | Tags |
| --- | --- |
| Work Ethic | 188541, 0, 2 |

**Learning Outcome**
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

## TMA 436 - Stage Directing 2: Advanced Directing Practicum

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
436
**Teaching Area**
TMA
**Course Title**
Stage Directing 2: Advanced Directing Practicum
**Course Description**
Directing projects for class critique and public presentation.
**Department**
Theatre & Media Arts
**When Taught**
Fall; Winter.

### Credit Hours

**Min**
3

**Fixed**

## TMA 441R - Screenwriting 3

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
441R
**Teaching Area**
TMA
**Course Title**
Screenwriting 3
**Course Description**
Advanced narrative and/or nonfiction screenwriting principles. Emerging technology.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
3

**Fixed**

3

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
4

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 336 - Stage Directing 1: Principles and Practices

**Additional Comments:**

**Other Prerequisites**
instructor's consent
**Note**
Students must attend one Mask Club performance, held Thursdays at 1:00 pm, 2:00 pm, and 4:00 pm in the Nelke Theatre.

| Title | Learning Outcome |
|---|---|
| Production Processes | Students will create performance that engages a full production team and a student audience; through preproduction work, rehearsals, and production. |

| Title | Learning Outcome |
|---|---|
| Skill Development | Enlarge the intellectual range of their education by developing skills, breadth, and depth in the discipline of directing. |

## TMA 443R - Writer/Dramaturg/Actor Workshop

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TMA | 443R |

**Teaching Area**
TMA
**Course Title**
Writer/Dramaturg/Actor Workshop

3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- TMA 291 - Media Arts History 1
  **AND** TMA 341R - Screenwriting 2

Prerequisites

**Complete ALL of the following Courses:**
- TMA 292 - Media Arts History 2
  **AND** TMA 341R - Screenwriting 2

**Additional Comments:**

**Other Prerequisites**
major status. By application only

| Title | Tags |
|---|---|
| Feature-length Screenplay | 188629, 1 |

**Learning Outcome**
To remain conversant with the tools of the screenwriter through lectures, readings, and student writings/readings, and to exercise these skills in the creation of a feature-length screenplay.

## TMA 451R - Playwriting 3

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TMA | 451R |

**Teaching Area**
TMA
**Course Title**
Playwriting 3
**Course Description**

**Course Description**
Collaborative workshop developing new stage and screenplays through exercises, discussion, and writing. Scripts selected competitively; public readings at end of course.
**Department**
Theatre & Media Arts
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
6

### Lab Hours

**Fixed**
1

**Other Prerequisites**
TMA 115 and instructor's consent.

| Title | Tags |
|---|---|
| Script Exploration | 188551, 1 |

**Learning Outcome**
Students will develop the ability to objectively explore the merits of a new script and to identify strengths and weakness in new scripts.

| Title | Tags |
|---|---|
| New Play Development | 188552, 2 |

**Learning Outcome**
Students will develop the ability to thoughtfully and accurately express their opinions in constrictive ways and to workshop this feedback appropriately.

| Title | Tags |
|---|---|
| New Play Development | 188553, 3 |

**Learning Outcome**
Students will develop the ability to evaluate and appropriately apply feedback on their new scripts and to effectively rewrite their new scripts.

Workshop course designed to assist more advanced students in furthering their playwriting skills by writing or rewriting a play.
**Department**
Theatre & Media Arts
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 351 - Playwriting 2

**Additional Comments:**

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Writing Processes | 188966, 0, 0 |

**Learning Outcome**
Students will establish and codify their own writing style.

| Title | Tags |
|---|---|
| Theatrical Storytelling | 188912, 0, 1 |

**Learning Outcome**
Students demonstrate their mastery of the elements and principles of theatrical storytelling and character development.

| Title | Tags |
|---|---|
| Theatrical Structures | 188939, 0, 2 |

Learning Outcome
Students will demonstrate their mastery of the elements of theatrical structures and character development.

| Title | Tags |
| --- | --- |
| Script Analysis | 189033, 0, 3 |

Learning Outcome
Students will demonstrate the skills to accurately and thoughtfully analyze and re-write their own plays.

## TMA 455R - Theatre Tour

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 455R |

Teaching Area
TMA
Course Title
Theatre Tour
Course Description
Theatre for young audiences; touring experience.
Department
Theatre & Media Arts
When Taught
Fall and Winter

#### Credit Hours

Min
3

Fixed
3

Other Prerequisites
By audition only

| Title | Tags |
| --- | --- |
| Performance | 188863, 1 |

Learning Outcome
Students will expand talents and skills for performing through challenging literature, blocking, choreography, characterization, and emitional commitment.

| Title | Tags |
| --- | --- |
| Alternative Productions | 188935, 1 |

Learning Outcome
Students will be introduced to alternative aspects of production (through educational outreach

## TMA 457 - Media in the Contemporary Classroom

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 457 |

Teaching Area
TMA
Course Title
Media in the Contemporary Classroom
Course Description
Developing educational methods and techniques for using media in the specialized media classroom; study of educational models and theories related to historical and emerging media technologies.
Department
Theatre & Media Arts
When Taught
Winter

#### Credit Hours

Min
3

Fixed
3

#### Lecture Hours

Fixed
4

#### Lab Hours

Fixed
4

Simple Requisites

Prerequisites
Type
Prerequisite

programs, service opportunities, and theatre for young audiences).

| Title | Tags |
| --- | --- |
| Children's Literature, Practices, and Assessment | 188999, 2 |

**Learning Outcome**
Students will explore children's literature and practices as well as synthesize performative and critical assessments.

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- TMA 276 - Exploration of Teaching Theatre

Prerequisites

**Complete ALL of the following Courses:**

- ENGL 276R - Exploration of Teaching

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Media Education Theory and Practice | 191437, 2 |

**Learning Outcome**
Examine media education theories and strategies of media education practice

| Title | Tags |
| --- | --- |
| Media and Media Literacy | 191438, 4 |

**Learning Outcome**
Implement media and media literacy strategies into theatre or English curricula

| Title | Tags |
| --- | --- |
| Personal and Global Media Presence | 191439, 6 |

**Learning Outcome**
Investigate the mediated world at large, considering personal media presence as well as the global media.

| Title | Tags |
| --- | --- |
| Local and Global Media Programs | 191440, 8 |

**Learning Outcome**
Discuss and examine local and global media secondary programs.

| Title | Tags |
| --- | --- |
| Personal Pedagogical Standards | 191441, 10 |

**Learning Outcome**
Develop personal pedagogical standards from which they create and teach a media infused curriculum for their future classroom

## TMA 458 - Media Literacy Education

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
458

**Teaching Area**
TMA

**Course Title**
Media Literacy Education

**Course Description**
Media literacy principles and basic film production in the context of educating students and teachers in local K-12 public schools.

**Department**
Theatre & Media Arts

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 102 - Introduction to Film
  **AND** TMA 114 - Reading and Constructing Narratives

**Additional Comments:**

**Other Prerequisites**
or instructor's consent.

**Recommended**
TMA 291, 292

**Title**
Personal and Global Media Presence

**Tags**
188630, 1

**Learning Outcome**
Investigate the mediated world at large, considering personal

## TMA 460 - Portfolio

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
460

**Teaching Area**
TMA

**Course Title**
Portfolio

**Course Description**
Hands-on training in professional resumes, cover letters, job searches, and portfolio techniques for person-to-person layout, digital presentation, personal website creation and other emerging practices.

**Department**
Theatre & Media Arts

**When Taught**
Fall

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Students should be working on or have completed at least one production assignment.

**Title**
Portfolio Development

**Tags**
189153, 2

**Learning Outcome**
Students will assess and refine their personal portfolio materials and demonstrate an ability to constructively critique other designers' portfolios.

**Title**
Professional Networking

**Tags**
189154, 3

**Learning Outcome**
Students will present their

at large, considering personal media presence as well as the global media.

**Title**
Media Education Theory and Strategy

**Tags**
188631, 2

**Learning Outcome**
Examine media education theories and strategies of media education practice.

**Title**
Local and Global Media Outreach

**Tags**
188632, 3

**Learning Outcome**
Discuss and examine local and global media outreach and after school programs.

**Title**
Personal Pedagogical Standards

**Tags**
188633, 4

**Learning Outcome**
Develop personal pedagogical standards from which they create and teach a media curriculum.

**Title**
Documentaries

**Tags**
188634, 5

**Learning Outcome**
Create photo, audio, and video documentaries that demonstrate the principles of community storytelling.

**Title**
Professional Collaboration

**Tags**
188635, 6

**Learning Outcome**
Prepare to interact with elementary and secondary students and teachers who are currently using media in their classroom curricula.

personal work orally, digitally and through a professional web presence.

## TMA 462 - History of Costume

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
462

**Teaching Area**
TMA

**Course Title**
History of Costume

**Course Description**
History of dress and clothing from the ancient world through the twenty-first century, applied to costume design for theatre and media arts.

**Department**
Theatre & Media Arts

**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Title**
Technical Training

**Tags**
188971, 0, 1

**Learning Outcome**
Students will demonstrate effective research techniques as resource for the design and production of historic costumes.

## TMA 463 - Production Design

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
463

**Teaching Area**
TMA

**Course Title**
Production Design

**Course Description**
Introduction to design for film and television. Techniques, basic design elements, analysis, concept boards, budgets, and visits to film locations.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
2

**Other Prerequisites**
TMA 363 or instructor's consent.

**Title**
Production Design Practice

**Tags**
188922, 2

**Learning Outcome**
Students will demonstrate a working knowledge of production design for film and television through class assignments, field trips, and guest visits.

**Title**
Production Design Projects

**Tags**
189119, 1

**Learning Outcome**
Students will create realized production designs for TMA student films or KBYU projects.

## TMA 465 - Sound Reinforcement

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
265
**Teaching Area**
TMA
**Course Title**
Sound Reinforcement
**Course Description**
Sound reinforcement theory and practice.
**Department**
Theatre & Media Arts
**When Taught**
Fall.

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Title**
Sound System Basics
**Tags**
189292, 0, 1
**Learning Outcome**
Students will describe key parts to a sound system.

**Title**
Design and Operation
**Tags**
189293, 0, 2
**Learning Outcome**
Students will design, install, and operate analog and digital sound systems for moderate sized performance venues.

**Title**
Sound System Evaluation
**Tags**
189294, 0, 4
**Learning Outcome**
Students will evaluate sound

## TMA 467R - Makeup for Media

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
467R
**Teaching Area**
TMA
**Course Title**
Makeup for Media
**Course Description**
Advanced projects in makeup application.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5
**Fixed**
6

**Other Prerequisites**
Instructor's consent.

**Title**
PROFESSIONAL SKILLS
**Tags**
189120, 1
**Learning Outcome**
Students will demonstrate new and advanced techniques in prosthetics and hair design.

**Title**
Application
**Tags**
189207, 1
**Learning Outcome**
Students will use skills and knowledge in makeup projects.

systems, and venue accoustics with advanced computer technology and explain the physics behind the analyzed results.

| Title | Tags |
| --- | --- |
| Career Development | 189295, 0, 5 |

**Learning Outcome**

Students will complete the different job responsibilities on a theatrical sound crew, communicating and working effectively with production team members.

## TMA 468R - Specialty Costumes

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
468R

**Teaching Area**
TMA

**Course Title**
Specialty Costumes

**Course Description**
Advanced skills in millinery, dyes, footwear, and allied project areas.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
6

**Other Prerequisites**
Instructor's consent only

**Title**
Technical Training

**Tags**
188932, 0, 1

**Learning Outcome**
Students will demonstrate skills in costume crafts and specialized topics.

**Title**
Construction Experience

**Tags**
189228, 1

**Learning Outcome**
Students will demonstrate skills in costume construction on specialized topics.

**Title**
Analysis and Problem Solving

**Tags**
189230, 2

**Learning Outcome**
Students will apply hands-on costume skills to real-life performance challenges.

## TMA 469 - Theatre Management

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
469

**Teaching Area**
TMA

**Course Title**
Theatre Management

**Course Description**
Basic philosophies of box office, front-of-house, and theatre marketing.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Title**
Practical Application

**Tags**
188555, 2

**Learning Outcome**
Students will demonstrate how to operate organizations in various performing arts facilities by creating budgets, marketing campaigns, and grant proposals.

**Title**
Skill Development

**Tags**
188554, 0, 1

**Learning Outcome**
Students will recognize the key elements vital to the operation of organizations in various performing arts facilities such as scheduling, budgeting, and marketing.

## TMA 473R - Advanced Film Production - Fiction: Preproduction

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
473R

**Teaching Area**
TMA

**Course Title**
Advanced Film Production - Fiction: Preproduction

**Course Description**
Collaborative writing and directing a fiction advanced film production.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
6

**Other Prerequisites**
Media Arts major status. By application only.

**Title**
Advanced Directing

**Tags**
212842, 0, 1

**Learning Outcome**
Students will demonstrate an advanced skill set relative to the pre-production of a large-scale short film. They will oversee the efforts of a 70-80 member student crew.

**Title**
Collaboration

**Tags**
212843, 0, 2

**Learning Outcome**
Advanced directing students will collaborate with advanced producers to conceptualize and plan the creation of a large-scale short film.

**Title**
Conceptualization, Visualization, and Storytelling

**Tags**
212844, 0, 3

**Learning Outcome**
Advanced directing students will conceptualize, pre-visualize, and

## TMA 474R - Advanced Film Production - Non-Fiction: Post-Production

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
474R

**Teaching Area**
TMA

**Course Title**
Advanced Film Production - Non-Fiction: Post-Production

**Course Description**
Collaborative developing, directing, shooting and editing advanced student non-fiction projects.

**Department**
Theatre & Media Arts

**When Taught**
Spring Term

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
9

**Other Prerequisites**
Media arts major status. By instructor approval only.

create materials that will eventually culminate in the completion of a cohesive, large-scale, short film.

| Title | Tags |
| --- | --- |
| Working Within the Studio or Client Model | 212845, 0, 4 |

**Learning Outcome**
Advanced directing students will demonstrate the ability to plan a film production that is subject to heavy oversight and institutional processes.

## TMA 475R - Advanced Film Production - Fiction: Production & Postproduction

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 475R |

**Teaching Area**
TMA
**Course Title**
Advanced Film Production - Fiction: Production & Postproduction
**Course Description**
Collaborative directing and editing a fiction advanced film production.
**Department**
Theatre & Media Arts
**When Taught**
Spring and Summer Terms

#### Credit Hours

**Min**
0.5

**Fixed**
3

#### Lecture Hours

**Fixed**
4

**Other Prerequisites**
Media arts major status. By application only

| Title | Tags |
| --- | --- |
| Advanced Directing | 212846, 0, 1 |

**Learning Outcome**
Students will demonstrate an advanced skill set relative to the production and post production of a large-scale short film project.

## TMA 476 - Secondary Student Teaching

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 476 |

**Teaching Area**
TMA
**Course Title**
Secondary Student Teaching
**Course Description**
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

#### Credit Hours

**Min**
12

**Fixed**
12

**Other Prerequisites**
Theatre education major status. Completion of all course work or departmental approval; requires a total GPA of 3.0 or higher; requires a C or higher in all education-related and major-required courses.

| Title | Tags |
| --- | --- |
| Teaching Competency | 210547, 0, 2 |

**Learning Outcome**
Students will demonstrate competency in theatre content and the pedagogical presentation of theatre concepts.

| Title | Tags |
| --- | --- |
| Instructional Design and | |

| Title | Tags |
| --- | --- |
| Collaborative Production | 212847, 0, 2 |

**Learning Outcome**
Advanced directing students will demonstrate the ability to collaborate with multiple departments including the screenwriter, the producer, the camera crew, the sound crew, the design crew, the grip/electric crew, performers, DIT, editors, colorists, composers, etc.

| Title | Tags |
| --- | --- |
| Delivery | 210548, 0, 3 |

**Learning Outcome**
Students will design and deliver instruction to help young learners develop proficiency in theatre content and critical thinking.

| Title | Tags |
| --- | --- |
| Diverse Learners | 210549, 0, 4 |

**Learning Outcome**
Students will create a nurturing and motivating learning environment that helps diverse learners succeed.

| Title | Tags |
| --- | --- |
| Lesson Planning and Pedagogical Strategies | 210550, 0, 5 |

**Learning Outcome**
Students will plan lessons, units and courses based on the understanding of theatre content and theatre standards, as well as pedagogical strategies.

| Title | Tags |
| --- | --- |
| Assessment Development and Use | 210551, 0, 6 |

**Learning Outcome**
Students will generate and use assessments to evaluate learners as well as the effectiveness of their own instruction.

## TMA 477R - Issues in Media Arts

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 477R |

**Teaching Area**
TMA
**Course Title**
Issues in Media Arts
**Course Description**
In-depth study of key media arts issues, within context of gospel principles.
**Department**
Theatre & Media Arts
**When Taught**
Fall and Winter

### Credit Hours

## TMA 479R - Advanced Design: Makeup

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 479R |

**Teaching Area**
TMA
**Course Title**
Advanced Design: Makeup
**Course Description**
Advanced techniques in performance design for makeup.
**Department**
Theatre & Media Arts
**When Taught**
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
5

### Lab Hours

Fixed
0

Other Prerequisites
TMA 291, 292; media arts major status.

| Title | Tags |
| --- | --- |
| New Media and Cultural Development | 188676, 1 |

Learning Outcome
Explore the ways this significant media arts issue developed over time.

| Title | Tags |
| --- | --- |
| Literature Review | 188677, 4 |

Learning Outcome
Clarify definitions and practical functioning of significant concepts and paradigms.

| Title | Tags |
| --- | --- |
| Analysis of key texts | 188678, 7 |

Learning Outcome
Analyze key texts and their relationship to culture in relationship to key concerns.

| Title | Tags |
| --- | --- |
| Nurturing Spirituality | 188679, 8 |

Learning Outcome
Consider ethical and spiritual implcations of the issue.

| Title | Tags |
| --- | --- |
| Collaboration/Discussion | 188680, 10 |

Learning Outcome
Collaboratively identify and share information on current

Min
0.5

Fixed
3

Other Prerequisites
Instructor's consent.

| Title | Tags |
| --- | --- |
| Technical Training | 189211, 0, 1 |

Learning Outcome
Students will develop and demonstrate advanced skills and knowledge in makeup design.

share information on current
relating to the specific issue.

## TMA 479R - Advanced Design

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
479R

**Teaching Area**
TMA

**Course Title**
Advanced Design

**Course Description**
Advanced techniques in performance design.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Technical Training | 189208, 0, 1 |

**Learning Outcome**
Students will use skills and knowledge in advanced design.

## TMA 479R - Advanced Design: Lighting

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
479R

**Teaching Area**
TMA

**Course Title**
Advanced Design: Lighting

**Course Description**
Advanced techniques in performance design for lighting.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

#### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Technical Training | 189210, 0, 1 |

**Learning Outcome**
Students will develop and demonstrate advanced skills and knowledge in lighting design.

## TMA 479R - Advanced Design: Scenic

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
479R

**Teaching Area**
TMA

**Course Title**
Advanced Design: Scenic

**Course Description**
Advanced techniques in performance design for scenic.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Technical Training | 189161, 0, 1 |

**Learning Outcome**
Students will develop and demonstrate advanced skills and knowledge in scenic design.

## TMA 479R - Advanced Design: Sound

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
479R

**Teaching Area**
TMA

**Course Title**
Advanced Design: Sound

**Course Description**
Advanced techniques in performance design for sound.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Technical Training | 189197, 0, 1 |

**Learning Outcome**
Students will develop and demonstrate advanced skills and knowledge in sound design.

## TMA 479R - Advanced Techniques in Stage Management

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
479R

**Teaching Area**
TMA

**Course Title**
Advanced Techniques in Stage Management

**Course Description**
Advanced techniques and projects in stage management.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
TMA 361 & TMA 461R. Instructor's consent.

## TMA 479R - Advanced Design: Costumes

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
479R

**Teaching Area**
TMA

**Course Title**
Advanced Design: Costumes

**Course Description**
Advanced techniques in performance design for costumes.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
3

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Technical Training | 189209, 0, 1 |

**Learning Outcome**
Students will develop and demonstrate advanced skills and knowledge in costume design.

## TMA 480R - Special Topics in Theatre Research

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
480R

**Teaching Area**
TMA

**Course Title**
Special Topics in Theatre Research

**Course Description**
Special topics in focused historical, theoretical, or critical areas of performance research.

**Department**
Theatre & Media Arts

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**

## TMA 483 - New Play Dramaturgy

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
483

**Teaching Area**
TMA

**Course Title**
New Play Dramaturgy

**Course Description**
Develop further research and hands-on theatrical skills in four critical studies areas: literary management, production dramaturgy, new play development, educational outreach.

**Department**
Theatre & Media Arts

**When Taught**
Winter.

### Credit Hours

**Min**
3

**Fixed**
3

3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 395 - Dramatic Literature 1

**Additional Comments:**

**Other Prerequisites**
Or instructor consent

| Title | Tags |
|---|---|
| Conduct Original Research | 188861, 3 |

**Learning Outcome**
Students will conduct original research under the guidance of an expert in the subject area.

| Title | Tags |
|---|---|
| Professional Development | 188871, 4 |

**Learning Outcome**
Students will become aware of the various ethical considerations that scholarship demands.

| Title | Tags |
|---|---|
| Stay Current in Field | 188945, 1 |

**Learning Outcome**
Students will become aware of and explore newly devloping ideas in theatre and performance studies.

| Title | Tags |
|---|---|
| Practical Experience | 188959, 0 |

**Learning Outcome**
Students will gain in-depth practical experience in performance/research practices

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 380 - Production Dramaturgy

**Additional Comments:**

| Title | Tags |
|---|---|
| Evaluate Dramaturgy | 189147, 1 |

**Learning Outcome**
Students will evaluate dramaturgical documents, presentations, and practices.

| Title | Tags |
|---|---|
| Collaboration | 189148, 2 |

**Learning Outcome**
Students will collaborate with others in dramaturgical exercises.

| Title | Tags |
|---|---|
| Do Dramaturgy | 189149, 3 |

**Learning Outcome**
Students will generate dramaturgical documents.

| Title | Tags |
|---|---|
| Self-Assessment | 189150, 4 |

**Learning Outcome**
Students will assess their own dramaturgical work and practices.

performance/research practices and methodologies not similarly treated elsewhere in the TMA curriculum.

| Title | Tags |
| --- | --- |
| Develop Research Strategies | 189100, 2 |

**Learning Outcome**
Students will experience how a professional scholar deals with various research-related concerns: archives, methodologies, current academic conversations, etc.

## TMA 484R - Advanced Special Projects

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 484R |

**Teaching Area**
TMA
**Course Title**
Advanced Special Projects
**Course Description**
This is a course that provides mentoring and inspiring learning for advanced students collaborating with a faculty member on a professional media project.
**Department**
Theatre & Media Arts
**When Taught**
Fall, Winter, Spring

#### Credit Hours

**Min**
0.5

**Fixed**
4

#### Lecture Hours

**Fixed**
4

#### Lab Hours

**Fixed**
0

**Recommended**
Advanced production and/or post-production skills

## TMA 485R - Dramaturgy Practicum

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 485R |

**Teaching Area**
TMA
**Course Title**
Dramaturgy Practicum
**Course Description**
Experience as lead dramaturg for main-stage productions; building casebooks and overseeing audience education efforts. Rehearsal and production meeting attendance required.
**Department**
Theatre & Media Arts
**When Taught**
Fall; Winter; Spring; Summer.

#### Credit Hours

**Min**
1

**Fixed**
3

#### Lecture Hours

**Fixed**
2

**Other Prerequisites**
TMA 380 and instructor's consent

| Title | Tags |
| --- | --- |
| Production Casebook Development | 188920, 2 |

**Learning Outcome**
Students will process, document, and archive their production dramaturgy experience by creating a production casebook.

| Title | Tags |
| --- | --- |
| Production Team Support | 188984, 1 |

**Learning Outcome**
Students will generate research, conceptual, and textual support as needed and requested by the production team.

| Title | Tags |
| --- | --- |
| Collaborative Experience | 189026, 1 |

**Learning Outcome**
Students will collaborate as a member of a production team and will collaborate with other dramaturgs in their production experiences.

## TMA 489R - Production Leads

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 489R |

**Teaching Area**
TMA
**Course Title**
Production Leads
**Course Description**
Practical experience working as performance designers, or related topics.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
6

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Professional Skills | 214508, 0, 1, 2023-08-29 13:12:59 |

**Learning Outcome**
Students will create fully realized designs for season productions, to include all required supporting materials.

## TMA 491 - Ethics, Aesthetics, and Theology

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 491 |

**Teaching Area**
TMA
**Course Title**
Ethics, Aesthetics, and Theology
**Course Description**
Analyzing and considering interrelationships of ethical, aesthetic, and theological dimensions of creating and performing media arts and theatre texts.
**Department**
Theatre & Media Arts
**When Taught**
Winter

#### Credit Hours

**Min**
1

**Fixed**
1

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Collaboration | 214509, 0, 2, 2023-08-29 13:13:00 |

Learning Outcome
Students will practice advanced collaborative skills through hands-on participation on realized production teams.

| Title | Tags |
| --- | --- |
| Communication | 214510, 0, 3, 2023-08-29 13:13:01 |

Learning Outcome
Students will employ effective communication skills through pre-production meetings, shop interactions and post-production reviews.

| Title | Tags |
| --- | --- |
| Portfolio | 214511, 0, 4, 2023-08-29 13:13:02 |

Learning Outcome
Students will generate effective materials for their personal portfolios.

Other Prerequisites
TMA 322 and 324 and 325. BFA acting major status

| Title | Tags |
| --- | --- |
| Ethical Decision Making | 188556, 0, 1 |

Learning Outcome
Students will examine, define, and clarify an individual process of ethical decision making.

| Title | Tags |
| --- | --- |
| Aesthetic Sensibility | 188557, 0, 2 |

Learning Outcome
Students will define and clarify aesthetic sensibility in relationship to the creation and performance of dramatic art.

| Title | Tags |
| --- | --- |
| Theological Connection | 188559, 0, 4 |

Learning Outcome
Students will explore the relationship between God and humankind, specifically as it relates to artistic aesthetical and ethical practice.

## TMA 492R - Media Arts Genres

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 492R |

Teaching Area
TMA
Course Title
Media Arts Genres
Course Description
Intensive analysis of a single major traditional media genre (i.e., western, musical, sitcom, or melodrama) with consideration of contextual, subtextual, and textual issues.
Department
Theatre & Media Arts
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

## TMA 494 - Transcendence: Religion and Film

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 494 |

Teaching Area
TMA
Course Title
Transcendence: Religion and Film
Course Description
Historical, stylistic, and thematic survey of approaches to religious and spiritual subject matter in film.
Department
Theatre & Media Arts
When Taught
Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
3

Other Prerequisites
TMA 291 or 292; media arts major or minor status

| Title | Tags |
| --- | --- |
| Horror Genre Studies | 188681, 1 |

Learning Outcome
To listen to a ton of lectures, read a ton of stories, and see a ton of films relating to a given genre. We will also learn about some of the social and historical factors that have informed narratives within that genre, as well as some of their many and evolving styles and conventions.

| Title | Tags |
| --- | --- |
| Analysis of a Specific Genre | 188682, 2 |

Learning Outcome
Explore a specific genre as a microcosm of larger aesthetic and social development of popular cultural artifacts.

| Title | Tags |
| --- | --- |
| Scholarly Genre Study | 188683, 3 |

Learning Outcome
Identify scholarly material related to genre study.

| Title | Tags |
| --- | --- |
| Context relationships | 188684, 4 |

Learning Outcome
Consider the relationship of text, subtext, and context in genre film.

| Title | Tags |
| --- | --- |
| Analyze Conventions | 188685, 5 |

Learning Outcome
Analyze the significance of conventions and themes both diachronically and synchronically.

Fixed
6

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- TMA 291 - Media Arts History 1

Prerequisites

**Complete ALL of the following Courses:**
- TMA 292 - Media Arts History 2

**Additional Comments:**

Other Prerequisites
media arts major or minor status.

| Title | Tags |
| --- | --- |
| Transcendence in Cinema | 188686, 1 |

Learning Outcome
Consider the history and nature of transcendence in cinema, it's operation in particular films, and the permutations of relationships between transcendence/spirituality and film.

| Title | Tags |
| --- | --- |
| Personal Paradigm | 188687, 2 |

Learning Outcome
Explore and further articulate their personal paradigm of transcendence and film especially in its operation in specific cinematic texts.

| Title | Tags |
| --- | --- |
| Criticism Skills | 188688, 3 |

Learning Outcome
Develop "experimental criticism" skills (as identified by C.S. Lewis), examining a text's impact on spectators and its relationship to

the intent of its creators.

| Title | Tags |
| --- | --- |
| Scholarly Literature | 188689, 4 |

**Learning Outcome**
Establish familiarity with the some of the scholarly literature on religion/values and film.

## TMA 496R - Academic Internship: Theatre.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 496R |

**Teaching Area**
TMA
**Course Title**
Academic Internship: Theatre.
**Course Description**
Off-campus experience or internship in theatre.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
12

**Other Prerequisites**
Theatre Arts Studies and BFA Acting students; TMA 115; by application only. Theatre Education students: completion of all coursework or departmental approval; requires a GPA of 3.0 or higher; requires a C or higher in all education-related and major-required courses. Media students: TMA 112 and 114 and 185/105; by application only.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Specific to Internship | 189014, 1 |

**Learning Outcome**
Because of the individual nature of the internship course students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program level learning outcomes.

## TMA 496R - Academic Internship: Media.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 496R |

**Teaching Area**
TMA
**Course Title**
Academic Internship: Media.
**Course Description**
Off-campus experience or internship in media arts.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
9

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 114 - Reading and Constructing Narratives
  **AND** TMA 185 - Basic Media Production

**Additional Comments:**

**Other Prerequisites**
TMA 112 and 114 and 185/105; by application only.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
| --- | --- |
| Expanding Knowledge | 189198, 1 |

**Learning Outcome**
Students will improve their capacity as storytellers and filmmakers by observing and assisting in professional settings outside of BYU.

| Title | Tags |
| --- | --- |
| Effective Communication | 189257, 2 |

**Learning Outcome**

Collaborate effectively with other professionals in the creation of a film, television series, or other media production.

## TMA 496R - Academic Internship

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
496R

**Teaching Area**
TMA

**Course Title**
Academic Internship

**Course Description**
Off-campus experience or internship in theatre or media arts.

**Department**
Theatre & Media Arts

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
0.5

**Fixed**
12

**Other Prerequisites**
Theatre Arts Studies and BFA Acting students: TMA 115; by application only. Theatre education students: completion of all course work or departmental approval; requires a GPA of 3.0 or higher; requires a C or higher in all education-related and major-required courses. Media students: TMA 114 and 185/105; by application only.

**Note**
An approved Internship Application is required before adding.

**Title**
Expanding Knowledge

**Tags**
188560, 1

**Learning Outcome**
Students will improve their capacity as storytellers and filmmakers by observing and assisting in professional settings outside of BYU.

**Title**
Effective Communication

**Tags**
188561, 2

**Learning Outcome**
Collaborate effectively with other professionals in the creation of a film, television series, or other media production.

## TMA 497 - Media as a Mirror of Our Times

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
497

**Teaching Area**
TMA

**Course Title**
Media as a Mirror of Our Times

**Course Description**
Interdisciplinary approach to media texts as aesthetic and historical documents expressing a people, place, and time.

**Department**
Theatre & Media Arts

**When Taught**
Fall

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
2

#### Lab Hours

**Fixed**
3

**Other Prerequisites**
TMA 291 or 292; media arts major or minor status

**Title**
Understand and Explore Culture and Social Values

**Tags**
188690, 1

**Learning Outcome**
Student will explore media text as cultural and historical documents reflecting social values and anxieties. Students will utilizeInterdisciplinary approaches to analyze media texts aesthetically as determined by culture.

## TMA 498R - Special Topics in Media Arts

### Course Information

**Teaching Area (new)**

**Course Number**

## TMA 515R - Special Projects 3

### Course Information

**Teaching Area (new)**

**Course Number**

TMA 498R
Teaching Area
TMA
Course Title
Special Topics in Media Arts
Course Description
Consideration of compelling issues in media arts practice, theory, history, and criticism.
Department
Theatre & Media Arts
When Taught
Fall and Winter

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
3

Other Prerequisites
TMA 291 or 292; media arts major or minor status

| Title | Tags |
| --- | --- |
| Analysis | 188691, 1 |

Learning Outcome
In-depth textual, contextual, and subtextual analyses of a compelling topic in media arts.

| Title | Tags |
| --- | --- |
| Paradigm Exploration | 188692, 2 |

Learning Outcome
Paradigmatic exploration of emerging media arts issues in practice, theory and history.

| Title | Tags |
| --- | --- |
| Aesthetic and Historical implications | 188693, 3 |

Learning Outcome
Thoughtful consideration of aesthetic and historical implications of special media arts topics.

TMA 515R
Teaching Area
TMA
Course Title
Special Projects 3
Course Description
Advanced special projects in theatre or media arts.
Department
Theatre & Media Arts
When Taught
All Semesters/Terms

### Credit Hours

Min
1

Fixed
6

Other Prerequisites
Theatre and media arts students: by application.

| Title | Tags |
| --- | --- |
| Statement on Outcomes | 189199, 1 |

Learning Outcome
Because this course serves as an umbrella for a number of different sections that provide a variety of learning experiences, the instructor of each section will list at least three (3) course-level learning outcomes for that section that are in line with the applicable program-level learning outcomes.

| Title | Tags |
| --- | --- |
| Review of Applicable Texts | 188694, 4 |

**Learning Outcome**
Consideration of representative texts of the media arts special topic.

## TMA 515R - Special Projects 3: Media.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 515R |

**Teaching Area**
TMA
**Course Title**
Special Projects 3: Media.
**Course Description**
Advanced special projects in media arts.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

**Other Prerequisites**
Theatre and media arts students: by application.

| Title | Tags |
| --- | --- |
| Statement on Outcomes | 189200, 1 |

**Learning Outcome**
Because this course serves as an umbrella for a number of different sections that provide a variety of learning experiences, the instructor of each section will list at least three (3) course-level learning outcomes for that section that are in line with the applicable program-level learning outcomes.

## TMA 515R - Special Projects 3: Theatre.

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 515R |

**Teaching Area**
TMA
**Course Title**
Special Projects 3: Theatre.
**Course Description**
Advanced special projects in theatre.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1

**Fixed**
6

**Other Prerequisites**
Theatre and media arts students: by application.

| Title | Tags |
| --- | --- |
| Statement on Outcomes | 189170, 3 |

**Learning Outcome**

Because this course serves as an umbrella for a number of different sections that provide a variety of learning experiences, the instructor of each section will list at least three (3) course-level learning outcomes for that section that are in line with the applicable program-level learning outcomes.

## TMA 536R - Special Projects in Directing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 536R |

## TMA 551R - Playwriting 4

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TMA | 551R |

**Teaching Area**
TMA
**Course Title**
Special Projects in Directing
**Course Description**
Advanced experience in directing.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
0.5

**Fixed**
3

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 436 - Stage Directing 2: Advanced Directing Practicum

**Additional Comments:**

**Other Prerequisites**
application required.

**Teaching Area**
TMA
**Course Title**
Playwriting 4
**Course Description**
Workshop course designed to assist more advanced students in furthering their playwriting skills by writing or rewriting a play.
**Department**
Theatre & Media Arts
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
TMA 451 or instructor's consent

| Title | Tags |
|---|---|
| Writing Processes | 189055, 0, 1 |

**Learning Outcome**
Students will develop their own process for adapting content for the stage.

| Title | Tags |
|---|---|
| Theatrical Storytelling | 189070, 0, 1 |

**Learning Outcome**
Students demonstrate their ability to adapt stories to the stage.

| Title | Tags |
|---|---|
| Script Analysis | 189007, 0, 3 |

**Learning Outcome**
Students will demonstrate the skills to accurately and thoughtfully analyze and re-write their theatrical adaptations.

## TMA 590R - Master Seminar

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
590R

**Teaching Area**
TMA

**Course Title**
Master Seminar

**Course Description**
Special topics seminar on topics relevant to the fields of media and/or performance studies.

**Department**
Theatre & Media Arts

**When Taught**
Fall and Winter

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

**Title**
Contemporary Theatre Scholarship

**Tags**
188856, 0

**Learning Outcome**
Graduates will have an introduction to contemporary theatre scholarship

**Title**
Western Theatre History

**Tags**
188929, 0

**Learning Outcome**
Graduates will have a basic working knowledge of the major points of Western theatre history

**Title**

## TMA 599R - Academic Internship

### Course Information

**Teaching Area (new)**
TMA

**Course Number**
599R

**Teaching Area**
TMA

**Course Title**
Academic Internship

**Course Description**
Off-campus experience or internship in theatre or media arts.

**Department**
Theatre & Media Arts

**When Taught**
All Semesters/Terms

#### Credit Hours

**Min**
1

**Fixed**
9

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TMA 114 - Reading and Constructing Narratives
  **AND** TMA 185 - Basic Media Production

**Additional Comments:**

**Other Prerequisites**
Theatre students: TMA 115; by application only. Media students: TMA 112 and 114 and 185/105; by application only. TMA graduate student: by application only.

**Note**
An APPROVED Internship Application is required before adding.

**Title**
Individual Experience Outcomes

**Tags**
188916, 0

**Learning Outcome**
Because of the individual nature of the internship course students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program level learning outcomes.

| Title | Tags |
| --- | --- |
| General Global Historical Context | 188961, 0 |

**Learning Outcome**
Graduates will have a general global historical context in which to place performance events

| Title | Tags |
| --- | --- |
| Personal Exploration | 188985, 0 |

**Learning Outcome**
Graduates will have a space to explore your own interests and disciplines

## TMA 599R - Academic Internship: Media

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
599R
**Teaching Area**
TMA
**Course Title**
Academic Internship: Media
**Course Description**
Off-campus experience or internship in media arts.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1
**Fixed**
9

**Other Prerequisites**
Theatre students: TMA 115; by application only. TMA graduate student: application only
**Note**
An approved Internship Application is required before adding.

| Title | Tags |
|---|---|
| Individual Experience Outcomes | 189201, 1 |

**Learning Outcome**
Because of the individual nature of the internship course students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program level learning outcomes.

## TMA 599R - Academic Internship: Theatre.

### Course Information

**Teaching Area (new)**
TMA
**Course Number**
599R
**Teaching Area**
TMA
**Course Title**
Academic Internship: Theatre.
**Course Description**
Off-campus experience or internship in theatre.
**Department**
Theatre & Media Arts
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
1
**Fixed**
9

**Other Prerequisites**
Theatre students: TMA 115; by application only. TMA graduate student: application only.
**Note**
An APPROVED Internship Application is required before adding.

| Title | Tags |
|---|---|
| Individual Experience Outcomes | 188974, 0 |

**Learning Outcome**
Because of the individual nature of the internship course students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program level learning outcomes.

## TONGA 100 - Language Study: Tongan

### Course Information

**Teaching Area (new)**
TONGA
**Course Number**
100
**Teaching Area**
TONGA
**Course Title**
Language Study: Tongan
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Tongan.
**Department**
Language Studies
**When Taught**
Contact Department

## TONGA 101 - First-Year Language Study: Tongan

### Course Information

**Teaching Area (new)**
TONGA
**Course Number**
101
**Teaching Area**
TONGA
**Course Title**
First-Year Language Study: Tongan
**Course Description**
Beginning speaking, listening, reading, and writing skills in Tongan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

**Title**
Speaking

**Tags**
196662, 1

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

**Title**
Social Situations

**Tags**
196664, 2

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

**Title**
Follow Instructions

**Tags**
196678, 3

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Title**
Comprehension

**Tags**
196651, 1

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

**Title**
Speaking

**Tags**
196653, 2

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

**Title**
Writing

**Tags**
196655, 3

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

**Title**
Culture

**Tags**
196657, 4

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

# TONGA 102 - First-Year Language Study: Tongan

## Course Information

**Teaching Area (new)**
TONGA

**Course Number**
102

**Teaching Area**
TONGA

**Course Title**
First-Year Language Study: Tongan

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Tongan.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TONGA 101 - First-Year Language Study: Tongan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 196636, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

# TONGA 201 - Second-Year Language Study: Tongan

## Course Information

**Teaching Area (new)**
TONGA

**Course Number**
201

**Teaching Area**
TONGA

**Course Title**
Second-Year Language Study: Tongan

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Tongan.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**
- TONGA 102 - First-Year Language Study: Tongan

Prerequisites

**Complete ALL of the following Courses:**
- FLANG 102R - First-Year Language Study

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196629, 1 |

| Title | Tags |
| --- | --- |
| Speaking | 196637, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196638, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196639, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
| --- | --- |
| Vocabulary | 196630, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 196631, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 196633, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## TONGA 202 - Second-Year Language Study: Tongan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TONGA | 202 |

**Teaching Area**
TONGA
**Course Title**
Second-Year Language Study: Tongan
**Course Description**
Continued emphasis on Tongan communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**

## TONGA 305 - Language Skills Development: Tongan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TONGA | 305 |

**Teaching Area**
TONGA
**Course Title**
Language Skills Development: Tongan
**Course Description**
Increasing proficiency in one or more of the following Tongan language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TONGA 201 - Second-Year Language Study: Tongan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196622, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196624, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196626, 3 |

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196618, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196619, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196621, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 196628, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## TONGA 321 - Advanced Grammar: Tongan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TONGA | 321 |

**Teaching Area**
TONGA
**Course Title**
Advanced Grammar: Tongan
**Course Description**
Systematic review of grammar and syntax of Tongan.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

## TONGA 330 - Advanced Language Proficiency Through Cultural Studies: Tongan

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TONGA | 330 |

**Teaching Area**
TONGA
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Tongan
**Course Description**
Study of Tongan culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TONGA 202 - Second-Year Language Study: Tongan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196612, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 196613, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 196616, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

**Fixed**
0

**Other Prerequisites**
Tonga 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196605, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196606, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196608, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196610, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## TONGA 340 - Introduction to Literature:

## TONGA 350 - Advanced Language Study for

## TONGA 340 - Introduction to Literature: Tongan

### Course Information

**Teaching Area (new)**
TONGA
**Course Number**
340
**Teaching Area**
TONGA
**Course Title**
Introduction to Literature: Tongan
**Course Description**
Advanced study of Tongan literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TONGA 330 - Advanced Language Proficiency Through Cultural Studies: Tongan

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196599, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|

## TONGA 350 - Advanced Language Study for Career Purposes: Tongan

### Course Information

**Teaching Area (new)**
TONGA
**Course Number**
350
**Teaching Area**
TONGA
**Course Title**
Advanced Language Study for Career Purposes: Tongan
**Course Description**
Concentration on Tongan language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TONGA 330 - Advanced Language Proficiency Through Cultural Studies: Tongan

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196591, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|

| Key Characteristics | 196600, 2 |
|---|---|

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196602, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196603, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

| Knowledge | 196593, 2 |
|---|---|

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 196594, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 196595, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196597, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## TRM 199R - Academic Internship: Practicum

### Course Information

**Teaching Area (new)**
TRM
**Course Number**
199R
**Teaching Area**
TRM
**Course Title**
Academic Internship: Practicum
**Course Description**
Internship or cooperative education experience evaluated by supervisor and posted on student's transcript.
**Department**
Experience Design & Manag
**When Taught**

## TRM 400 - Inclusion and Disabilities in Therapeutic Recreation

### Course Information

**Teaching Area (new)**
TRM
**Course Number**
400
**Teaching Area**
TRM
**Course Title**
Inclusion and Disabilities in Therapeutic Recreation
**Course Description**
Making recreation / leisure services available to all populations. Analyzing implications of the Americans with Disabilities Act in recreational settings. Preparing recreation providers with knowledge

When Taught
Fall and Winter

### Credit Hours

Min
0.5

Fixed
3

### Lecture Hours

Fixed
1

and practical experience to enable them to include people from populations that have historically been underserved.

Department
Experience Design & Manag

When Taught
Fall

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
For Therapeutic Recreation and Management majors only.

| Title | Tags |
| --- | --- |
| Inclusive Recreation Services | 175429, 1 |

Learning Outcome
Have entry-level knowledge related to providing inclusive recreation services for individuals with disabilities in therapeutic recreation settings.

| Title | Tags |
| --- | --- |
| Americans with Disabilities Act (ADA) | 175430, 2 |

Learning Outcome
Have a basic understanding of the Americans with Disabilities Act (ADA) and how it relates to Therapeutic Recreation and inclusive recreation services.

| Title | Tags |
| --- | --- |
| History of Individuals with Disabilities | 175431, 3 |

Learning Outcome
Have a basic knowledge and understanding of the history of individuals with disabilities, how they have been treated, and what services they have received over time.

| Title | Tags |
| --- | --- |
| Process | 175432, 4 |

**Learning Outcome**
Use the Therapeutic Recreation process (assessment, planning, implementation, evaluation, and documentation) in an inclusive recreation environment.

| Title | Tags |
| --- | --- |
| Models | 175433, 5 |

**Learning Outcome**
Apply Therapeutic Recreation models in an inclusive recreation environment.

| Title | Tags |
| --- | --- |
| Practice Settings | 175434, 6 |

**Learning Outcome**
Use Therapeutic Recreation practice settings to provide inclusive recreation services for people with disabilities.

## TRM 401 - Introduction to Therapeutic Recreation

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TRM | 401 |

**Teaching Area**
TRM
**Course Title**
Introduction to Therapeutic Recreation
**Course Description**
Introduction to therapeutic recreation definitions, philosophies, practice models, history, processes, professional organizations, healthcare; and therapeutic recreation delivery systems, medical terminology, credentialing requirements, disability/diagnostic groups, and settings.
**Department**
Experience Design & Manag
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

## TRM 410 - Assessment and the Therapeutic Recreation Process

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TRM | 410 |

**Teaching Area**
TRM
**Course Title**
Assessment and the Therapeutic Recreation Process
**Course Description**
Gaining knowledge and ability in client assessment, theory-based and evidence-based treatment/program planning, and program/outcome evaluation.
**Department**
Experience Design & Manag
**When Taught**
Winter

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
2

**Other Prerequisites**
For Therapeutic Recreation and Management majors only

| Title | Tags |
|---|---|
| Topics in TR | 175435, 1 |

**Learning Outcome**
Define and explain TR, TR practice models, TR history, healthcare and TR delivery systems, credentialing requirements, and the TR process.

| Title | Tags |
|---|---|
| Skills and Abilities | 175436, 2 |

**Learning Outcome**
Use skills and abilities needed to practice TR and develop therapeutic relationships.

| Title | Tags |
|---|---|
| Populations Served by TR | 175437, 3 |

**Learning Outcome**
Demonstrate basic knowledge of characteristics of populations served by TR professionals including:

specific illnesses, disabilities, and diagnostic groups
social attitudes towards illness & disability
effects on quality of life a leisure functioning
legislation
related TR services & benefits
related terminology

## TRM 420 - Programming and Interventions in Therapeutic Recreation

### Course Information

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TRM 400 - Inclusion and Disabilities in Therapeutic Recreation
  **AND** TRM 401 - Introduction to Therapeutic Recreation

**Additional Comments:**

**Other Prerequisites**
For Therapeutic Recreation and Management majors only.

| Title | Tags |
|---|---|
| Processes and Techniques | 175438, 1 |

**Learning Outcome**
Demonstrate a basic understanding of key TR processes and techniques.

| Title | Tags |
|---|---|
| Assessment, Treatment Plans and Evaluation | 175439, 2 |

**Learning Outcome**
Demonstrate the ability to assess, plan, implement, document, and evaluate therapeutic recreation services that facilitate targeted outcomes, and that embrace personal and cultural dimensions of diversity.

## TRM 421 - Issues in Administration of Therapeutic Recreation

### Course Information

**Teaching Area (new)**
TRM
**Course Number**
420
**Teaching Area**
TRM
**Course Title**
Programming and Interventions in Therapeutic Recreation
**Course Description**
Hands-on and traditional educational experiences designed to facilitate the acquisition of skills in planning and implementing therapeutic recreation interventions and programs for a variety of clientele, including the appropriate use of intervention strategies and facilitation techniques.
**Department**
Experience Design & Manag
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
2

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TRM 410 - Assessment and the Therapeutic Recreation Process

**Additional Comments:**

**Title**
Models of service delivery and best practices
**Tags**
175440, 1

**Learning Outcome**
Demonstrate entry-level knowledge of the scope and practice of therapeutic recreation models of service delivery and best practices in the profession.

**Title**
**Tags**

**Teaching Area (new)**
TRM
**Course Number**
421
**Teaching Area**
TRM
**Course Title**
Issues in Administration of Therapeutic Recreation
**Course Description**
Hands-on and traditional educational experiences designed to facilitate the acquisition of skills in personnel/clinical supervision, standards of practice, ethical behavior, program evaluation, quality management and accreditation, financing, organization and service administration, written plan of operations, documentation, safety policies, and credentialing in therapeutic recreation.
**Department**
Experience Design & Manag
**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TRM 410 - Assessment and the Therapeutic Recreation Process

**Additional Comments:**

**Title**
Healthcare or community based setting
**Tags**
175444, 1

**Learning Outcome**
Demonstrate entry-level knowledge related to developing and managing a complete Therapeutic Recreation program/department in a healthcare or community based setting.

Techniques and processes 175441, 2

**Learning Outcome**
Demonstrate entry-level knowledge of the techniques and processes of the therapeutic recreation profession in decision-making through the use of best professional practices based on theoretical, philosophical, and scientific foundations of the field

**Title** | **Tags**
Planning of services | 175442, 3

**Learning Outcome**
Demonstrate the ability to conduct individualized planning of therapeutic recreation services clearly reflecting application of knowledge from relevant facets of contemporary professional therapeutic recreation practice, science, and philosophy and use culturally relevant evidence-based interventions, strategies, facilitation techniques, modalities, activities, and adaptations.

**Title** | **Tags**
Interventions and services for diverse clientele | 175443, 4

**Learning Outcome**
Demonstrate the ability to implement and facilitate therapeutic recreation interventions and services for diverse clientele, settings, cultures, and contexts including:

Individual and group leadership skills
Helping relationship skills
A variety of common therapeutic recreation interventions, facilitation techniques, activities, and modalities
Activity/task analysis, adaptation, and assistive technologies
Team and family participation
Advocacy
Contextualization to the service delivery system (e.g., health care, human services, recreation, education)

**Title** | **Tags**
Philosophy, mission statement etc.. for services. | 175445, 2

**Learning Outcome**
Demonstrate ability to develop & present a TR dept. philosophy, mission statement etc.. upon which to base all TR services.

**Title** | **Tags**
Processes | 175446, 3

**Learning Outcome**
Develop and structure all assessment, treatment planning, programming (including protocols), documentation, quality management/accreditation, and staff/personnel management processes.

**Title** | **Tags**
Standards of practice | 175447, 4

**Learning Outcome**
Ability to apply current standards of practice, codes of ethics/ethical behavior, and develop and defend a Written Plan of Operations to an external accrediting body.

## TRM 422 - Leadership and Facilitation Techniques in Therapeutic Recreation

### Course Information

**Teaching Area (new)**
TRM

**Course Number**
422

**Teaching Area**
TRM

**Course Title**
Leadership and Facilitation Techniques in Therapeutic Recreation

**Course Description**
Experiential and traditional educational experiences designed to facilitate acquisition of theoretical and practical knowledge and abilities in the therapeutic use of recreation and experiential interventions from both a client and therapist perspective. Focuses include leadership/facilitation skills, group dynamics and development, sequencing, processing skills, activity adaptation, etc.

**Department**
Experience Design & Manag

**When Taught**
Fall

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TRM 410 - Assessment and the Therapeutic Recreation Process

**Additional Comments:**

**Title**
Applying different leadership styles

**Tags**
175231, 2

**Learning Outcome**
Use different leadership styles and facilitation techniques based on population and situational characteristics.

## TRM 490R - Topics in Therapeutic Recreation and Management

### Course Information

**Teaching Area (new)**
TRM

**Course Number**
490R

**Teaching Area**
TRM

**Course Title**
Topics in Therapeutic Recreation and Management

**Course Description**
Special topics, mentored research, and learning experiences, including attending professional conferences, Study Abroad participation, and other learning experiences.

**Department**
Experience Design & Manag

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
4

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Instructor's consent.

**Title**
Designing TR and experiential activities

**Tags**
175232, 3

**Learning Outcome**
Plan and facilitate therapeutic recreation and experiential activities considering different group dynamics (stages of group development) and sequencing needs.

**Title**
Applying therapeutic processing skills

**Tags**
175233, 4

**Learning Outcome**
Effectively use a variety of therapeutic processing skills.

**Title**
Students will demonstrate theoretical knowledge and practical ability to:

**Tags**
175465, 1

**Learning Outcome**
a- Use different leadership styles and faciliataion techniques based on population and situational characteristics.
b- Plan and facillitate therapeutic recreation and experiential activites considering different group dynamics (stages of group development) and sequencing needs.
c- Effectively adapt activities and use adaptive equipment for different populations and abilities.
d- Effectivelly use a variety of therapeutic processing skills.

## TRM 496R - Senior Internship

### Course Information

**Teaching Area (new)**
TRM

**Course Number**
496R

**Teaching Area**
TRM

**Course Title**
Senior Internship

**Course Description**
Work experience in a therapeutic recreation agency under the supervision of a certified therapeutic recreation specialist. Applying academic skills and knowledge to solve problems and stimulate

## TRUKS 100 - Language Study: Trukese

### Course Information

**Teaching Area (new)**
TRUKS

**Course Number**
100

**Teaching Area**
TRUKS

**Course Title**
Language Study: Trukese

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Trukese.

**Department**

innovation.
**Department**
Experience Design & Manag
**When Taught**
Fall and Winter

### Credit Hours

**Min**
0.5

**Fixed**
12

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TRM 420 - Programming and Interventions in Therapeutic Recreation
  **AND** TRM 421 - Issues in Administration of Therapeutic Recreation

**Additional Comments:**

**Other Prerequisites**
For Therapeutic Recreation and Management majors only.
**Note**
An APPROVED Internship Application is required before adding.

Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 196585, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 196586, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 196589, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## TRUKS 101 - First-Year Language Study: Trukese

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TRUKS | 101 |

**Teaching Area**
TRUKS

## TRUKS 102 - First-Year Language Study: Trukese

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TRUKS | 102 |

**Teaching Area**
TRUKS

TRUKS
**Course Title**
First-Year Language Study: Trukese
**Course Description**
Beginning speaking, listening, reading, and writing skills in Trukese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
|---|---|
| Comprehension | 196574, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196575, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 196577, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|

TRUKS
**Course Title**
First-Year Language Study: Trukese
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Trukese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TRUKS 101 - First-Year Language Study: Trukese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 196564, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 196565, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Culture | 196580, 4 |
|---|---|

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
|---|---|
| Writing | 196569, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Culture | 196572, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## TRUKS 201 - Second-Year Language Study: Trukese

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TRUKS | 201 |

**Teaching Area**
TRUKS
**Course Title**
Second-Year Language Study: Trukese
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Trukese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

## TRUKS 202 - Second-Year Language Study: Trukese

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| TRUKS | 202 |

**Teaching Area**
TRUKS
**Course Title**
Second-Year Language Study: Trukese
**Course Description**
Continued emphasis on Trukese communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TRUKS 102 - First-Year Language Study: Trukese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196549, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196552, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196554, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196556, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TRUKS 201 - Second-Year Language Study: Trukese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196538, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196540, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196542, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196544, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

# TRUKS 305 - Language Skills Development: Trukese

## Course Information

Teaching Area (new): TRUKS
Course Number: 305
Teaching Area: TRUKS
Course Title: Language Skills Development: Trukese
Course Description: Increasing proficiency in one or more of the following Trukese language and culture skills: speaking, listening, reading, writing, cultural awareness.
Department: Language Studies
When Taught: Contact Department

### Credit Hours

Min: 1
Fixed: 4

Other Prerequisites
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196530, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196533, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

# TRUKS 321 - Advanced Grammar: Trukese

## Course Information

Teaching Area (new): TRUKS
Course Number: 321
Teaching Area: TRUKS
Course Title: Advanced Grammar: Trukese
Course Description: Systematic review of grammar and syntax of Trukese.
Department: Language Studies
When Taught: Contact Department

### Credit Hours

Min: 3
Fixed: 3

### Lecture Hours

Fixed: 3

### Lab Hours

Fixed: 0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- TRUKS 202 - Second-Year Language Study: Trukese

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196521, 1 |

Learning Outcome
Analyze target language

| Title | Tags |
| --- | --- |
| Cultural Competence | 196534, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 196523, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196527, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## TRUKS 330 - Advanced Language Proficiency Through Cultural Studies: Trukese

### Course Information

**Teaching Area (new)**
TRUKS
**Course Number**
330
**Teaching Area**
TRUKS
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Trukese
**Course Description**
Study of Trukese culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

## TRUKS 340 - Introduction to Literature: Trukese

### Course Information

**Teaching Area (new)**
TRUKS
**Course Number**
340
**Teaching Area**
TRUKS
**Course Title**
Introduction to Literature: Trukese
**Course Description**
Advanced study of Trukese literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Lab Hours**

**Fixed**
0

**Other Prerequisites**
Truks 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196510, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196513, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196515, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196518, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TRUKS 330 - Advanced Language Proficiency Through Cultural Studies: Trukese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196501, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196502, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196504, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196506, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## TRUKS 350 - Advanced Language Study for Career Purposes: Trukese

### Course Information

**Teaching Area (new)**
TRUKS

**Course Number**
350

**Teaching Area**
TRUKS

**Course Title**
Advanced Language Study for Career Purposes: Trukese

**Course Description**
Concentration on Trukese language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TRUKS 330 - Advanced Language Proficiency Through Cultural Studies: Trukese

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 196493, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

## TURK 100 - Language Study: Turkish

### Course Information

**Teaching Area (new)**
TURK

**Course Number**
100

**Teaching Area**
TURK

**Course Title**
Language Study: Turkish

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Turkish.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 196460, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 196461, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 196464, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to

| Title | Tags |
| --- | --- |
| Knowledge | 196496, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 196498, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196499, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196500, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

target language well enough to follow simple instructions.

## TURK 101 - First-Year Language Study: Turkish

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TURK | 101 |

**Teaching Area**
TURK
**Course Title**
First-Year Language Study: Turkish
**Course Description**
Beginning speaking, listening, reading, and writing skills in Turkish.

## TURK 102 - First-Year Language Study: Turkish

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TURK | 102 |

**Teaching Area**
TURK
**Course Title**
First-Year Language Study: Turkish
**Course Description**
Second-semester speaking, listening, reading, and writing skills in

**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 196467, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196468, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196471, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196472, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the Turkish.

**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TURK 101 - First-Year Language Study: Turkish

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 196476, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 196478, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 196481, 3 |

target culture.

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 196484, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## TURK 201 - Second-Year Language Study: Turkish

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TURK | 201 |

**Teaching Area**
TURK
**Course Title**
Second-Year Language Study: Turkish
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Turkish.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

## TURK 202 - Second-Year Language Study: Turkish

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TURK | 202 |

**Teaching Area**
TURK
**Course Title**
Second-Year Language Study: Turkish
**Course Description**
Continued emphasis on Turkish communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Fulfill ANY of the following requirements:**

Prerequisites

**Complete ALL of the following Courses:**

- TURK 102 - First-Year Language Study: Turkish

Prerequisites

**Complete ALL of the following Courses:**

- FLANG 102R - First-Year Language Study

**Additional Comments:**

**Note**

Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 196069, 1 |

**Learning Outcome**

Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 196071, 2 |

**Learning Outcome**

Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 196073, 3 |

**Learning Outcome**

Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 196075, 4 |

**Learning Outcome**

Discuss in the target language common products and practices related to every-day life in the target culture.

Prerequisites

**Complete ALL of the following Courses:**

- TURK 201 - Second-Year Language Study: Turkish

**Additional Comments:**

**Note**

Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 196060, 1 |

**Learning Outcome**

In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 196061, 2 |

**Learning Outcome**

Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196063, 3 |

**Learning Outcome**

Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196065, 4 |

**Learning Outcome**

Complete Languages of Learning and Global & Cultural Awareness for General Education.

## TURK 305 - Language Skills Development: Turkish

### Course Information

**Teaching Area (new)**
TURK

**Course Number**
305

**Teaching Area**
TURK

**Course Title**
Language Skills Development: Turkish

**Course Description**
Increasing proficiency in one or more of the following Turkish language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 196055, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 196056, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 196057, 3 |

## TURK 321 - Advanced Grammar: Turkish

### Course Information

**Teaching Area (new)**
TURK

**Course Number**
321

**Teaching Area**
TURK

**Course Title**
Advanced Grammar: Turkish

**Course Description**
Systematic review of grammar and syntax of Turkish.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TURK 202 - Second-Year Language Study: Turkish

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 196048, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

| Title | Tags |
| --- | --- |
| Apply | 196050, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 196052, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## TURK 330 - Advanced Language Proficiency Through Cultural Studies: Turkish

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TURK | 330 |

Teaching Area
TURK
Course Title
Advanced Language Proficiency Through Cultural Studies: Turkish
Course Description
Study of Turkish culture using interpersonal, presentational, and interpretive skills in the target language.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
Turk 202 or equivalent.

## TURK 340 - Introduction to Literature: Turkish

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TURK | 340 |

Teaching Area
TURK
Course Title
Introduction to Literature: Turkish
Course Description
Advanced study of Turkish literature. Continued emphasis on communication skills and culture.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 196024, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 196026, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 196031, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 196035, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TURK 330 - Advanced Language Proficiency Through Cultural Studies: Turkish

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 196002, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 196003, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 196007, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 196009, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## TURK 350 - Advanced Language Study for Career Purposes: Turkish

### Course Information

## TWI 100 - Language Study: Twi

### Course Information

| Teaching Area (new) | Course Number |
|---|---|

**Teaching Area (new)**
TURK
**Course Number**
350
**Teaching Area**
TURK
**Course Title**
Advanced Language Study for Career Purposes: Turkish
**Course Description**
Concentration on Turkish language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

## Credit Hours

**Min**
3

**Fixed**
3

## Lecture Hours

**Fixed**
3

## Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TURK 330 - Advanced Language Proficiency Through Cultural Studies: Turkish

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 195997, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 195998, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss

**TWI** 100
**Teaching Area**
TWI
**Course Title**
Language Study: Twi
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Twi.
**Department**
Language Studies
**When Taught**
Contact Department

## Credit Hours

**Min**
2

**Fixed**
2

## Lecture Hours

**Fixed**
2

## Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 195994, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 195995, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 195996, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 195999, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 196000, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 196001, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## TWI 101 - First-Year Language Study: Twi

### Course Information

**Teaching Area (new)**
TWI
**Course Number**
101
**Teaching Area**
TWI
**Course Title**
First-Year Language Study: Twi
**Course Description**
Beginning speaking, listening, reading, and writing skills in Twi.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

## TWI 102 - First-Year Language Study: Twi

### Course Information

**Teaching Area (new)**
TWI
**Course Number**
102
**Teaching Area**
TWI
**Course Title**
First-Year Language Study: Twi
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Twi.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 195988, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195990, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195992, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195993, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TWI 101 - First-Year Language Study: Twi

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 195982, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195983, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195985, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195986, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## TWI 201 - Second-Year Language Study: Twi

### Course Information

**Teaching Area (new)**
TWI

**Course Number**
201

**Teaching Area**
TWI

**Course Title**
Second-Year Language Study: Twi

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Twi.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TWI 102 - First-Year Language Study: Twi

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |

## TWI 202 - Second-Year Language Study: Twi

### Course Information

**Teaching Area (new)**
TWI

**Course Number**
202

**Teaching Area**
TWI

**Course Title**
Second-Year Language Study: Twi

**Course Description**
Continued emphasis on Twi communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TWI 201 - Second-Year Language Study: Twi

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Elaboration | 195974, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
| --- | --- |
| Vocabulary | 195976, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 195978, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 195980, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
| --- | --- |
| Communication Skills | 195966, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 195969, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195970, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195972, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## TWI 305 - Language Skills Development: Twi

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TWI | 305 |

## TWI 321 - Advanced Grammar: Twi

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TWI | 321 |

**Teaching Area**
TWI
**Course Title**
Language Skills Development: Twi
**Course Description**
Increasing proficiency in one or more of the following Twi language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 195957, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 195959, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 195961, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Teaching Area**
TWI
**Course Title**
Advanced Grammar: Twi
**Course Description**
Systematic review of grammar and syntax of Twi.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TWI 202 - Second-Year Language Study: Twi

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 195950, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 195951, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 195953, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## TWI 330 - Advanced Language Proficiency Through Cultural Studies: Twi

### Course Information

**Teaching Area (new)**
TWI

**Course Number**
330

**Teaching Area**
TWI

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Twi

**Course Description**
Study of Twi culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Twi 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 195942, 1 |

**Learning Outcome**
In both written and spoken

## TWI 340 - Introduction to Literature: Twi

### Course Information

**Teaching Area (new)**
TWI

**Course Number**
340

**Teaching Area**
TWI

**Course Title**
Introduction to Literature: Twi

**Course Description**
Advanced study of Twi literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- TWI 330 - Advanced Language Proficiency Through Cultural Studies: Twi

**Additional Comments:**

target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |
| Comprehension | 195943, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195945, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195948, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 195933, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 195934, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 195936, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 195937, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## TWI 350 - Advanced Language Study for Career Purposes: Twi

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| TWI | 350 |

**Teaching Area**
TWI
**Course Title**
Advanced Language Study for Career Purposes: Twi
**Course Description**
Concentration on Twi language and culture issues for specific careers.
**Department**
Language Studies

## UKRAI 100 - Language Study: Ukrainian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| UKRAI | 100 |

**Teaching Area**
UKRAI
**Course Title**
Language Study: Ukrainian
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Ukrainian.
**Department**
Language Studies

Language Studies
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- TWI 330 - Advanced Language Proficiency Through Cultural Studies: Twi

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 195924, 1 |

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 195925, 2 |

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 195927, 3 |

Learning Outcome
Understand, interpret and

When Taught
Contact Department

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed
0

| Title | Tags |
| --- | --- |
| Speaking | 195917, 1 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 195919, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 195920, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 195928, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195929, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## UKRAI 101 - First-Year Ukrainian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| UKRAI | 101 |

**Teaching Area**
UKRAI
**Course Title**
First-Year Ukrainian
**Course Description**
Beginning speaking, listening, reading, and writing skills in Ukrainian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**

## UKRAI 102 - First-Year Ukrainian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| UKRAI | 102 |

**Teaching Area**
UKRAI
**Course Title**
First-Year Ukrainian
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Ukrainian.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 193260, 2 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 193261, 1 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 193277, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193285, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- UKRAI 101 - First-Year Ukrainian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Speaking | 193294, 1 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Comprehension | 193303, 2 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Writing | 193311, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 193312, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## UKRAI 201 - Second-Year Ukrainian

### Course Information

**Teaching Area (new)**
UKRAI

**Course Number**
201

**Teaching Area**
UKRAI

**Course Title**
Second-Year Ukrainian

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Ukrainian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- UKRAI 102 - First-Year Ukrainian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Vocabulary

**Tags**
193328, 2

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

## UKRAI 211R - Second-Year Conversation

### Course Information

**Teaching Area (new)**
UKRAI

**Course Number**
211R

**Teaching Area**
UKRAI

**Course Title**
Second-Year Conversation

**Course Description**
Intermediate listening comprehension and speaking skills in Ukrainian.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
0.5

**Fixed**
5

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- UKRAI 201 - Second-Year Ukrainian

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Conversations

**Tags**
193365, 1

**Learning Outcome**
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

**Title**
Survival Transactions

**Tags**
193374, 2

**Learning Outcome**
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

| Title | Tags |
| --- | --- |
| Elaboration | 193337, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
| --- | --- |
| Grammar | 193346, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 193354, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

| Title | Tags |
| --- | --- |
| Pronunciation and Accuracy | 194901, 3 |

**Learning Outcome**
Be understood by native speakers accustomed to dealing with non-native speakers.

## UKRAI 305 - Language Skills Development: Ukrainian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| UKRAI | 305 |

**Teaching Area**
UKRAI
**Course Title**
Language Skills Development: Ukrainian
**Course Description**
Increasing proficiency in one or more of the following Ukrainian language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

## UKRAI 321 - Advanced Grammar: Ukrainian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| UKRAI | 321 |

**Teaching Area**
UKRAI
**Course Title**
Advanced Grammar: Ukrainian
**Course Description**
Systematic review of grammar and syntax of Ukrainian.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 195907, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 195908, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195909, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- FLANG 202R - Second-Year Language Study

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 195904, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 195905, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 195906, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## UKRAI 330 - Cultural History of Ukraine

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| UKRAI | 330 |

Teaching Area
UKRAI
Course Title
Cultural History of Ukraine
Course Description

## UKRAI 340 - Introduction to Literature: Ukrainian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| UKRAI | 340 |

Teaching Area
UKRAI
Course Title
Introduction to Literature: Ukrainian

Study of Ukrainian culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
1

**Other Prerequisites**
Ukrai 201 or foreign residence experience

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| General Education Requirements | 192045, 7 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

| Title | Tags |
|---|---|
| Communication Skills | 193193, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Cultural Knowledge | 193213, 4 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and

**Course Description**
Advanced study of Ukrainian literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- UKRAI 330 - Cultural History of Ukraine

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 195892, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 195893, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 195894. 3 |

religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| Comprehension | 193232, 2 |

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 195895, 4 |

Learning Outcome
Improve target-language reading, writing, and speaking skills.

## UKRAI 350 - Advanced Language Study for Career Purposes: Ukrainian

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| UKRAI | 350 |

Teaching Area
UKRAI
Course Title
Advanced Language Study for Career Purposes: Ukrainian
Course Description
Concentration on Ukrainian language and culture issues for specific careers.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

## UNIV 101 - BYU Foundations for Student Success

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| UNIV | 101 |

Teaching Area
UNIV
Course Title
BYU Foundations for Student Success
Course Description
Focuses on the mission and aims of a BYU education, the balanced development of the total person, the purposes of a university education, preparing for a life of service, and making the transition to life as a BYU student. Topics include but are not limited to becoming a Christ-centered disciple-scholar, service, managing expectations, relationships with faculty, healthy mindsets, belonging, working with diverse ideas and opinions, and planning next steps.
Department
1449
When Taught
All Semesters/Terms

### Credit Hours

Fixed
2

### Lecture Hours

Fixed
2

### Lab Hours

Fixed

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- UKRAI 330 - Cultural History of Ukraine

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 195887, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 195888, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 195889, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 195890, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
|---|---|
| Cultural Competence | 195891, 5 |

**Learning Outcome**

0

**Learning Outcome**
Students will recognize and value the unique community, purpose, and Mission and Aims of BYU and connect the BYU experience to their own educational and spiritual goals.

**Tags**
213276, 0, 1, 2023-08-25 09:32:08

**Learning Outcome**
Students will recognize and feel confident in accessing campus resources that provide support for academic success and personal resiliency in addition to physical, social, and financial well-being.

**Tags**
213277, 0, 2, 2023-08-25 09:32:40

**Learning Outcome**
Students will develop the character essential to lifelong disciple-scholarship using gospel-centered learning, intellectual humility, and respectful engagement with others.

**Tags**
213278, 0, 3, 2023-08-25 09:32:48

**Learning Outcome**
Students will discover the value of both contributing and belonging to the BYU community by embracing the Honor Code, the Dress and Grooming Standards, the Statement on Belonging, and current prophetic guidance; participating in activities and events; and serving others.

**Tags**
213279, 0, 4, 2023-08-25 09:32:57

Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## UNIV 210R - Topics in Global and Cultural Awareness

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
210R

**Teaching Area**
UNIV

**Course Title**
Topics in Global and Cultural Awareness

**Course Description**
Survey or introductory approach to issues of global and cultural awareness.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
This course will fill the GE Global and Cultural Awareness requirement.

**Title**
Learning Outcomes

**Tags**
212481, 0, 1

**Learning Outcome**
By the end of this course, students will be able to
Demonstrate understanding of the complexity of elements important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practices.
Ask complex questions about other cultures, seek out and

## UNIV 213R - Topics in Quantitative Reasoning

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
213R

**Teaching Area**
UNIV

**Course Title**
Topics in Quantitative Reasoning

**Course Description**
Introduction to principles of mathematics, statistics, quantitative reasoning, finance and/or accounting.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
This course will fill the GE Quantitative Reasoning requirement.

**Title**
Learning Outcomes

**Tags**
212487, 0, 1

**Learning Outcome**
By the end of this course, students will be able to
Apply concepts of sampling and data collection to reach accurate conclusions.
Critically evaluate quantitative argument and underlying assumptions.
Recognize and integrate other ways of knowing, including approaches rooted in the gospel

articulate answers to these questions that reflect multiple cultural perspectives.
Recognize and integrate other ways of knowing, including approaches rooted in the gospel of Jesus Christ, and demonstrate ability to act in a supportive manner that recognizes the feelings of another cultural group.
Communicate and interact effectively and appropriately in intercultural situations.

of Jesus Christ, and demonstrate ability to act in a supportive manner that recognizes the feelings of another cultural group.
Communicate conclusions in oral, visual, or written format using judicious interpretation of evidence.

## UNIV 214R - Topics in the Arts

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
214R

**Teaching Area**
UNIV

**Course Title**
Topics in the Arts

**Course Description**
Survey or introductory approach to issues in the arts. Topics may include but are not limited to music, dance, fine art, design, film, interdisciplinary humanities, or area studies.

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
This course will fill the GE Arts requirement.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 212482, 0, 1 |

**Learning Outcome**
By the end of this course, students will be able to
Apply relevant knowledge and

## UNIV 215R - Topics in Literature

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
215R

**Teaching Area**
UNIV

**Course Title**
Topics in Literature

**Course Description**
Survey or introductory approach to issues in literature.

**When Taught**
Contact Department

#### Credit Hours

**Min**
3

**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Note**
This course will fill the GE Letters requirement.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 212483, 0, 1 |

**Learning Outcome**
By the end of this course, students will be able to
Apply relevant knowledge and methods from the study of literature to explore a question

Apply relevant knowledge and methods from the arts, the humanities, and other creative fields to explore a question, theme, or topic.
Frame questions, locate and evaluate evidence, and develop critically nuanced work that accounts for opposing views, relevant historical or cultural contexts, and personal and cultural biases.
Recognize and integrate different ways of knowing, including approaches rooted in the gospel of Jesus Christ, as they analyze a question, theme, or topic.
Communicate conclusions in oral, visual, or written format using relevant vocabulary and judicious interpretation of evidence.

literature to explore a question, theme or topic.
Frame questions, locate and evaluate evidence, and develop critically nuanced work that accounts for opposing views, relevant historical or cultural contexts, and personal and cultural biases.
Recognize and integrate different ways of knowing, including approaches rooted in the gospel of Jesus Christ, as they analyze a question, theme or topic.
Communicate conclusions in oral, visual or written format using relevant vocabulary and judicious interpretation of evidence.

## UNIV 216R - Topics in Biological Sciences

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
216R

**Teaching Area**
UNIV

**Course Title**
Topics in Biological Sciences

**Course Description**
Survey or introduction to principles of biological sciences; topics may include but are not limited to human, environmental, micro or molecular biology, health and disease, nutrition, genetics, etc.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**

## UNIV 217R - Topics in Physical Science

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
217R

**Teaching Area**
UNIV

**Course Title**
Topics in Physical Science

**Course Description**
Survey or introduction to principles of physical sciences; topics may include but are not limited to chemistry, physics, geology, etc.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Note**
The course will fill the GE Physical Science requirement

Note
This course will fill the GE Biological Science requirement.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 212484, 0, 1 |

Learning Outcome
By the end of this course, students will be able to
Apply methods and tools from the biological sciences to explore a question, theme, or topic.
Evaluate evidence, data, and opinions through analysis and scrutiny of methodologies, experimental results, personal, disciplinary, and societal biases, and stakeholder priorities.
Recognize and integrate different ways of knowing, including approaches rooted in the gospel of Jesus Christ, as they analyze a question, theme, or topic.
Communicate conclusions in oral, visual, or written format using relevant vocabulary and judicious interpretation of evidence.

The course will fill the GE Physical Science requirement.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 212485, 0, 1 |

Learning Outcome
By the end of this course, students will be able to
Apply methods and tools from the physical sciences to explore a question, theme or topic.
Evaluate evidence, data, and opinions through analysis and scrutiny of methodologies, experimental results, personal, disciplinary, and societal biases, and stakeholder priorities.
Recognize and integrate different ways of knowing, including approaches rooted in the gospel of Jesus Christ, as they analyze a question, theme, or topic.
Communicate conclusions in oral, visual, or written format using relevant vocabulary and judicious interpretation of evidence.

## UNIV 218R - Topics in Social Science

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| UNIV | 218R |

Teaching Area
UNIV
Course Title
Topics in Social Science
Course Description
Survey or introductory approach to issues in the social sciences; topics may include but are not limited to anthropology, archaeology, economics, government, history, psychology, sociology, social work, etc.
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

## UNIV 295R - Special Topics

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| UNIV | 295R |

Teaching Area
UNIV
Course Title
Special Topics
Course Description
Survey or introductory course on various approved topics with appeal or application to a broad undergraduate audience. May include one-time offerings, study abroad related courses, or other university-wide topics.
When Taught
Contact Department

### Credit Hours

Min
3
Fixed
3

### Lecture Hours

Fixed
3

**Lab Hours**

**Fixed**
0

**Lab Hours**

**Fixed**
0

**Note**
This course will fill the GE Social Science requirement.

| Title | Tags |
| --- | --- |
| Learning Outcomes | 212486, 0, 1 |

**Learning Outcome**
By the end of this course, students will be able to
Apply relevant historical knowledge and social science disciplinary methods to explore a question, theme, or topic.
Frame questions, locate and evaluate evidence, and develop arguments that account for relevant historical and societal contexts, opposing views, and personal and disciplinary biases.
Recognize and integrate different ways of knowing, including approaches rooted in the gospel of Jesus Christ, as they analyze a question, theme, or topic.
Communicate conclusions in oral, visual, or written format using relevant vocabulary and judicious interpretation of evidence.

## UNIV 310R - Studies in Global and Cultural Awareness

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
310R

**Teaching Area**
UNIV

**Course Title**
Studies in Global and Cultural Awareness

**Course Description**
Intensive examination of issues from a global or cultural perspective. Presumes some level of foundational content knowledge of familiarity with this approach.

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

## UNIV 314R - Studies in the Arts

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
314R

**Teaching Area**
UNIV

**Course Title**
Studies in the Arts

**Course Description**
Intensive examination of issues in the arts. Topics may include but are not limited to music, dance, fine art, design, film, interdisciplinary humanities, or area studies. Presumes foundational or content knowledge, familiarity with principles of analysis, theory, vocabulary, etc.

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

## UNIV 315R - Studies in Literature

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
315R

**Teaching Area**
UNIV

**Course Title**
Studies in Literature

**Course Description**
Intensive examination of topics in literature. Presumes foundational knowledge in literary theory, criticism, and analysis.

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

## UNIV 316R - Studies in Biological Sciences

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
316R

**Teaching Area**
UNIV

**Course Title**
Studies in Biological Sciences

**Course Description**
Intermediate level study of principles of biological sciences requiring some foundational content knowledge; topics may include but are not limited to human, environmental, micro or molecular biology, health and disease, nutrition, genetics, etc.

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

## UNIV 317R - Studies in Physical Science

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
317R

**Teaching Area**
UNIV

**Course Title**
Studies in Physical Science

**Course Description**
Intensive examination of issues and topics in physical sciences requiring some foundation content knowledge; topics may include but are not limited to chemistry, physics, geology, etc.

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

## UNIV 318R - Studies in Social Science

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
318R

**Teaching Area**
UNIV

**Course Title**
Studies in Social Science

**Course Description**
Intensive examination of issues in the social sciences requiring familiarity with social science methods and vocabulary; topics may include but are not limited to anthropology, archaeology, economics, government, history, psychology, sociology, social work, etc.

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

## UNIV 395R - Special Topics

### Course Information

**Teaching Area (new)**
UNIV

**Course Number**
395R

**Teaching Area**
UNIV

**Course Title**
Special Topics

**Course Description**
Upper-level course on various approved topics with appeal or application to a broad undergraduate audience. May include one-time offerings, study abroad related courses, or other university-wide topics.

**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
3

## URDU 100 - Language Study: Urdu

### Course Information

**Teaching Area (new)**
URDU

**Course Number**
100

**Teaching Area**
URDU

**Course Title**
Language Study: Urdu

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Urdu.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 195884, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 195885, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 195886, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## URDU 101 - First-Year Language Study: Urdu

### Course Information

**Teaching Area (new)**
URDU
**Course Number**
101
**Teaching Area**
URDU
**Course Title**
First-Year Language Study: Urdu
**Course Description**
Beginning speaking, listening, reading, and writing skills in Urdu.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

## URDU 102 - First-Year Language Study: Urdu

### Course Information

**Teaching Area (new)**
URDU
**Course Number**
102
**Teaching Area**
URDU
**Course Title**
First-Year Language Study: Urdu
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Urdu.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |
| Comprehension | 195880, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195881, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195882, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195883, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- URDU 101 - First-Year Language Study: Urdu

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 195876, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195877, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195878, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195879, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## URDU 201 - Second-Year Language Study: Urdu

### Course Information

**Teaching Area (new)**
URDU

**Course Number**
201

**Teaching Area**
URDU

**Course Title**
Second-Year Language Study: Urdu

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Urdu.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- URDU 102 - First-Year Language Study: Urdu

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Elaboration | 195872, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do

## URDU 202 - Second-Year Language Study: Urdu

### Course Information

**Teaching Area (new)**
URDU

**Course Number**
202

**Teaching Area**
URDU

**Course Title**
Second-Year Language Study: Urdu

**Course Description**
Continued emphasis on Urdu communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- URDU 201 - Second-Year Language Study: Urdu

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
| --- | --- |
| Communication Skills | 195868, 1 |

**Learning Outcome**
In both written and spoken

this in present, past and future time.

| Title | Tags |
| --- | --- |
| Vocabulary | 195873, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 195874, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 195875, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 195869, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195870, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195871, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## URDU 305 - Language Skills Development: Urdu

### Course Information

**Teaching Area (new)** | **Course Number**
URDU | 305

**Teaching Area**
URDU

**Course Title**
Language Skills Development: Urdu

**Course Description**
Increasing proficiency in one or more of the following Urdu language

## URDU 321 - Advanced Grammar: Urdu

### Course Information

**Teaching Area (new)** | **Course Number**
URDU | 321

**Teaching Area**
URDU

**Course Title**
Advanced Grammar: Urdu

**Course Description**
Systematic review of grammar and syntax of Urdu.

**Department**

increasing proficiency in one or more of the following Urdu language and culture skills: speaking, listening, reading, writing, cultural awareness.

**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 195865, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 195866, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
|---|---|
| Cultural Competence | 195867, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- URDU 202 - Second-Year Language Study: Urdu

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 195862, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 195863, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
|---|---|
| Independent Learning | 195864, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and

appropriate resources for
language analysis.

## URDU 330 - Advanced Language Proficiency Through Cultural Studies: Urdu

### Course Information

**Teaching Area (new)**
URDU
**Course Number**
330
**Teaching Area**
URDU
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Urdu
**Course Description**
Study of Urdu culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Urdu 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
| --- | --- |
| Communication Skills | 195858, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
| --- | --- |

## URDU 340 - Introduction to Literature: Urdu

### Course Information

**Teaching Area (new)**
URDU
**Course Number**
340
**Teaching Area**
URDU
**Course Title**
Introduction to Literature: Urdu
**Course Description**
Advanced study of Urdu literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- URDU 330 - Advanced Language Proficiency Through Cultural Studies: Urdu

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Recognize and Analyze | 195854, 1 |

**Learning Outcome**

| Title | Tags |
| --- | --- |
| Comprehension | 195859, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195860, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195861, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
| --- | --- |
| Key Characteristics | 195855, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 195856, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 195857, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## URDU 350 - Advanced Language Study for Career Purposes: Urdu

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| URDU | 350 |

**Teaching Area**
URDU
**Course Title**
Advanced Language Study for Career Purposes: Urdu
**Course Description**
Concentration on Urdu language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**

## VANTU 100 - Language Study: Vanuatu

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VANTU | 100 |

**Teaching Area**
VANTU
**Course Title**
Language Study: Vanuatu
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Vanuatu.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2

3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- URDU 330 - Advanced Language Proficiency Through Cultural Studies: Urdu

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 195849, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 195850, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 195851, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 195846, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Social Situations | 195847, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Follow Instructions | 195848, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

| Communicative Competence | 195852, 4 |
|---|---|

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
|---|---|
| Cultural Competence | 195853, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## VANTU 101 - First-Year Language Study: Vanuatu

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| VANTU | 101 |

**Teaching Area**
VANTU
**Course Title**
First-Year Language Study: Vanuatu
**Course Description**
Beginning speaking, listening, reading, and writing skills in Vanuatu.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**

## VANTU 102 - First-Year Language Study: Vanuatu

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| VANTU | 102 |

**Teaching Area**
VANTU
**Course Title**
First-Year Language Study: Vanuatu
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Vanuatu.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 195842, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195843, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195844, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195845, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## VANTU 201 - Second-Year Language Study: Vanuatu

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- VANTU 101 - First-Year Language Study: Vanuatu

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 195804, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195805, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195806, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195807, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## VANTU 202 - Second-Year Language Study: Vanuatu

## Course Information

**Teaching Area (new)**
VANTU

**Course Number**
201

**Teaching Area**
VANTU

**Course Title**
Second-Year Language Study: Vanuatu

**Course Description**
Intermediate speaking, listening, reading, and writing skills in Vanuatu.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- VANTU 102 - First-Year Language Study: Vanuatu

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 195838, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|

## Course Information

**Teaching Area (new)**
VANTU

**Course Number**
202

**Teaching Area**
VANTU

**Course Title**
Second-Year Language Study: Vanuatu

**Course Description**
Continued emphasis on Vanuatu communication skills, vocabulary building, and cultural awareness.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- VANTU 201 - Second-Year Language Study: Vanuatu

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 195834, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Vocabulary | 195839, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
| --- | --- |
| Grammar | 195840, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
| --- | --- |
| Culture | 195841, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

| Title | Tags |
| --- | --- |
| Comprehension | 195835, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195836, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195837, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## VANTU 305 - Language Skills Development: Vanuatu

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VANTU | 305 |

**Teaching Area**
VANTU
**Course Title**
Language Skills Development: Vanuatu
**Course Description**
Increasing proficiency in one or more of the following Vanuatu language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

## VANTU 321 - Advanced Grammar: Vanuatu

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VANTU | 321 |

**Teaching Area**
VANTU
**Course Title**
Advanced Grammar: Vanuatu
**Course Description**
Systematic review of grammar and syntax of Vanuatu.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

### Credit Hours

Min
1

Fixed
4

Other Prerequisites
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 195831, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 195832, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195833, 3 |

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- VANTU 202 - Second-Year Language Study: Vanuatu

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Analyze | 195828, 1 |

Learning Outcome
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 195829, 2 |

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 195830, 3 |

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## VANTU 330 - Advanced Language Proficiency Through Cultural Studies: Vanuatu

### Course Information

**Teaching Area (new)**
VANTU

**Course Number**
330

**Teaching Area**
VANTU

**Course Title**
Advanced Language Proficiency Through Cultural Studies: Vanuatu

**Course Description**
Study of Vanuatu culture using interpersonal, presentational, and interpretive skills in the target language.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Vantu 202 or equivalent.

**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 195824, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 195825, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper

## VANTU 340 - Introduction to Literature: Vanuatu

### Course Information

**Teaching Area (new)**
VANTU

**Course Number**
340

**Teaching Area**
VANTU

**Course Title**
Introduction to Literature: Vanuatu

**Course Description**
Advanced study of Vanuatu literature. Continued emphasis on communication skills and culture.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- VANTU 330 - Advanced Language Proficiency Through Cultural Studies: Vanuatu

**Additional Comments:**

| Title | Tags |
|---|---|
| Recognize and Analyze | 195820, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 195821, 2 |

historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195826, 3 |

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195827, 4 |

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
| --- | --- |
| Context | 195822, 3 |

Learning Outcome
Place literature in a meaningful cultural and historical context.

| Title | Tags |
| --- | --- |
| Language Skills | 195823, 4 |

Learning Outcome
Improve target-language reading, writing, and speaking skills.

## VANTU 350 - Advanced Language Study for Career Purposes: Vanuatau

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VANTU | 350 |

Teaching Area
VANTU
Course Title
Advanced Language Study for Career Purposes: Vanuatau
Course Description
Concentration on Vanuatu language and culture issues for specific careers.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
3

Fixed
3

## VIET 100 - Language Study: Vietnamese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VIET | 100 |

Teaching Area
VIET
Course Title
Language Study: Vietnamese
Course Description
Survival-level conversation, reading, listening, and culture skills in Vietnamese.
Department
Language Studies
When Taught
Contact Department

### Credit Hours

Min
2

Fixed
2

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- VANTU 330 - Advanced Language Proficiency Through Cultural Studies: Vanuatu

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 195815, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 195816, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 195817, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 195818, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 195812, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 195813, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 195814, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195819, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## VIET 101 - First-Year Language Study: Vietnamese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VIET | 101 |

**Teaching Area**
VIET
**Course Title**
First-Year Language Study: Vietnamese
**Course Description**
Beginning speaking, listening, reading, and writing skills in Vietnamese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |

## VIET 102 - First-Year Language Study: Vietnamese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VIET | 102 |

**Teaching Area**
VIET
**Course Title**
First-Year Language Study: Vietnamese
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Vietnamese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

| Title | Tags |
| --- | --- |
| Comprehension | 195808, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195809, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195810, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195811, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- VIET 101 - First-Year Language Study: Vietnamese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## VIET 201 - Second-Year Language Study: Vietnamese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VIET | 201 |

**Teaching Area**
VIET
**Course Title**
Second-Year Language Study: Vietnamese
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Vietnamese.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

## VIET 202 - Second-Year Language Study: Vietnamese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VIET | 202 |

**Teaching Area**
VIET
**Course Title**
Second-Year Language Study: Vietnamese
**Course Description**
Continued emphasis on Vietnamese communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- VIET 102 - First-Year Language Study: Vietnamese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 195800, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 195801, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 195802, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- VIET 201 - Second-Year Language Study: Vietnamese

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 195796, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 195797, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|

| Title | Tags |
| --- | --- |
| Culture | 195803, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195798, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195799, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## VIET 305 - Language Skills Development: Vietnamese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VIET | 305 |

**Teaching Area**
VIET
**Course Title**
Language Skills Development: Vietnamese
**Course Description**
Increasing proficiency in one or more of the following Vietnamese language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 195793, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for

## VIET 321 - Advanced Grammar: Vietnamese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VIET | 321 |

**Teaching Area**
VIET
**Course Title**
Advanced Grammar: Vietnamese
**Course Description**
Systematic review of grammar and syntax of target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 195794, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195795, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Recommended**
Vietnamese 202 or equivalent.

| Title | Tags |
| --- | --- |
| Analyze | 195790, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 195791, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 195792, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## VIET 330 - Advanced Language Proficiency Through Cultural Studies: Vietnamese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VIET | 330 |

**Teaching Area**
VIET
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Vietnamese
**Course Description**
Study of Vietnamese culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

## VIET 340 - Introduction to Literature: Vietnamese

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| VIET | 340 |

**Teaching Area**
VIET
**Course Title**
Introduction to Literature: Vietnamese
**Course Description**
Advanced study of literature of target language. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Viet 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 195786, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 195787, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195788, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 195789, 4 |

**Learning Outcome**
Complete Languages of Learning

**Fixed**
3

### Lab Hours

**Fixed**
0

**Recommended**
Vietnamese 330

| Title | Tags |
|---|---|
| Recognize and Analyze | 195782, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 195783, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 195784, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 195785, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

and Global & Cultural Awareness
for General Education.

## VIET 350 - Advanced Language Study for Career Purposes: Vietnamese

### Course Information

**Teaching Area (new)**
VIET
**Course Number**
350
**Teaching Area**
VIET
**Course Title**
Advanced Language Study for Career Purposes: Vietnamese
**Course Description**
Concentration on Vietnamese language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- VIET 330 - Advanced Language Proficiency Through Cultural Studies: Vietnamese

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 195777, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to

## WARAY 100 - Language Study: Waray-Waray

### Course Information

**Teaching Area (new)**
WARAY
**Course Number**
100
**Teaching Area**
WARAY
**Course Title**
Language Study: Waray-Waray
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Waray-Waray.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 195774, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 195775, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 195778, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 195779, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 195780, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195781, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

| Title | Tags |
| --- | --- |
| Follow Instructions | 195776, 3 |

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## WARAY 101 - First-Year Language Study: Waray-Waray

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| WARAY | 101 |

Teaching Area

## WARAY 102 - First-Year Language Study: Waray-Waray

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| WARAY | 102 |

Teaching Area

Teaching Area
WARAY
Course Title
First-Year Language Study: Waray-Waray
Course Description
Beginning speaking, listening, reading, and writing skills in Waray-Waray.
Department
Language Studies
When Taught
Contact Department

## Credit Hours

Min
4

Fixed
4

## Lecture Hours

Fixed
5

## Lab Hours

Fixed
1

| Title | Tags |
| --- | --- |
| Comprehension | 195770, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195771, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195772, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Teaching Area
WARAY
Course Title
First-Year Language Study: Waray-Waray
Course Description
Second-semester speaking, listening, reading, and writing skills in Waray-Waray.
Department
Language Studies
When Taught
Contact Department

## Credit Hours

Min
4

Fixed
4

## Lecture Hours

Fixed
5

## Lab Hours

Fixed
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- WARAY 101 - First-Year Language Study: Waray-Waray

**Additional Comments:**

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
| --- | --- |
| Comprehension | 195766, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Speaking | 195767, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and

| Title | Tags |
| --- | --- |
| Culture | 195773, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

routine travel.

| Title | Tags |
| --- | --- |
| Writing | 195768, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195769, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

## WARAY 201 - Second-Year Language Study: Waray-Waray

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| WARAY | 201 |

**Teaching Area**
WARAY
**Course Title**
Second-Year Language Study: Waray-Waray
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Waray-Waray.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

## WARAY 202 - Second-Year Language Study: Waray-Waray

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| WARAY | 202 |

**Teaching Area**
WARAY
**Course Title**
Second-Year Language Study: Waray-Waray
**Course Description**
Continued emphasis on Waray-Waray communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- WARAY 102 - First-Year Language Study: Waray-Waray

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 195762, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 195763, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 195764, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 195765, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

Simple Requisites

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- WARAY 201 - Second-Year Language Study: Waray-Waray

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 195738, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 195739, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195741, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 195742, 4 |

General Education Requirements195742, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## WARAY 305 - Language Skills Development: Waray-Waray

### Course Information

Teaching Area (new): WARAY
Course Number: 305
Teaching Area: WARAY
Course Title: Language Skills Development: Waray-Waray
Course Description: Increasing proficiency in one or more of the following Waray-Waray language and culture skills: speaking, listening, reading, writing, cultural awareness.
Department: Language Studies
When Taught: Contact Department

### Credit Hours

Min: 1
Fixed: 4

Other Prerequisites
Instructor's consent.

| Title | Tags |
|---|---|
| Defined Special Purpose | 195733, 1 |

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
|---|---|
| Communication | 195734, 2 |

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

## WARAY 321 - Advanced Grammar: Waray-Waray

### Course Information

Teaching Area (new): WARAY
Course Number: 321
Teaching Area: WARAY
Course Title: Advanced Grammar: Waray-Waray
Course Description: Systematic review of grammar and syntax of Waray-Waray.
Department: Language Studies
When Taught: Contact Department

### Credit Hours

Min: 3
Fixed: 3

### Lecture Hours

Fixed: 3

### Lab Hours

Fixed: 0

Simple Requisites

Prerequisites
Type: Prerequisite

Prerequisites
Complete ALL of the following Courses:
- WARAY 202 - Second-Year Language Study: Waray-Waray

Additional Comments:

Note
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 195725, 1 |

| Title | Tags |
| --- | --- |
| Cultural Competence | 195735, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Apply | 195726, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 195730, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## WARAY 330 - Advanced Language Proficiency Through Cultural Studies: Waray-Waray

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| WARAY | 330 |

**Teaching Area**
WARAY
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Waray-Waray
**Course Description**
Study of Waray-Waray culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## WARAY 340 - Introduction to Literature: Waray-Waray

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| WARAY | 340 |

**Teaching Area**
WARAY
**Course Title**
Introduction to Literature: Waray-Waray
**Course Description**
Advanced study of Waray-Waray literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Waray 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 195710, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 195712, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195714, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 195719, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- WARAY 330 - Advanced Language Proficiency Through Cultural Studies: Waray-Waray

**Additional Comments:**

| Title | Tags |
|---|---|
| Recognize and Analyze | 195702, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 195703, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 195704, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 195706, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## WARAY 350 - Advanced Language Study for Career Purposes: Waray-Waray

### Course Information

**Teaching Area (new)**
WARAY

**Course Number**
350

**Teaching Area**
WARAY

**Course Title**
Advanced Language Study for Career Purposes: Waray-Waray

**Course Description**
Concentration on Waray-Waray language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- WARAY 330 - Advanced Language Proficiency Through Cultural Studies: Waray-Waray

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 195695, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center

## WELSH 100 - Language Study: Welsh

### Course Information

**Teaching Area (new)**
WELSH

**Course Number**
100

**Teaching Area**
WELSH

**Course Title**
Language Study: Welsh

**Course Description**
Survival-level conversation, reading, listening, and culture skills in Welsh.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
2

**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
|---|---|
| Speaking | 195692, 1 |

**Learning Outcome**
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
|---|---|
| Social Situations | 195693, 2 |

**Learning Outcome**
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
|---|---|
| Follow Instructions | 195694, 3 |

career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 195696, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 195698, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 195699, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195700, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

**Learning Outcome**
Understand spoken and written target language well enough to follow simple instructions.

## WELSH 101 - First-Year Welsh

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| WELSH | 101 |

**Teaching Area**
WELSH
**Course Title**
First-Year Welsh

## WELSH 102 - First-Year Welsh

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| WELSH | 102 |

**Teaching Area**
WELSH
**Course Title**
First-Year Welsh

**Course Description**
Beginning speaking, listening, reading, and writing skills in Welsh.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
0

**Note**
Not for native or advanced speakers.

| Title | Tags |
|---|---|
| Writing | 193126, 2 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
|---|---|
| Speaking | 193127, 0 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Comprehension | 193134, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|

**Course Description**
Second-semester speaking, listening, reading, and writing skills in Welsh.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- WELSH 101 - First-Year Welsh

**Additional Comments:**

**Note**
NOTE: Not for native or advanced speakers. NOTE: Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Culture | 193212, 3 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
|---|---|
| Writing | 193214, 2 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Culture | 193242, 3 |
|---|---|

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
|---|---|
| Speaking | 193231, 0 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Comprehension | 193239, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

## WELSH 201 - Second-Year Welsh

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| WELSH | 201 |

**Teaching Area**
WELSH
**Course Title**
Second-Year Welsh
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Welsh.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**

## WELSH 202 - Second-Year Language Study: Welsh

### Course Information

| Teaching Area (new) | Course Number |
|---|---|
| WELSH | 202 |

**Teaching Area**
WELSH
**Course Title**
Second-Year Language Study: Welsh
**Course Description**
Continued emphasis on Welsh communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
4

**Fixed**
4

#### Lecture Hours

**Fixed**
5

#### Lab Hours

**Fixed**
1

**Simple Requisites**

Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- WELSH 102 - First-Year Welsh

**Additional Comments:**

**Other Prerequisites**
Welsh 101 and 102; or equivalents.
**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Culture | 193129, 3 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

| Title | Tags |
|---|---|
| Grammar | 193183, 2 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Vocabulary | 193192, 1 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Elaboration | 193201, 0 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- WELSH 201 - Second-Year Welsh

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
|---|---|
| Communication Skills | 195681, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
|---|---|
| Comprehension | 195682, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195684, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 195687, 4 |

**Learning Outcome**
Complete Languages of Learning

Complete Languages of Learning and Global & Cultural Awareness for General Education.

## WELSH 305 - Language Skills Development: Welsh

### Course Information

**Teaching Area (new)**
WELSH
**Course Number**
305
**Teaching Area**
WELSH
**Course Title**
Language Skills Development: Welsh
**Course Description**
Increasing proficiency in one or more of the following Welsh language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
1
**Fixed**
4

**Other Prerequisites**
Instructor's consent.

**Title**
Defined Special Purpose
**Tags**
195673, 1
**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

**Title**
Communication
**Tags**
195675, 2
**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

## WELSH 321 - Advanced Grammar: Welsh

### Course Information

**Teaching Area (new)**
WELSH
**Course Number**
321
**Teaching Area**
WELSH
**Course Title**
Advanced Grammar: Welsh
**Course Description**
Systematic review of grammar and syntax of Welsh.
**Department**
Language Studies
**When Taught**
Contact Department

#### Credit Hours

**Min**
3
**Fixed**
3

#### Lecture Hours

**Fixed**
3

#### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites
**Complete ALL of the following Courses:**
- WELSH 202 - Second-Year Language Study: Welsh

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

**Title**
Analyze
**Tags**
195658, 1
**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195679, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

| Title | Tags |
| --- | --- |
| Apply | 195659, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

| Title | Tags |
| --- | --- |
| Independent Learning | 195662, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

## WELSH 330 - Advanced Language Proficiency Through Cultural Studies: Welsh

### Course Information

**Teaching Area (new)**
WELSH
**Course Number**
330
**Teaching Area**
WELSH
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Welsh
**Course Description**
Study of Welsh culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

## WELSH 340 - Introduction to Literature: Welsh

### Course Information

**Teaching Area (new)**
WELSH
**Course Number**
340
**Teaching Area**
WELSH
**Course Title**
Introduction to Literature: Welsh
**Course Description**
Advanced study of Welsh literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3
**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

0

**Other Prerequisites**
Welsh 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 195647, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 195649, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
|---|---|
| Cultural Knowledge | 195652, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
|---|---|
| General Education Requirements | 195654, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## WELSH 346R - Welsh Choir

0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- WELSH 330 - Advanced Language Proficiency Through Cultural Studies: Welsh

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 195635, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 195638, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 195640, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 195642, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

## WELSH 350 - Advanced Language Study for

## Course Information

**Teaching Area (new)**
WELSH

**Course Number**
346R

**Teaching Area**
WELSH

**Course Title**
Welsh Choir

**Course Description**
Enhance cultural appreciation and language skills through choral singing.

**Department**
Language Studies

**When Taught**
Fall and Winter

### Credit Hours

**Min**
1

**Fixed**
1

### Lecture Hours

**Fixed**
1

### Lab Hours

**Fixed**
1

**Note**
Conversational proficiency in Welsh not required to join the choir.

# Career Purposes: Welsh

## Course Information

**Teaching Area (new)**
WELSH

**Course Number**
350

**Teaching Area**
WELSH

**Course Title**
Advanced Language Study for Career Purposes: Welsh

**Course Description**
Concentration on Welsh language and culture issues for specific careers.

**Department**
Language Studies

**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**

- WELSH 330 - Advanced Language Proficiency Through Cultural Studies: Welsh

**Additional Comments:**

| Title | Tags |
| --- | --- |
| Defined Career Purposes | 195620, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Knowledge | 195623, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
| --- | --- |
| Interpretive Competence | 195625, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
| --- | --- |
| Communicative Competence | 195630, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195631, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

## WRTG 150 - Writing and Rhetoric

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| WRTG | 150 |

**Teaching Area**
WRTG
**Course Title**
Writing and Rhetoric
**Course Description**
Processes of writing, reading, and research with an emphasis on argumentation and rhetorical analysis.
**Department**
English
**When Taught**

## WRTG 311 - Writing about the Arts and Humanities

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| WRTG | 311 |

**Teaching Area**
WRTG
**Course Title**
Writing about the Arts and Humanities
**Course Description**
Writing for both academic and mass audiences about the functions, meanings, values, and qualities of art and the humanities. Library research paper.
**Department**

All Semesters/Terms

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Note
Fulfills General Education First-Year Writing requirement. Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required.

| Title | Tags |
|---|---|
| LO4 | 206523, 3 |

Learning Outcome

Use style—diction, figurative language, tone, grammar, punctuation, spelling, mechanics—genre, conventions, and document design correctly and for rhetorical effect.

| Title | Tags |
|---|---|
| LO1 | 206544, 0 |

Learning Outcome

Use rhetoric responsibly to compose arguments in a variety of genres for specific audiences and purposes.

| Title | Tags |
|---|---|
| LO5 | 206551, 4 |

Learning Outcome

Navigate the library to locate primary and secondary sources, evaluate the appropriateness and credibility of those sources, and effectively incorporate and accurately document outside sources in a research paper.

English
When Taught
All Semesters/Terms

### Credit Hours

Min
3

Fixed
3

### Lecture Hours

Fixed
3

### Lab Hours

Fixed
0

Other Prerequisites
First-year writing, junior or senior status.
Note
Carries GE Advanced Written and Oral Communication credit.

| Title | Tags |
|---|---|
| Process | 191262, 0, 1, 2021-09-28 12:43:39 |

Learning Outcome
Employ informed and flexible processes for writing and speaking, including creating and/or finding ideas, evidence, and data to write about; planning and drafting; revising; editing; and designing or presenting a message so that it is successfully understood by a specified audience.

| Title | Tags |
|---|---|
| Structure | 191263, 0, 2, 2021-09-28 12:43:39 |

Learning Outcome
Write coherent and unified texts, including effective introductions, clear thesis statements, supporting details, transitions, and strong conclusions.

| Title | Tags |
|---|---|
| Rhetorical Situation | 191264, 0, 3, 2021-09-28 12:43:39 |

Learning Outcome
Use various methods of invention, organization, and style to adapt written and oral

forms of communication to a specific rhetorical situation.

| Title | Tags |
| --- | --- |
| LO3 | 206552, 2 |

Learning Outcome

Write coherent and unified texts (effective introductions, clear theses, supporting details, transitions, and strong conclusions) using a flexible and effective writing process, including prewriting, drafting, revising, and editing.

| Title | Tags |
| --- | --- |
| LO2 | 206579, 1 |

Learning Outcome

Critically read texts. This includes:

1. analyzing how a text functions in a specific situation, community, or public;
2. analyzing the nuances of language (diction, figures of speech, tone, etc.);
3. identifying and evaluating the elements of an argument-claims, reasons, assumptions, and ethical, emotional, and logical appeals.

| Title | Tags |
| --- | --- |
| Sources | 191265, 0, 4, 2021-09-28 12:43:39 |

Learning Outcome
Utilize the library and electronic resources to locate relevant information, assess its reliability and usefulness, and effectively and ethically incorporate it into their own writing by following an appropriate style of documentation.

| Title | Tags |
| --- | --- |
| Style | 191266, 0, 5, 2021-09-28 12:43:39 |

Learning Outcome
Write in a correct, clear, and graceful prose style.

| Title | Tags |
| --- | --- |
| Peer Revision | 206550, 0, 5, 2021-09-28 12:43:39 |

Learning Outcome
Effectively evaluate and comment on the writing of others to facilitate revision.

| Title | Tags |
| --- | --- |
| Audience | 206538, 0, 6, 2021-09-28 12:43:39 |

Learning Outcome
Write and speak effectively about the arts to academic and general audiences and for a variety of purposes.

| Title | Tags |
| --- | --- |
| Critical Reading | 206554, 0, 7, 2021-09-28 12:43:39 |

Learning Outcome
Critically read and evaluate different artistic mediums as well as scholarship in the humanities.

## WRTG 312 - Persuasive Writing

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| WRTG | 312 |

## WRTG 313 - Expository Writing for Elementary Education Majors

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

**Teaching Area**
WRTG
**Course Title**
Persuasive Writing
**Course Description**
Expository and persuasive writing focusing on practical reasons for evaluating audiences, generating and structuring an argument, and making stylistic decisions. Library research paper.
**Department**
English
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
First-year writing, junior or senior status.
**Note**
Carries GE Advanced Written and Oral Communication credit. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

| Title | Tags |
|---|---|
| Process | 191271, 0, 1, 2021-09-28 12:43:58 |

**Learning Outcome**
Employ informed and flexible processes for writing and speaking, including creating and/or finding ideas, evidence, and data to write about; planning and drafting; revising; editing; and designing or presenting a message so that it is successfully understood by a specified audience.

| Title | Tags |
|---|---|
| Structure | 211521, 0, 6, 2021-09-28 12:43:58 |

**Learning Outcome**
Write coherent and unified texts, including effective introductions, clear thesis statements, supporting details, transitions, and strong

| | |
|---|---|
| WRTG | 313 |

**Teaching Area**
WRTG
**Course Title**
Expository Writing for Elementary Education Majors
**Course Description**
Learning to write as professional educators and to teach writing to children. Best taken before the professional sequence. Library research paper.
**Department**
English
**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
First-year writing, junior or senior status.
**Note**
Carries GE Advanced Written and Oral Communication credit.

| Title | Tags |
|---|---|
| Structure | 191276, 0, 2, 2021-09-28 12:44:18 |

**Learning Outcome**
Write coherent and unified texts with a correct, clear, and graceful prose style, including effective introductions, clear thesis statements, support, smooth transitions, and strong conclusions.

| Title | Tags |
|---|---|
| Sources | 191277, 0, 3, 2021-09-28 12:44:18 |

**Learning Outcome**
Utilize library and electronic resources to locate relevant information, assess reliability and usefulness, and effectively and ethically incorporate it to your writing using APA documentation.

transitions, and strong conclusions.

| Title | Tags |
| --- | --- |
| Rhetorical Situation | 191273, 0, 2, 2021-09-28 12:43:58 |

Learning Outcome
Use various methods of invention, organization, and style to adapt written and oral forms of communication to a specific rhetorical situation.

| Title | Tags |
| --- | --- |
| Sources | 191671, 0, 3, 2021-09-28 12:43:58 |

Learning Outcome
Utilize the library and electronic resources to locate relevant information, assess its reliability and usefulness, and effectively and ethically incorporate it into their own writing by following an appropriate style of documentation.

| Title | Tags |
| --- | --- |
| Style | 191715, 0, 5, 2021-09-28 12:43:58 |

Learning Outcome
Write in a correct, clear, and graceful prose style.

| Title | Tags |
| --- | --- |
| Critical Reading | 191707, 0, 4, 2021-09-28 12:43:58 |

Learning Outcome
Effectively evaluate and comment on the writing of others to facilitate revision.

| Title | Tags |
| --- | --- |
| Ethos | 211522, 0, 7, 2021-09-28 12:43:58 |

Learning Outcome
Create an appropriate ethos in both writing and speaking.

| Title | Tags |
| --- | --- |
| Argument | 211523, 0, 8, 2021-09-28 12:43:58 |

Learning Outcome
Analyze the parts of an argument; evaluate them in terms of the intended audience; and generate a reasonable argument for a specific audience.Anticipate and

| Title | Tags |
| --- | --- |
| Revision | 191278, 0, 4, 2021-09-28 12:44:18 |

Learning Outcome
Effectively evaluate and comment on the writing of others to facilitate revision.

| Title | Tags |
| --- | --- |
| Pedagogy | 191279, 0, 5, 2021-09-28 12:44:18 |

Learning Outcome
Identify and evaluate philosophies and methods of teaching writing to children.Distinguish between and explain different theories and methods of teaching writing to school-aged children.Effectively apply those theories and methods to the teaching of writing in an elementary school setting.

| Title | Tags |
| --- | --- |
| Writing Instruction Project | 191280, 0, 6, 2021-09-28 12:44:18 |

Learning Outcome
Write a well-argued, persuasive discussion on a focused, significant issue in writing instruction for children, including appropriate counter-arguments and evidence.

| Title | Tags |
| --- | --- |
| Social Change | 191281, 0, 7, 2021-09-28 12:44:18 |

Learning Outcome
Understand how strong writing abilities and integrated language arts skills will help children and adults meet the challenges of using writing and education to change society for the best.

| Title | Tags |
| --- | --- |
| Process | 206531, 0, 0, 2021-09-28 12:44:18 |

Learning Outcome
Employ informed and flexible processes for writing and speaking, including creating or finding ideas, evidence, and data; planning and drafting; revising ; editing; and designing and presenting a successful message for a specific rhetorical situation.

audience.Anticipate and effectively respond to audience objections and counterarguments.

## WRTG 315 - Writing in the Social Sciences

### Course Information

**Teaching Area (new)**
WRTG

**Course Number**
315

**Teaching Area**
WRTG

**Course Title**
Writing in the Social Sciences

**Course Description**
Writing characteristic of disciplines that inquire into human behavior and institutions; correspondence, proposals, library paper, empirical research, and reviews.

**Department**
English

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
First-year writing, junior or senior status.

**Note**
Carries GE Advanced Written and Oral Communication credit. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Process

**Tags**
191718, 0, 0, 2021-09-28 12:44:42

**Learning Outcome**
Employ informed and flexible processes for writing and speaking, including: creating and/or finding ideas about which to write; collecting evidence and data; planning and drafting; revising; editing; and designing

## WRTG 316 - Technical Communication

### Course Information

**Teaching Area (new)**
WRTG

**Course Number**
316

**Teaching Area**
WRTG

**Course Title**
Technical Communication

**Course Description**
Effective processes of written, oral, and visual technical communication, including collaborative processes. Writing for academic and professional audiences.

**Department**
English

**When Taught**
All Semesters/Terms

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
First-year writing, junior or senior status.

**Note**
Carries GE Advanced Written and Oral Communication credit. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

**Title**
Process

**Tags**
191710, 0, 0, 2021-09-28 12:45:09

**Learning Outcome**
Employ informed and flexible processes for writing and speaking, including: creating and/or finding ideas about which to write; collecting evidence and data; planning and drafting; revising; editing; and designing

or presenting a message so that it is successfully understood by a specified audience.

or presenting a message so that it is successfully understood by a specified audience.

**Title**
Structure

**Tags**
191717, 0, 1, 2021-09-28 12:44:42

**Learning Outcome**
Write coherent and unified texts, including effective introductions, clear thesis statements, supporting details, transitions, and strong conclusions.

**Title**
Structure

**Tags**
191700, 0, 1, 2021-09-28 12:45:09

**Learning Outcome**
Write coherent and unified texts, including effective introductions, clear thesis statements, supporting details, transitions, and strong conclusions.

**Title**
Rhetorical Situation

**Tags**
191688, 0, 2, 2021-09-28 12:44:42

**Learning Outcome**
Use various methods of invention, organization, and style to adapt written and oral forms of communication to specific rhetorical situations.

**Title**
Rhetorical Situation

**Tags**
191675, 0, 2, 2021-09-28 12:45:09

**Learning Outcome**
Use various methods of invention, organization, and style to adapt written and oral forms of communication to a specific rhetorical situation.

**Title**
Sources

**Tags**
191667, 0, 3, 2021-09-28 12:44:42

**Learning Outcome**
Utilize the library and electronic resources to locate relevant information, assess its reliability and usefulness, and effectively and ethically incorporate it into their own writing by following an appropriate style of documentation.

**Title**
Sources

**Tags**
191694, 0, 3, 2021-09-28 12:45:09

**Learning Outcome**
Utilize the library and electronic resources to locate relevant information, assess its reliability and usefulness, and effectively and ethically incorporate it into their own writing by following an appropriate style of documentation.

**Title**
Style

**Tags**
191689, 0, 4, 2021-09-28 12:44:42

**Learning Outcome**
Write in a correct, clear, and graceful prose style.

**Title**
Style

**Tags**
191685, 0, 4, 2021-09-28 12:45:09

**Learning Outcome**
Write in a correct, clear, and graceful prose style.

**Title**
Library

**Tags**
191678, 0, 5, 2021-09-28 12:44:42

**Learning Outcome**
Successfully complete the library tour, tutorial, and tests (if not completed as part of the first-year writing requirement).
Successfully complete a library mini-course taught for their major area and demonstrate the ability to use the library effectively.

**Title**
Revision

**Tags**
191687, 0, 5, 2021-09-28 12:45:09

**Learning Outcome**
Effectively evaluate and comment on the writing of others to facilitate revision.

**Title**
Rhetorical Purpose

**Tags**
191701, 0, 6, 2021-09-28 12:45:09

**Learning Outcome**

| Title | Tags |
| --- | --- |
| Tables and Figures | 191282, 0, 7, 2021-09-28 12:44:42 |

**Learning Outcome**
Demonstrate the ability to create, number, and label tables and figures.

| Title | Tags |
| --- | --- |
| Revision | 191714, 0, 8, 2021-09-28 12:44:42 |

**Learning Outcome**
Effectively evaluate and comment on the writing of others to facilitate revision.

**Learning Outcome**
Analyze rhetorical aspects of audience, purpose, and context to communicate technical information effectively in written, oral, and visual media.

| Title | Tags |
| --- | --- |
| Genre | 191712, 0, 7, 2021-09-28 12:45:09 |

**Learning Outcome**
Recognize structures or genres typically used in science and engineering, understand the processes that produce them, and the organizational and stylistic conventions characteristic of them, and apply this knowledge to their own writing tasks.

## XHOSA 100 - Language Study: Xhosa

### Course Information

**Teaching Area (new)**
XHOSA
**Course Number**
100
**Teaching Area**
XHOSA
**Course Title**
Language Study: Xhosa
**Course Description**
Survival-level conversation, reading, listening, and culture skills in Xhosa.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
2
**Fixed**
2

### Lecture Hours

**Fixed**
2

### Lab Hours

**Fixed**
0

| Title | Tags |
| --- | --- |
| Speaking | 195611, 1 |

## XHOSA 101 - First-Year Language Study: Xhosa

### Course Information

**Teaching Area (new)**
XHOSA
**Course Number**
101
**Teaching Area**
XHOSA
**Course Title**
First-Year Language Study: Xhosa
**Course Description**
Beginning speaking, listening, reading, and writing skills in Xhosa.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4
**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

| Title | Tags |
| --- | --- |

| Title | Tags |
| --- | --- |
| Speaking | 195599, 2 |

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

| Title | Tags |
| --- | --- |
| Comprehension | 195599, 1 |

Learning Outcome
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
| --- | --- |
| Social Situations | 195613, 2 |

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

| Title | Tags |
| --- | --- |
| Speaking | 195601, 2 |

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
| --- | --- |
| Follow Instructions | 195615, 3 |

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

| Title | Tags |
| --- | --- |
| Writing | 195604, 3 |

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

| Title | Tags |
| --- | --- |
| Culture | 195606, 4 |

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

## XHOSA 102 - First-Year Language Study: Xhosa

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| XHOSA | 102 |

**Teaching Area**
XHOSA
**Course Title**
First-Year Language Study: Xhosa
**Course Description**
Second-semester speaking, listening, reading, and writing skills in Xhosa.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

Min

## XHOSA 201 - Second-Year Language Study: Xhosa

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| XHOSA | 201 |

**Teaching Area**
XHOSA
**Course Title**
Second-Year Language Study: Xhosa
**Course Description**
Intermediate speaking, listening, reading, and writing skills in Xhosa.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

Min
4

4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- XHOSA 101 - First-Year Language Study: Xhosa

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Comprehension | 195589, 1 |

**Learning Outcome**
Understand written and spoken target language relating to familiar topics.

| Title | Tags |
|---|---|
| Speaking | 195591, 2 |

**Learning Outcome**
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

| Title | Tags |
|---|---|
| Writing | 195594, 3 |

**Learning Outcome**
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

4

**Fixed**
4

## Lecture Hours

**Fixed**
5

## Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- XHOSA 102 - First-Year Language Study: Xhosa

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Elaboration | 195581, 1 |

**Learning Outcome**
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

| Title | Tags |
|---|---|
| Vocabulary | 195583, 2 |

**Learning Outcome**
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

| Title | Tags |
|---|---|
| Grammar | 195586, 3 |

**Learning Outcome**
Review and increase understanding of basic language structures.

| Title | Tags |
|---|---|
| Culture | 195588, 4 |

| Title | Tags |
| --- | --- |
| Culture | 195596, 4 |

**Learning Outcome**
Function appropriately in routine, familiar situations in the target culture.

| Title | Tags |
| --- | --- |
| Culture | 195596, 4 |

**Learning Outcome**
Discuss in the target language common products and practices related to every-day life in the target culture.

## XHOSA 202 - Second-Year Language Study: Xhosa

### Course Information

**Teaching Area (new)**
XHOSA
**Course Number**
202
**Teaching Area**
XHOSA
**Course Title**
Second-Year Language Study: Xhosa
**Course Description**
Continued emphasis on Xhosa communication skills, vocabulary building, and cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
4

**Fixed**
4

### Lecture Hours

**Fixed**
5

### Lab Hours

**Fixed**
1

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- XHOSA 201 - Second-Year Language Study: Xhosa

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

## XHOSA 305 - Language Skills Development: Xhosa

### Course Information

**Teaching Area (new)**
XHOSA
**Course Number**
305
**Teaching Area**
XHOSA
**Course Title**
Language Skills Development: Xhosa
**Course Description**
Increasing proficiency in one or more of the following Xhosa language and culture skills: speaking, listening, reading, writing, cultural awareness.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
1

**Fixed**
4

**Other Prerequisites**
Instructor's consent.

| Title | Tags |
| --- | --- |
| Defined Special Purpose | 195561, 1 |

**Learning Outcome**
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

| Title | Tags |
| --- | --- |
| Communication | 195563, 2 |

**Learning Outcome**
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational

teacher may waive prerequisite based on prior experience.
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

| Title | Tags |
| --- | --- |
| Communication Skills | 195570, 1 |

**Learning Outcome**
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

| Title | Tags |
| --- | --- |
| Comprehension | 195573, 2 |

**Learning Outcome**
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195576, 3 |

**Learning Outcome**
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195577, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

(written and oral) modes of communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195565, 3 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

## XHOSA 321 - Advanced Grammar: Xhosa

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |

## XHOSA 330 - Advanced Language Proficiency Through Cultural Studies: Xhosa

### Course Information

XHOSA 321

**Teaching Area**
XHOSA
**Course Title**
Advanced Grammar: Xhosa
**Course Description**
Systematic review of grammar and syntax of Xhosa.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- XHOSA 202 - Second-Year Language Study: Xhosa

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Analyze | 195554, 1 |

**Learning Outcome**
Analyze target language morphology and syntax.

| Title | Tags |
|---|---|
| Apply | 195556, 2 |

**Learning Outcome**
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

**Course Information**

**Teaching Area (new)** **Course Number**
XHOSA 330

**Teaching Area**
XHOSA
**Course Title**
Advanced Language Proficiency Through Cultural Studies: Xhosa
**Course Description**
Study of Xhosa culture using interpersonal, presentational, and interpretive skills in the target language.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Other Prerequisites**
Xhosa 202 or equivalent.
**Note**
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

| Title | Tags |
|---|---|
| Communication Skills | 195545, 1 |

**Learning Outcome**
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

| Title | Tags |
|---|---|
| Comprehension | 195547, 2 |

**Learning Outcome**
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

| Title | Tags |
| --- | --- |
| Independent Learning | 195558, 3 |

**Learning Outcome**
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

| Title | Tags |
| --- | --- |
| Cultural Knowledge | 195548, 3 |

**Learning Outcome**
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

| Title | Tags |
| --- | --- |
| General Education Requirements | 195551, 4 |

**Learning Outcome**
Complete Languages of Learning and Global & Cultural Awareness for General Education.

## XHOSA 340 - Introduction to Literature: Xhosa

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| XHOSA | 340 |

**Teaching Area**
XHOSA
**Course Title**
Introduction to Literature: Xhosa
**Course Description**
Advanced study of Xhosa literature. Continued emphasis on communication skills and culture.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

## XHOSA 350 - Advanced Language Study for Career Purposes: Xhosa

### Course Information

| Teaching Area (new) | Course Number |
| --- | --- |
| XHOSA | 350 |

**Teaching Area**
XHOSA
**Course Title**
Advanced Language Study for Career Purposes: Xhosa
**Course Description**
Concentration on Xhosa language and culture issues for specific careers.
**Department**
Language Studies
**When Taught**
Contact Department

### Credit Hours

**Min**
3

**Fixed**
3

### Lecture Hours

**Fixed**
3

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- XHOSA 330 - Advanced Language Proficiency Through Cultural Studies: Xhosa

**Additional Comments:**

**Note**
Teacher may waive prerequisite based on prior experience.

| Title | Tags |
|---|---|
| Recognize and Analyze | 195533, 1 |

**Learning Outcome**
Recognize and analyze the most important genres in target-language literature.

| Title | Tags |
|---|---|
| Key Characteristics | 195536, 2 |

**Learning Outcome**
Identify and discuss key characteristics of the most important literary movements in the target culture.

| Title | Tags |
|---|---|
| Context | 195538, 3 |

**Learning Outcome**
Place literature in a meaningful cultural and historical context.

| Title | Tags |
|---|---|
| Language Skills | 195541, 4 |

**Learning Outcome**
Improve target-language reading, writing, and speaking skills.

### Lab Hours

**Fixed**
0

**Simple Requisites**

**Prerequisites**
**Type**
Prerequisite

Prerequisites

**Complete ALL of the following Courses:**
- XHOSA 330 - Advanced Language Proficiency Through Cultural Studies: Xhosa

**Additional Comments:**

| Title | Tags |
|---|---|
| Defined Career Purposes | 195515, 1 |

**Learning Outcome**
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

| Title | Tags |
|---|---|
| Knowledge | 195517, 2 |

**Learning Outcome**
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

| Title | Tags |
|---|---|
| Interpretive Competence | 195520, 3 |

**Learning Outcome**
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

| Title | Tags |
|---|---|
| Communicative Competence | 195524, 4 |

**Learning Outcome**
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication

and both written and oral presentational communication.

| Title | Tags |
| --- | --- |
| Cultural Competence | 195526, 5 |

**Learning Outcome**
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.